## ICERI2019 TABLE OF CONTENTS

| PARTNERS IN PROGRESS: AN EXPLORATION OF EXPAT FACULTY AND HOME STUDENTS' EXPECTATIONS OF A HIGHER EDUCATION LEARNING ENVIRONMENT | 1 |
| J. Eppard, K. McKeown |


| IMPLICATIONS FOR INSTRUCTIONAL DESIGN AS A SOCIOPOLITICALLY SITUATED PROCESS | 15 |
| K. Campbell, R. Schiewer |

| CITY DESIGN: HOUSING NEIGHBOURHOOD PROJECT METHODOLOGIES | 22 |
| A. Virtudes |

| FUNCTIONAL DIVERSITY AS A METHODOLOGY TO RETHINK HOUSING NEIGHBOURHOODS | 29 |
| A. Virtudes |

| EMPOWERING TEACHERS FOR ELEARNING IN SOUTH AFRICAN SCHOOLS: READINESS FOR THE FOURTH INDUSTRIAL REVOLUTION? | 36 |
| V. Mncube, E. Olawale |

| THE EU EDUCATION POLICY: CHALLENGES AND PROSPECTS | 45 |
| I.S. Amiantova, E.A. Ivanova, N.V. Mikhailove |

| IMPORTANCE OF IT TOPICS FROM THE PERSPECTIVE OF TEACHERS AND OF THEIR PUPILS, OR WHAT WOULD TEACHERS WANT TO TEACH AND WHAT WOULD THEIR PUPILS WANT TO LEARN? | 50 |
| M. Klement, K. Bárték, T. Dragon |

| STUDENT SELF-PLAGIARISM: SEVEN YEARS LATER | 60 |
| C. Halupa |

| PRACTICE OF LITIGATION EXPERIENCE AT LAW STUDY PROGRAM IN DISTANCE EDUCATION (A CASE STUDY AT UNIVERSITAS TERBUKA – INDONESIA) | 67 |
| D. Mutiara, T. Darmayanti, P. Murti Wahyuni |

| THE ADVANCE MANUFACTURING RESEARCH CENTER ON AERONAUTICS: A CASE STUDY OF THE UNIVERSITY & INDUSTRY COOPERATION | 77 |
| A. Lamikiz, N. Ortega, E. Ukar, S. Plaza, L.N. Lopez de Lacalle |

| T. Alves Baptista |

| UNDERSTANDING SCHOOL CLIMATE AND THE SOCIO-ECONOMIC ACHIEVEMENT GRADIENT | 89 |
| L. Winnaar, L. Zuze, R. Blignaut |

| THE USE OF REHABILITATION THERAPY WITH THE PARTICIPATION OF PEOPLE WITH DIFFERENT TYPES OF NEUROLOGICAL DISEASE FROM THE PERSPECTIVE OF HELPING PROFESSIONS | 104 |
| M. Vostrý, L. Zilcher |

| THE INITIAL ACADEMIC PERFORMANCE AND INERTIA AS DETERMINANTS OF THE FUTURE MOVEMENTS OF THE ACADEMIC PERFORMANCE OF UNIVERSITY STUDENTS | 110 |
| L.F. Moncada Mora, J.F. Negrete Zambrano, M. Arias Monteros, A. Loyaiza Peña |

| AN ANALYSIS FRAMEWORK FOR UNDERSTANDING USER EXPERIENCE IN TECHNICAL REMOTE ASSISTANCE | 121 |
| J. Ojasalo, J. Silmukari |

| THE INFLUENCE OF A TEACHER’S INNOVATION ON A PUPIL’S RELATIONSHIP TO MATHEMATICS | 128 |
| V. Chytrý, J. Říčan, R. Kořínková |

| AGE AND SEX AS TWO FACTORS AFFECTING PUPIL’S RELATIONSHIP TO MATHEMATICS | 134 |
| V. Chytrý, R. Kořínková |

<p>| ALL I HAVE TO GIVE – CLASSES TO OVERCOME SEMIOTIC CONFLICTS IN THE MEASURES OF CENTRAL TENDENCY IN PROFESSIONAL EDUCATION | 141 |
| H. Bogas, M.M. Nascimento, E. Morais |</p>
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PAST, PRESENT AND FUTURE: CONFIDENCE INTERVALS WITH TECHNOLOGIES IN</td>
<td>151</td>
</tr>
<tr>
<td>HIGHER EDUCATION AT THE POLYTECHNIC SCHOOL OF MALANJE</td>
<td></td>
</tr>
<tr>
<td>M. Osório, M.M. Nascimento, P. Martins</td>
<td></td>
</tr>
<tr>
<td>MENTAL IMAGES’ FORMATION IN STUDENTS DURING FOREIGN LANGUAGE</td>
<td>159</td>
</tr>
<tr>
<td>STUDIES (EXPERIMENTAL RESEARCH)</td>
<td></td>
</tr>
<tr>
<td>M. Matveev</td>
<td></td>
</tr>
<tr>
<td>“THE KIDS MUSEUM”: AN EDUCATIONAL PROPOSAL FOR EARLY CHILDHOOD</td>
<td>167</td>
</tr>
<tr>
<td>SCHOOLS</td>
<td></td>
</tr>
<tr>
<td>F. Echarri, T. Torres</td>
<td></td>
</tr>
<tr>
<td>A TRAINING EXPERIENCE ON THE ENHANCEMENT OF THE CULTURAL HERITAGE</td>
<td>174</td>
</tr>
<tr>
<td>THROUGH THE TRANSFER OF KNOWLEDGE AMONG STUDENTS OF DIFFERENT</td>
<td></td>
</tr>
<tr>
<td>EDUCATIONAL CYCLES: THE CULTURAL HERITAGE OF THE TIBER RIVER MOUTH</td>
<td></td>
</tr>
<tr>
<td>G. Martines, S. Manfredi</td>
<td></td>
</tr>
<tr>
<td>TECHNOLOGICAL LITERACY - A NEW SCHOOL SUBJECT MEETS REALITY</td>
<td>182</td>
</tr>
<tr>
<td>GOING WITH THE FLOW: EXPLORING FLOW AS AN ADDITIONAL LENS AND TOOL</td>
<td>190</td>
</tr>
<tr>
<td>TO THINK, PLAN AND ACT MORE INCLUSIVELY IN THE CLASSROOM</td>
<td></td>
</tr>
<tr>
<td>M. Flannery</td>
<td></td>
</tr>
<tr>
<td>MODULAR CONTENT MANAGER OF EXPERTIC-SEA AS A TOOL FOR SUBJECT</td>
<td>197</td>
</tr>
<tr>
<td>PLANNING</td>
<td></td>
</tr>
<tr>
<td>MAPPING THE IMPACT OF AN IRISH LANGUAGE SPECIAL STUDY MODULE FOR</td>
<td>201</td>
</tr>
<tr>
<td>MALAYSIAN AND OTHER EASTERN MEDICAL STUDENTS IN UNIVERSITY COLLEGE</td>
<td></td>
</tr>
<tr>
<td>CORK, IRELAND</td>
<td></td>
</tr>
<tr>
<td>C. Dawson</td>
<td></td>
</tr>
<tr>
<td>TEACHING MEDICAL STUDENTS TO HELP OLDER PATIENTS WITH CHRONIC</td>
<td>208</td>
</tr>
<tr>
<td>ILLNESS OVERCOME BARRIERS TO ELECTRONIC PATIENT PORTAL USE:</td>
<td></td>
</tr>
<tr>
<td>IMPLICATIONS FOR MEDICAL EDUCATORS</td>
<td></td>
</tr>
<tr>
<td>R. Jacobs, M. Kane</td>
<td></td>
</tr>
<tr>
<td>PREDICTORS OF MEDICAL STUDENTS’ PERCEPTIONS ABOUT ELECTRONIC</td>
<td>218</td>
</tr>
<tr>
<td>MEDICAL RECORDS: RECOMMENDATIONS FOR ENHANCED STUDENT-CENTERED</td>
<td></td>
</tr>
<tr>
<td>TEACHING AND LEARNING</td>
<td></td>
</tr>
<tr>
<td>R. Jacobs, M. Kane</td>
<td></td>
</tr>
<tr>
<td>CONNECTING LEARNERS THROUGH ASSESSMENT</td>
<td>228</td>
</tr>
<tr>
<td>H. Cartner</td>
<td></td>
</tr>
<tr>
<td>PARENTS’ BEHAVIOR AND ACADEMIC ACHIEVEMENT IN 9 COUNTRIES</td>
<td>229</td>
</tr>
<tr>
<td>S. Al-Hassan</td>
<td></td>
</tr>
<tr>
<td>ONLINE PUBLIC ACCESS CATALOGS IN BULGARIAN UNIVERSITY LIBRARIES AN</td>
<td>230</td>
</tr>
<tr>
<td>EMPIRICAL STUDY OF SEVEN-YEAR EVOLUTION</td>
<td></td>
</tr>
<tr>
<td>S. Petrova, A. Sergeev, I. Gelova, I. Kostadinova</td>
<td></td>
</tr>
<tr>
<td>STUDY ABROAD EXPERIENCES: THE ‘WHY’ AND THE ‘HOW’</td>
<td>237</td>
</tr>
<tr>
<td>L. Butler</td>
<td></td>
</tr>
<tr>
<td>DO EXCEPTIONAL CHILDREN CHANGE KINDERGARTENS?</td>
<td>241</td>
</tr>
<tr>
<td>L. Zilcher, J. Rican, M. Vostrý, Z. Svoboda</td>
<td></td>
</tr>
<tr>
<td>THE PROS AND CONS OF A STUDY CHOICE TEST</td>
<td>247</td>
</tr>
<tr>
<td>N. Wesseling</td>
<td></td>
</tr>
<tr>
<td>SOCIO-LINGUISTIC CHALLENGES ADULT AFRICAN FEMALE LEARNERS FACE IN ENGLISH L2 WRITING</td>
<td>248</td>
</tr>
<tr>
<td>L. van Huyssteen</td>
<td></td>
</tr>
<tr>
<td>DYNAMIC LEADERSHIP AS A DEPARTMENT CHAIR</td>
<td>249</td>
</tr>
<tr>
<td>L. Butler</td>
<td></td>
</tr>
<tr>
<td>EFFECTIVE TEACHING OF PROJECT MANAGEMENT FOR PROJECT-BASED CLASSES</td>
<td>253</td>
</tr>
<tr>
<td>IN UNIVERSITIES</td>
<td></td>
</tr>
<tr>
<td>T. Yokemura, M. Inoue</td>
<td></td>
</tr>
<tr>
<td>AN INTEGRATED SYSTEM MODEL FOR TRANSFORMING HIGHER EDUCATION</td>
<td>261</td>
</tr>
<tr>
<td>INSTITUTIONS THROUGH SUSTAINABLE DEVELOPMENT</td>
<td></td>
</tr>
<tr>
<td>Y. Owusu-Agyeman</td>
<td></td>
</tr>
<tr>
<td>THE RELEVANCE OF ENTREPRENEURIAL CULTURE IN UNIVERSITIES TO THE</td>
<td>268</td>
</tr>
<tr>
<td>DEVELOPMENT OF STUDENTS’ ENTREPRENEURIAL SKILLS</td>
<td></td>
</tr>
<tr>
<td>Y. Owusu-Agyeman</td>
<td></td>
</tr>
</tbody>
</table>
SPOCS: AN OUTSTANDING E-LEARNING TOOL
WE WILL LEAVE THE LIGHTS ON! - HISTORICAL FRAGMENTS AS AUGMENTED REALITY MOBILE GAME AT RUINED SITES
P. Kostia, N. Luostarinen
EXPERIENCE OF EXTERNAL COLLABORATION IN “ORGANIZATIONAL BEHAVIOR AND CHANGE MANAGEMENT” SUBJECT IN PRACTICAL LESSON
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez, M. Herrero-Casanova
IMPROVING THE STUDENT TRANSVERSAL COMPETENCE “EFFECTIVE ORAL COMMUNICATION” IN THE UNIVERSITY SUBJECT “INTRODUCTION TO BUSINESS ADMINISTRATION”
V. Guerola-Navarro, R. Oltra-Badenes, H. Gil-Gomez
THEORETICAL FRAMEWORK FOR DESIGN EDUCATION AT SCHOOL LEVEL IN INDIA
P.S. Joshi, V.S. Katiyar
ARE UNIVERSITIES AWARE OF ALL THE VALUES THAT CAN BE CO-CREATED IN THEIR RELATIONS WITH COMPANIES?
H. Calderón, T. Fayos, B. Moreno de Castro
WHICH VALUES ARE CO-CREATED THROUGH UNIVERSITY-BUSINESS RELATIONSHIPS IN DEVELOPING COUNTRIES?
T. Fayos, H. Calderón, B. Moreno de Castro
AN EDUCATION PROGRAMME ON DRUGS DESIGNED FOR 11- AND 12-YEAR-OLDS
TECHNICAL CREATIVITY OF PUPILS IN THE GENDER CONTEXT
P. Částková, J. Dostál
THE SEMANTIC COMPLEXITY ESTIMATION OF THE LEARNING TASK EXPLANATION
R. Mayer
THE PUPIL’S READING ACTIVITIES: RESULTS OF IMITATION MODELING
R. Mayer
FAKE NEWS AND HIGHER EDUCATION STUDENTS: A CASE STUDY
F.A. Sobral, N.S. Morais
SOCIAL COMMUNICATION STUDENTS’ PERCEPTIONS OF ONLINE MISINFORMATION
N.S. Morais, F.A. Sobral
MAKING A DRAMA OUT OF LEARNING: ACT II - REPLICATING A HR BUSINESS ENVIRONMENT IN THE POSTGRADUATE CLASSROOM: AN INTERDISCIPLINARY APPROACH
S. McCotter
GEN Z AT THE WORKPLACE: IMPACT ON EDUCATION AND TRAINING NEEDS
P. Peres, A. Mesquita
THE ORGANIZATION OF MOBILE LANGUAGE LEARNING IN RUSSIA: PROBLEMS AND PERSPECTIVES
A. Dubakov
FLIPPING PROJECT-BASED LEARNING FOR ENTREPRENEURSHIP EDUCATION
Y. Zarouk, M.J. Gonçalves, M.G. Chorão, S. Ribeiro, C. Silva, P. Peres
A DEEP LEARNING PRACTICUM: CONCEPTS AND PRACTICES FOR TEACHING ACTIONABLE MACHINE LEARNING AT THE TERTIARY EDUCATION LEVEL
N. Lao, I. Lee, H. Abelson
A PARTICIPANT OBSERVATION FOR THE UNDERSTANDING OF THE INTERACTION BETWEEN STUDENTS, PROFESSORS AND CONTENT IN THE ALGORITHMS SUBJECT
J.A. de Sena Quaresma, S.R. Bezerra Oliveira, M. Kogut Elíasquezvici
THE TEACHER’S PERCEPTUAL ERRORS AND THEIR INFLUENCE ON THE NUMBER OF POSITIVE REACTIONS AND INSTRUCTIONS TOWARDS PUPILS
L. Zilcher, J. Rican, V. Chityry
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>DALTON PLAN PUPILS’ PROGRESS IN READING COMPREHENSION AND METACOGNITIVE MONITORING: LONGITUDINAL STUDY</td>
<td>442</td>
</tr>
<tr>
<td>J. Rican, B. Lanková</td>
<td></td>
</tr>
<tr>
<td>ENLIGHTENING PRE-SERVICE TEACHERS FOR ENGLISH LANGUAGE LEARNERS AND IMMIGRANT STUDENTS' SUCCESS IN THE U.S.: EVIDENCE FROM A HOLISTIC MODEL</td>
<td>447</td>
</tr>
<tr>
<td>D. Romero, A. Romero de la Torre</td>
<td></td>
</tr>
<tr>
<td>STAKEHOLDER PARTICIPATION IN DESIGN LEARNING: CURRICULUM DEVELOPMENT AND COMMUNITY ENGAGEMENT IN THE FIELD OF INTERIOR ARCHITECTURE</td>
<td>454</td>
</tr>
<tr>
<td>S. Darcy</td>
<td></td>
</tr>
<tr>
<td>THAT ILLUSIVE BUTTERFLY: DISSECTING THE TERMINOLOGY WITHIN THE CREATIVITY DEBATE. CRITICAL AND CREATIVE THINKING UNPACKED</td>
<td>460</td>
</tr>
<tr>
<td>D. O’Connor</td>
<td></td>
</tr>
<tr>
<td>PLAY-BASED LEARNING IN WESTERN AUSTRALIAN SCHOOLS: CONTRIBUTING TO THE PROCESS FROM POLICY TO PRACTICE</td>
<td>461</td>
</tr>
<tr>
<td>D. O’Connor, C. Robinson, T. Treasure, L. Cranley, S. Wynne</td>
<td></td>
</tr>
<tr>
<td>THE EDUCATIONAL DISADVANTAGE AMONG VULNERABLE YOUTHS: HOW EARLY SCHOOL LEAVING AMONG YOUTH PLACED IN OUT-OF-HOME CARE VARIES ACROSS FOUR NORDIC COUNTRIES</td>
<td>470</td>
</tr>
<tr>
<td>M. Daehlen, A. Kääriälä, M. Berlin, M. Lausten, H. Hiilamo</td>
<td></td>
</tr>
<tr>
<td>SOUTH AFRICAN UNDERGRADUATE ENGINEERING STUDENTS’ ATTITUDES TOWARDS MATHEMATICS AS A KEY KNOWLEDGE DOMAIN: A COMPARATIVE ANALYSIS</td>
<td>475</td>
</tr>
<tr>
<td>S. Ramaila</td>
<td></td>
</tr>
<tr>
<td>TEACHING COMPUTER SCIENCE METHODOLOGY WORKSHOP</td>
<td>482</td>
</tr>
<tr>
<td>T. Benaya, E. Zur</td>
<td></td>
</tr>
<tr>
<td>EFFECT OF COMBINED SURGICAL CLINICAL PATHWAYS WITH INTERDISCIPLINARY LEARNING PATHWAYS INTERTWINED ON PATIENT OUTCOMES IN PRIMARY CARE HOSPITAL</td>
<td>491</td>
</tr>
<tr>
<td>A. Rahibali, L. Dali, P. Ouellet, M. Martin</td>
<td></td>
</tr>
<tr>
<td>BE PREPARED - USING WEB-BASED TECHNOLOGY TO PREPARE NURSING STUDENTS FOR A CLINICAL PLACEMENT IN THE EMERGENCY DEPARTMENT</td>
<td>497</td>
</tr>
<tr>
<td>D. Falconer, H. Metcalfe, J. Hamdorf</td>
<td></td>
</tr>
<tr>
<td>ACTIVE LEARNING FOR DEVELOPMENT OF A CONCEPTUAL UNDERSTANDING OF THE JORDAN CURVE THEOREM FOR PRESERVICE ELEMENTARY EDUCATION MAJORS AND NON-MATHMATICS MAJORS</td>
<td>505</td>
</tr>
<tr>
<td>P. Coggins</td>
<td></td>
</tr>
<tr>
<td>DEVELOPING A DEGREE APPRENTICESHIP IN INFRASTRUCTURE ASSET MANAGEMENT IN NEW ZEALAND</td>
<td>512</td>
</tr>
<tr>
<td>J. Mackay</td>
<td></td>
</tr>
<tr>
<td>THE USE OF VISUAL ELEMENTS IN AUTOMOTIVE TRADES TEXTBOOKS</td>
<td>522</td>
</tr>
<tr>
<td>J. Mackay</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMING THE TEACHING QUALITY STANDARD (TQS) IN ALBERTA: THE EFFECT ON TEACHER EDUCATION PRACTICUM EVALUATION</td>
<td>523</td>
</tr>
<tr>
<td>R. Bright, C. Mattatall</td>
<td></td>
</tr>
<tr>
<td>DEVELOPMENT OF A VIABLE CULTURAL, LINGUISTIC PERSONA OF A STUDENT JOURNALIST IN THE ACTIVITY SPACE OF AN ENGLISH STUDENT CLUB</td>
<td>528</td>
</tr>
<tr>
<td>A. Godina</td>
<td></td>
</tr>
<tr>
<td>ICT SKILLS ACQUIRING BY ELDERLY IMMIGRANTS IN ISRAEL</td>
<td>537</td>
</tr>
<tr>
<td>N. Khvorostianov</td>
<td></td>
</tr>
<tr>
<td>STEM SUPPLEMENTAL INSTRUCTION AT SAN FRANCISCO STATE UNIVERSITY, A LARGE, URBAN, HISPANIC-SERVING INSTITUTION</td>
<td>541</td>
</tr>
<tr>
<td>F. Bağlıs, E. Hsu, K. Rath, A. Peterfreund</td>
<td></td>
</tr>
<tr>
<td>FOREIGN LANGUAGE LEARNING WITH FLIPPED CLASSROOM METHOD IN HIGHER EDUCATION IN FINLAND</td>
<td>542</td>
</tr>
<tr>
<td>A. Kirkkomäki, P. Kavander, M. Tuunanen, S. Kettunen</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION OF STEM PROJECTS TO IMPROVE THE LEARNING OF PHYSICS CONTENTS IN THE PRIMARY EDUCATION CLASSROOM</td>
<td>549</td>
</tr>
<tr>
<td>G. Martinez-Borrego, M. Mateos-Núñez, F.L. Naranjo-Correa</td>
<td></td>
</tr>
</tbody>
</table>
EMOTIONAL, ATTITUDBINAL AND COMPETENCY ANALYSIS IN STEM AREAS OF SECONDARY SCHOOL STUDENTS VERSUS TEACHERS IN TRAINING
M. Mateos-Núñez, G. Martínez-Borreguero, F.L. Naranjo-Correa

ACADEMIC RESEARCH ON STAGES OF IDENTITY CRISIS SOLUTION IN THE CURRENT GENERATION Z
V. Strnadová, P. Voborník, K. Provazníková

TRANSITION AS A SHARED RESPONSIBILITY
A. Viničić Jevtic, I. Viskovic

SOCIAL OPINION ON SINGLE-FATHER FAMILIES AND THEIR INFLUENCE ON CHILD EDUCATION
M.N. Sepek, A. Viničić Jevtic

THE TRANSFER OF LEARNING IN THE WRITING AND DRAWING OF EQUATION OF SHEAR AND MOMENT IN BEAMS
J. Flores, D. Anzules

GUIDANCE OF THE PATH STUDENTS
J. Häkkinen, N. Lahtinen

NEW TRENDS AND EXPERIENCE REGARDING THE CAUSES OF CHILD OBESITY IN TEACHING UNIVERSITY STUDENTS OF PEDAGOGICAL FACULTIES
L. Pysny, J. Pyšna, D. Petru, D. Cihlar

THE USE OF NEW EXPERIENCE IN PREVENTING AND TACKLING CHILD OBESITY AS A PART OF TEACHING UNIVERSITY STUDENTS, THE FUTURE PRIMARY AND SECONDARY SCHOOL TEACHERS
L. Pysny, D. Petru, J. Pyšna, D. Cihlar

PHYSIOTHERAPEUTICAL METHODS IN THE PREVENTION OF FUNCTIONAL DISORDERS OF THE MUSCULOSKELETAL SYSTEM - A NEW TREND IN TEACHING REMEDIAL PHYSICAL EDUCATION TO UNIVERSITY STUDENTS
J. Pyšny, L. Pyšny, D. Petru, D. Cihlar

STRATEGIES, PRINCIPLES AND CHALLENGES IN HEALTH EDUCATION AIMED AT OBESITY
J. Pyšna, D. Petru, L. Pyšny, D. Cihlar

UNIVERSITIES, RESEARCH CENTERS AND THE WORLD OF PRODUCTION: A SCENARIO OF CHALLENGES AND THE BRAZILIAN POTENTIAL IN THE DEVELOPMENT OF FUTURE-BEARING SCIENCES
T. Alves Baptista, R. Lora Grando, W. Jablonka, R. Angeli

A STUDENT QUESTIONNAIRE TO SUPPORT STEM PROFESSIONAL DEVELOPMENT
T. O’Mahony, M. Hill, N.Q. Nam, N. Canty

TESTING-QUEST: A PROCEDURE AND TECHNOLOGY TO AUDIT TESTS AND EXAMS
J. Renom-Pinsach, P. Sánchez-Bernabé, E. Deval-Díez

USING EMOTIONAL INTELLIGENCE COACHING TO HELP COLLEGE STUDENTS SUCCEED
A. Carthy

INTERNATIONAL IT CAPSTONE PROJECT LEARNING EXPERIENCES
S. Zilora, M. Zagor

TEACHING ARTIFICIAL INTELLIGENCE USING PROJECT-BASED LEARNING
G. De la Cruz Martínez, C.R.M. Alvarado Zamorano

VIRTUAL REALITY IN TEACHING GEOGRAPHY
G. Bujdosó, E. Jázs, Z.M. Császár, A. Farsang, J. Kapusi, E. Molnár, K. Teperics

CREATIVE SKILLS IN VR – DEVELOPING STUDENTS’ CREATIVE SKILLS BY USING IMMERSIVE VIRTUAL REALITY IN TEACHER TRAINING
G. Bujdosó, C.M. Novac, O.C. Novac, F. Arany

VICTIMIZATION SURVEYS ON UNIVERSITY CAMPUSES: A SPATIAL COMPARISON
P.O. Weiss

SWEDISH IN 360 DEGREE ENVIRONMENTS
S. Sevón, T. Votkin

CREATIVITY AND INNOVATIVENESS AS FUTURE SKILLS
A. Eskelinen, R. Kanervo

THE ADMINISTRATIVE CHALLENGES OF POLICY MAKING FOR ESTIMATION OF FACULTY PERFORMANCE ACCOUNTABILITY
L. Kvinikadze, G. Ghvedashvili, A. Kukulava, T. Gogua, T. Tsetlanadze, T. Gavasheli
FIRST EXPERIENCES OF IMPLEMENTING BLOCK MODE TEACHING IN AN UNDERGRADUATE INFORMATION TECHNOLOGY DEGREE
G. Tan, S. Pradhan, A. Venables

TRANSFORMING REPRESENTATIONS OF PUBLIC PLACES THROUGH COLLECTIVE ACTIONS BETWEEN PEDAGOGY AND ARCHITECTURE
M. Guerra, L. Ottolini, L. Ferrari

THE STATE SEAL OF BILITERACY: PATHWAYS FROM PRIMARY, ELEMENTARY, AND MIDDLE GRADES: DISTRICT 299 SHOWCASE
J. Villegas

SUPPORTING LATINO FAMILIES OF CHILDREN WITH AUTISM SPECTRUM DISORDER
M. Tejero Hughes

THE POTENTIAL OF APPLYING COLD WATER IMMERSION AS A BENEFIT OF SPORT PERFORMANCE TRAINING AND TEACHING PHYSICAL EDUCATION
D. Petrů, J. Pysna, L. Pysny, S. Hajkova

CURRICULAR INTEGRATION OF COMPUTATIONAL THINKING, PROGRAMMING AND ROBOTICS IN BASIC EDUCATION: A PROPOSAL FOR TEACHER TRAINING
A.F. Monteiro, M. Miranda-Pinto, A. Osório, C. Araújo

WHERE IS MALAYSIA FOR IR 4.0? INTRODUCING LIFELONG LEARNING POLICY FRAMEWORK FOR IR 4.0 TO MALAYSIAN
S. Baqutayan, N.A. Mohamed Yusof, Z. Mohamed

FACTORS AFFECTING STUDENTS’ ATTITUDE TOWARDS PLAGIARISM
S. Baqutayan, A.R. Mohamed Ramli, L. Thiam Hin, M.Y. Derasol, J.S. Sihdu

DIGITAL LEARNING: GUARANTEEING IMPACT WHERE OTHERS HAVE FAILED
P. Hunter

ELECTRONIC EDUCATIONAL RESOURCE "ACQUAINTANCE WITH RUSSIAN VOCABULARY": CONCEPT, STRUCTURE, CONTENT AND OPPORTUNITIES
A. Mubarakshina, A. Karimova, O. Khasanova

PREDICTING THE STUDENT SKILLS’ LEVEL BASED ON AN ONLINE COLLABORATIVE LEARNING
T. Daouas, B. Rojas Medina, M.J. García Meseguer

DIGITAL BADGING, ALTERNATIVE AND COMPLEMENTARY CREDENTIALS OPPORTUNITIES
C.M. Montaudon-Tomas, I.N. Pinto-López, I.M. Montaudon-Tomas

SCIENTIFIC RESEARCH ACTIVITIES OF PUPILS IN LATVIA - FUTURE VISION FOR SUCCESSFUL STUDIES IN A UNIVERSITY
I. Volodko, S. Cernajeva

EUROPEAN LECTURERS’ PERCEPTIONS OF INTERACTIVE TOOLS IN LEARNING MANAGEMENT SYSTEMS
R. Garrote Jurado, T. Pettersson, C. Arazola Ruano
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SOCIOLOGY OF GENDER MEETS PHARMACY, UNIVERSITY MEETS HIGH SCHOOL: INTERDISCIPLINARITY THROUGH SERVICE LEARNING</td>
<td>849</td>
</tr>
<tr>
<td>L. Freude, A. Collado Sevilla, N. Vergés Bosch</td>
<td></td>
</tr>
<tr>
<td>DESIGNING ARTIFICIAL ENVIRONMENT FOR TEACHING COMMUNICATION IN A FOREIGN LANGUAGE</td>
<td>857</td>
</tr>
<tr>
<td>L. Dunaeca, H. Bourina</td>
<td></td>
</tr>
<tr>
<td>TEACHERS’ ATTITUDES AND EXPERIENCES OF DIGITAL TOOLS WITHIN SPEAKING PROFICIENCY IN FOREIGN LANGUAGE TEACHING AND LEARNING - INTERACTIONAL COMPETENCE LEFT IN THE DARK</td>
<td>861</td>
</tr>
<tr>
<td>E. Ericsson, S. Sofkova Hashemi, J. Lundin</td>
<td></td>
</tr>
<tr>
<td>TEACHING AND RESEARCH EDGAR A. POE: A TETRALOGY ON EXHIBIT</td>
<td>871</td>
</tr>
<tr>
<td>THE KEY ROLE OF THE TEACHER IN THE IMPLEMENTATION OF PEER ASSESSMENT IN HIGHER EDUCATION</td>
<td>879</td>
</tr>
<tr>
<td>N. Lopez</td>
<td></td>
</tr>
<tr>
<td>HOW TO IMPLEMENT A NATIONAL PROGRAM IN ACADEMIA AND ELEMENTARY SCHOOLS IN ISRAEL: CASE STUDY</td>
<td>888</td>
</tr>
<tr>
<td>H. Friman, N. Matsliah, Y. Sitbon, I. Banner, Y. Einav</td>
<td></td>
</tr>
<tr>
<td>CASE STUDY OF THE EVALUATION OF THE LIFE CYCLE OF A FACADE USING THE FLIP TEACHING METHOD</td>
<td>893</td>
</tr>
<tr>
<td>APPLICATION OF FLIPPED LEARNING TO THE LIFE CYCLE ASSESSMENT OF A COMPOSITE PEDESTRIAN BRIDGE</td>
<td>900</td>
</tr>
<tr>
<td>CONTINUAL AND FINAL TESTING WITHIN POSTGRADUATE COURSE IN DIABETOLOGY</td>
<td>908</td>
</tr>
<tr>
<td>P. Kudlová, R. Chlup, J. Zapletalová, I. Olecká</td>
<td></td>
</tr>
<tr>
<td>ROBOPRAX – TEACHING AND LEARNING WITH HUMANOID ROBOTS</td>
<td>918</td>
</tr>
<tr>
<td>S. Zeaiter, P. Heinsch</td>
<td></td>
</tr>
<tr>
<td>RELATIONS STRENGTHENING BETWEEN UNIVERSITY AND REGIONAL GOVERNMENTS TO ACCELERATE ECONOMIC DEVELOPMENT</td>
<td>926</td>
</tr>
<tr>
<td>S. Shabaeva, A. Kolesov</td>
<td></td>
</tr>
<tr>
<td>FOCUS AND CONTENT OF TEACHING INFORMATICS AT PRIMARY AND SECONDARY SCHOOLS</td>
<td>932</td>
</tr>
<tr>
<td>R. Fojtik</td>
<td></td>
</tr>
<tr>
<td>PEDAGOGY OF THE ARCHITECTURAL TALE: NARRATE AND CREATION OF SPACES</td>
<td>938</td>
</tr>
<tr>
<td>G. Díaz</td>
<td></td>
</tr>
<tr>
<td>ICT AND DIGITAL SKILLS OF UNIVERSITY STUDENTS OF COSTA RICAN EDUCATION</td>
<td>945</td>
</tr>
<tr>
<td>J.A. García Martíce</td>
<td></td>
</tr>
<tr>
<td>FLEXIBILITY - A KEY ELEMENT IN MODERN LEARNING ENVIRONMENTS</td>
<td>951</td>
</tr>
<tr>
<td>S. Sirkemaa, H. Varpelaide</td>
<td></td>
</tr>
<tr>
<td>SERVICE-LEARNING TO REFLECT ON GENDER IN UNIVERSITIES AND SCHOOLS AND BOOST WOMEN’S PRESENCE IN ICT</td>
<td>957</td>
</tr>
<tr>
<td>N. Vergés Bosch, L. Freude, C. Camps Calvet</td>
<td></td>
</tr>
<tr>
<td>INNOVATIVE TEACHING METHODS IMPROVES THE ATTITUDE OF UNIVERSITY STUDENTS TO LEGAL OCCUPATIONAL MEDICINE AND INCREASES THEIR SATISFACTION WITH THE TEACHING-LEARNING PROCESS</td>
<td>963</td>
</tr>
<tr>
<td>B. Abecia, I. Diana-Dominguez, M.A. Lopez-Verdejo, M. Bolea, J.L. Bernal, A. Luna, B. Martinez-Jarreta</td>
<td></td>
</tr>
<tr>
<td>SPACE FOR TWO: WHAT DO STUDENTS REQUIRE FROM BLENDED LEARNING?</td>
<td>969</td>
</tr>
<tr>
<td>J. Green</td>
<td></td>
</tr>
<tr>
<td>PEER ASSISTED STUDY SESSIONS (PASS) PEER MENTORING FOR WIDENING ACCESS AND INCLUSIVITY</td>
<td>970</td>
</tr>
<tr>
<td>C. O’Donnell, B. Murphy, B. Hunter</td>
<td></td>
</tr>
<tr>
<td>INTERACTIVE LEARNER ANALYTICS: INTERACTIVE DASHBOARDS FOR WIDENING ACCESS &amp; PARTICIPATION AND INCLUSIVITY</td>
<td>980</td>
</tr>
<tr>
<td>C. O’Donnell, B. Murphy, B. Hunter</td>
<td></td>
</tr>
<tr>
<td>MOBILE APPLICATIONS AND THEIR ROLE IN TEACHING ENGLISH – METHODOLOGICAL BASIS</td>
<td>986</td>
</tr>
<tr>
<td>B. Klimova, M. Pikhart</td>
<td></td>
</tr>
</tbody>
</table>
DIGITAL TRANSFORMATION OF INTERCULTURAL COMMUNICATION
M. Pikhart, B. Klimova

COLLABORATIVE DESIGN PROJECT OF PUBLIC SPACES THROUGHOUT LEARNING-SERVICE AND DESIGN THINKING
L. de Miguel Álvarez, R. Díaz-Obregón Cruzado, S. Nuere, S. Martínez Álvarez, G. García-Badell Delibes, F. Santos Olalla

HUMANITARIAN STRATEGIES IN REGIONAL UNIVERSITIES OF RUSSIA
M. Siraeva, A. Gazizova

DISTRIBUTION OF HEXAD GAMIFICATION USER TYPES AND THEIR ASSOCIATION WITH INTRINSIC MOTIVATION IN OPEN AND DISTANCE LEARNING SYSTEMS
D. Şenocak, K. Bütük, A. Bozkurt

FIVE YEARS INTO BLENDED LEARNING: WHAT HAVE WE LEARNED? A RETROSPECTIVE LOOK
J.A. Hunnes, T.S. Olsen

PROBLEMS AND PROSPECTS OF THE RUSSIAN EDUCATIONAL SYSTEM FINANCING
E. Martynenko

TECHNOLOGIES OF HIGHER EDUCATION STATE FINANCING IN EUROPEAN COUNTRIES
S. Martynenko

NEW WAY TO TEACHING ALGEBRAIC EQUATIONS
P. Magnaghi-Delfino, T. Norando

LEARNING ENGLISH BY HEALTHY OLDER INDIVIDUALS
M. Valis, B. Klimova

THE UNDERGRADUATES AND THE UNDERSTANDINGS ABOUT TEACHING PRACTICES THROUGH THE DEVELOPMENT OF DIGITAL AUTHORIAL EDUCATIONAL MATERIALS
L. de Lima, R.C. Loureiro, B. Collíjer de Aguiar

SOCIAL JUSTICE LEADERSHIP IN SPANISH SCHOOLS: RESEARCHER PERSPECTIVES
C. Slater, P. Silva, S. Antunez

ADOPTION AND ACCEPTANCE OF SMART TEACHING BY HIGHER EDUCATION INSTRUCTORS
H. Selim, R. Eid, G. Agag

THE CONTRIBUTION OF COLLABORATIVE APPROACHES FOR DEVELOPING READING AND WRITING SKILLS IN INCLUSIVE HIGH SCHOOL CONTEXTS
F. Dube, C. Ouellet, F. Dufour

GENDER EQUALITY IN EDUCATION: WOMEN’S LIFE-LONG LEARNING ELIMINATING GENDER INEQUALITY?
L. Snellman

OUTSTANDING DEVELOPMENT IN STUDENT E-SERVICES: A CASE STUDY OF THE ELECTRONIC STANDARDIZED LETTERS OF RECOMMENDATION (E-SLOR)
H. Brdesee

EVALUATING THE LEARNING, DESIGN AND ENGAGEMENT VALUE OF MOBILE APPLICATIONS: THE MOBILE APP EVALUATION SCALE
R. Kay, A. Lesage, D. Tepylo

BIBLIOMETRICS AS A ROBUST ANALYTICAL TOOL FOR RESEARCH IN HIGHER EDUCATION
I.N. Pinto-López, C.M. Montaudon-Tomas, J.G. de la Vega-Meneses

COMPLETERS’ ENGAGEMENT CLUSTERS IN PROGRAMMING MOOC: THE CASE OF ESTONIA
L. Feklistova, M. Lepp, P. Luik

LEARNING FROM FAILURE-EXTENDED PATHWAYS TO PRACTICE SUCCESS
E. Tuite

MAKING SCIENTIFIC KNOWLEDGE ACCESSIBLE TO ULTRA-ORTHODOX JEWS
H. Friman, E. Dabbah, Y. Sitbon, I. Banner, Y. Einav

HUMOR: A MULTIDISCIPLINARY APPROACH TO TEACHING FUNNY
J.D. Rich

TEACHERS’ PERCEPTIONS OF READING HABITS AND ATTITUDES OF GRADES 8 TO 10 FIRST ADDITIONAL LANGUAGE LEARNERS IN SOUTH AFRICA
T. Olifant, M.P. Cekiso
SWITCHING BETWEEN SCHOOLS: BEING A Pupil OF CZECH SCHOOL WITHOUT BORDERS IN LONDON, GREAT BRITAIN
S. Rubešová

COGNITIONS AND PERSONAL FACTORS ASSOCIATED WITH ECUADORIAN TEACHERS’ BEHAVIORAL INTENTION TO PROVIDE COMPREHENSIVE SEXUALITY EDUCATION
J. Castillo, M. Valcke, I. Derluyn

IDENTIFICATION OF READINESS TO USE DIGITAL TECHNOLOGIES BY PROSPECTIVE PRIMARY TEACHERS IN MATHEMATICS
R. Dofková, D. Nocar, T. Zdráhal

THE EFFECTS OF ICT ON STUDENT ACHIEVEMENT IN MATHEMATICS
T. Zdráhal, R. Dofková, D. Nocar

PEER GROUP MENTORING AS A WAY TO SUPPORT THE WELL-BEING AND COMPETENCE DEVELOPMENT OF UNIVERSITY PERSONNEL
P. Nurkka

IMPLEMENTING CONTENT AND LANGUAGE INTEGRATED LEARNING PRINCIPLES AT TERTIARY LEVEL
N. Melkonyan, N. Bekaryan, N. Grigoryan

PERSPECTIVES ON TEACHERS’ PROFESSIONAL DIGITAL COMPETENCE
M. Johannesen, L. Øgrim, O.E. Hatlevik

1,2,3 – GETTING READY! CONSTRUCTING AN ONLINE MODULE OF MATHEMATICS FOR SECOND LANGUAGE LEARNERS OF SOCIAL SERVICES AND HEALTHCARE STUDIES IN A HIGHER EDUCATION PREPARATORY PROGRAM
K. Kuparinen, M. Tanskanen

ABOUT SERENDIPITY INSIDE PROJECTS OR IMPROVE WHAT IS UNPREDICTABLE
J.P. Bécar, J. Vareille

EXPLORING NEW APPROACHES TO STUDENT TRANSFER IN THE PROVINCE OF ONTARIO
K. Kainulainen, C. Zerpa

AN APPROACH FOR TEACHING AND UNDERSTANDING COMPUTER NETWORKS USING REALISTIC EMULATION TOOL
M. Mikac, M. Horvatić

CORPORATE THE MUSICAL AUDITION: “LIVE MUSICOGRAMS” IN TRAINING OF TEACHER CHILDHOOD EDUCATION
M.M. Bernabé Villodre

HAS RESEARCH ON MUSICAL CONTRIBUTIONS TO THE INTERCULTURAL EDUCATIONAL PROCESS ADVANCED? REVIEW OF DOCTORAL THESES
M.M. Bernabé Villodre

IMPLEMENTATION OF COMPETENCES IN THE TEACHING OF PHARMACOLOGY. AGREEMENTS AND DISAGreements AMONG TEACHERS
G. Fernández Saavedra, J.A. Rojas Ramírez

LANGUAGE EDUCATION REFORM IN A FINNISH UNIVERSITY OF APPLIED SCIENCES
P. Pollari, T.H. Kotikoski

TEACHING RHETORIC TO FUTURE PREACHERS
N. Naydenova, L. Sorokina, V. Labko

TEACHING LATIN AMERICAN CIVILIZATION THROUGH ANTHROPONOMASTICS
O. Chesnokova, N. Naydenova, M. Radovic

MATRICES IN THE EDUCATION OF THE FUTURE TRANSPORT ENGINEERS WITH SUPPORT OF MATLAB
J. Kulička, I. Matoušková

BUILDING BRIDGES BETWEEN UNIVERSITIES OF APPLIED SCIENCES AND THE JOB MARKET – ARTIFICIAL INTELLIGENCE BOOSTING HIGHER EDUCATION

INFLUENCE OF TRUST RELATIONS AT THE UNIVERSITY ON INTELLECTUAL ACTIVITY OF STUDENTS
P. Ambarova

SCHOOL AND PARENTS: OPPORTUNITIES AND PROBLEMS OF INTERACTION
P. Ambarova, G. Zborovský
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>INFLUENCE OF ADDICTIONS TO NEW TECHNOLOGIES ON YOUNG PEOPLE’S</td>
<td>1276</td>
</tr>
<tr>
<td>SLEEPING AND EATING HABITS</td>
<td></td>
</tr>
<tr>
<td>CHALLENGES FACED BY HIGHER EDUCATION IN IMPLEMENTING INCLUSIVE</td>
<td>1284</td>
</tr>
<tr>
<td>EDUCATION</td>
<td></td>
</tr>
<tr>
<td>M. Mashiapata</td>
<td></td>
</tr>
<tr>
<td>DESIGN OF VIRTUAL REALITY LEARNING ENVIRONMENTS: STEP-BY-STEP</td>
<td>1285</td>
</tr>
<tr>
<td>GUIDANCE</td>
<td></td>
</tr>
<tr>
<td>SPATIAL COMPREHENSION OF CRYSTAL LATTICES THROUGH VIRTUAL REALITY</td>
<td>1291</td>
</tr>
<tr>
<td>APPLICATIONS</td>
<td></td>
</tr>
<tr>
<td>THE NEW MODEL OF TEACHER EDUCATION IN POLAND THE DIRECTIONS OF</td>
<td>1296</td>
</tr>
<tr>
<td>CHANGES IN THE CONTEXT OF THE EXISTING RESEARCH AND TEACHING</td>
<td></td>
</tr>
<tr>
<td>PRACTICES</td>
<td></td>
</tr>
<tr>
<td>COOPERATION BETWEEN UNIVERSITY AND INDUSTRY IN THE RESEARCH OF THE</td>
<td>1303</td>
</tr>
<tr>
<td>SUITABILITY OF AGILE METHODOLOGIES IN SOFTWARE DEVELOPMENT</td>
<td></td>
</tr>
<tr>
<td>L.F. Bordeaux Mattos, A. Oliveira, R. Ribeiro</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMATIONAL LEADERSHIP AS AN ALTERNATIVE FOR THE MANAGEMENT</td>
<td>1312</td>
</tr>
<tr>
<td>OF EDUCATIONAL CENTERS</td>
<td></td>
</tr>
<tr>
<td>J.A. García Martínez, V. Cerdas Montano</td>
<td></td>
</tr>
<tr>
<td>LEARNING BY PROJECTS IN THE REM ERASMUS MUNDUS MASTER: AN</td>
<td>1319</td>
</tr>
<tr>
<td>EDUCATIONAL EXPERIENCE WITH WIND AND WAVES</td>
<td></td>
</tr>
<tr>
<td>G. Barra-Berastegui, A. Ulatzio, G. Esnuola, P. Serras, J. Saénz</td>
<td></td>
</tr>
<tr>
<td>COMBINING PRACTICALS AT A RESEARCH LABORATORY, VISITS TO FACILITIES</td>
<td>1327</td>
</tr>
<tr>
<td>AND HANDS-ON COMPUTER EXERCISES TO TEACH MARINE ENERGY</td>
<td></td>
</tr>
<tr>
<td>G. Barra-Berastegui, A. Ulatzio, U. Izquierdo, S. Carrero-Medinaletia</td>
<td></td>
</tr>
<tr>
<td>CURRENT RELATIONSHIP OF CZECH MATHEMATIC TEACHERS TO USE DIGITAL</td>
<td>1334</td>
</tr>
<tr>
<td>TECHNOLOGIES IN TEACHING</td>
<td></td>
</tr>
<tr>
<td>J. Latochova, J. Hodaňová, D. Nocar</td>
<td></td>
</tr>
<tr>
<td>PROFESSIONAL ACTIVITIES AND WORKLOAD OF PRIMARY SCHOOL TEACHERS:</td>
<td>1340</td>
</tr>
<tr>
<td>INTERNATIONAL COMPARISON</td>
<td></td>
</tr>
<tr>
<td>B. Kasáčová, S. Babiaňová, D. Hanesová</td>
<td></td>
</tr>
<tr>
<td>ERASMUS+ AS A SOURCE OF THE BEST PRACTICE</td>
<td>1350</td>
</tr>
<tr>
<td>J. Budík, O. Schlossberger</td>
<td></td>
</tr>
<tr>
<td>READING PREFERENCES’ ANALYSIS OF SLOVAK YOUNGER LEARNERS</td>
<td>1356</td>
</tr>
<tr>
<td>S. Babiaňová, B. Kasáčová</td>
<td></td>
</tr>
<tr>
<td>TEACHING CONTENT DEVELOPMENT FOR COMPUTATIONAL THINKING SKILLS</td>
<td>1364</td>
</tr>
<tr>
<td>IMPLEMENTATION</td>
<td></td>
</tr>
<tr>
<td>A. Juškevičienė</td>
<td></td>
</tr>
<tr>
<td>ENVIRONMENTAL INFLUENCES ON EXTERNAL STAKEHOLDER ENGAGEMENT IN HEIS</td>
<td>1373</td>
</tr>
<tr>
<td>R. Vancelee, R. Kelly</td>
<td></td>
</tr>
<tr>
<td>CONTRIBUTION OF CULTURAL HERITAGE SITES TO THE ENHANCEMENT OF</td>
<td>1374</td>
</tr>
<tr>
<td>YOUNG PEOPLE’S CULTURAL LITERACY</td>
<td></td>
</tr>
<tr>
<td>A. Stasulane</td>
<td></td>
</tr>
<tr>
<td>TEACHING ACTIVITY AND EVALUATION OF CRITICAL THINKING IN PRIMARY</td>
<td>1380</td>
</tr>
<tr>
<td>SCHOOL</td>
<td></td>
</tr>
<tr>
<td>F. Anello</td>
<td></td>
</tr>
<tr>
<td>THROUGH SWOT ANALYSIS AND INTERNSHIP IN INITIAL TEACHER FORMATION</td>
<td>1390</td>
</tr>
<tr>
<td>F. Anello</td>
<td></td>
</tr>
<tr>
<td>COOPERATION WHEN DEVELOPING CHILD HEALTH COMPETENCES AT SCHOOL</td>
<td>1399</td>
</tr>
<tr>
<td>V. Gudžinskienė, R. Raudeliūnaitė</td>
<td></td>
</tr>
<tr>
<td>EXCHANGING GLANCES ON THE DEVELOPMENT OF A JOINT EDUCATION AND</td>
<td>1407</td>
</tr>
<tr>
<td>RESEARCH PROGRAMME CARRIED OUT AT A SECONDARY SCHOOL IN A</td>
<td></td>
</tr>
<tr>
<td>SOCIOECONOMICALLY UNDERPRIVILEGED MILIEU</td>
<td></td>
</tr>
<tr>
<td>C. Pratginestós, J. Solans, D. Masats</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF INTERACTIVE ACTIVITIES WHEN DEVELOPING HEALTH</td>
<td>1413</td>
</tr>
<tr>
<td>COMPETENCES IN PUPILS OF 5-10TH FORMS</td>
<td></td>
</tr>
<tr>
<td>V. Gudžinskienė, R. Raudeliūnaitė</td>
<td></td>
</tr>
</tbody>
</table>
COMPANIES’ PERCEPTION OF THE STUDENTS’ WORK IN A COLLABORATIVE UNIVERSITY/INDUSTRY ENVIRONMENT
E. Flores

TECHNOLOGY DEVELOPMENT IN THE INDUSTRY: COLLABORATIVE MODEL UNIVERSITY-INDUSTRY TO IMPROVE PRODUCTIVITY WITH AUTOMATION IN MEDIUM-SIZE ENTERPRISES IN MÉXICO
V.A. León Hernández, D.L. De la Cruz Aragón, J.G. Vera Dimas, R. López Sesenes

SOFT SVENSKA - A COMFORTABLE, MEANINGFUL AND FUN APPROACH TO LEARNING SWEDISH WITH PICTURES AND AUDIO
H. Laurikainen, S. Tamminen-Parre

THE USE OF SIMULATORS IN THE TEACHING OF PHARMACOLOGY. STUDENTS’ OPINION OF THE BACHELOR’S DEGREE IN CHEMISTRY PHARMACEUTICAL-BIOLoGIST
A.M. Vázquez Álvarez, G. Fernández Saavedra

TOWARDS INCLUSIVE LANGUAGE: EXPLORING STUDENT-LED APPROACHES TO TALKING ABOUT DISABILITY-RELATED STUDY NEEDS
K. Lister, E. McPherson, T. Coughlan, A.M. Gallen, V. Pearson

STREAMLINING MANAGERIAL SKILLS OF GENERATION Z AND Y BY GAMIFICATION
E. Korcsmaros, R. Machova, Z. Godany, L. Feher

“WHAT, WHY, AND WHERE” EXPLORING NURSING STUDENTS’ USE OF MOBILE DEVICES
L. Corcoran, R. Roder

DEVELOPMENT OF PSYCHOLOGICAL AND PEDAGOGICAL COMPETENCE OF GENERAL EDUCATION TEACHERS BY USING DIGITAL TECHNOLOGIES
E. Selivanova, N. Yarychev, D. Ilyasov

CREATION OF ELECTRONIC LINGUISTIC CORPUS IN THE PROCESS OF THE CLIL METHODOLOGY IMPLEMENTATION
S. Suvorova, T. Khilenko

EARLY PROFESSIONAL DEVELOPMENT FOR THIRD-LEVEL STUDENTS
N. Flynn, S. Dempsey

CONECTADO IN THE CLASSROOM: APPLYING A VIDEO GAME FOR THE PREVENTION OF BULLYING AT THE SCHOOL
A. Calvo-Morata, C. García-Diego, M. Freire, I. Martínez-Ortiz, B. Fernández-Manjón

PREPARATION OF DIGITAL EDUCATIONAL RESOURCES ON SOLVING MOTION WORD PROBLEMS IN THE THEMATIC MODULE MATHEMATICS AND ITS APPLICATION IN THE PROJECT SUPPORT FOR THE DEVELOPMENT OF DIGITAL LITERACY
L. Honzik, S. Tomiczkova

CREATING TEACHER PRESENCE IN AN ONLINE LANGUAGE COURSE (FINNISH LANGUAGE)
A. Elg, S. Rämö

SOLVING MATHEMATICAL PROBLEMS IN AN INTERNATIONAL CONTEXT
M. Ulitšenov, M. Škuláctý

THE ASSESSMENT OF STUDENTS’ UNDERSTANDING AND MISUNDERSTANDING IN PHYSICS LEARNING AT TECHNICAL UNIVERSITIES
P. Hockicko, G. Tarjányiová, N. Kopylova, A. Dyagilev, A. Ivanikov

THE QUALITY OF LEARNING IN ACCOUNTING EDUCATION: THE IMPACT OF APPROACHES TO STUDENTS’ PERFORMANCE
I. Arbidane, I. Mietule

CREATING TRANSMEDIA NARRATIVES AND LITERACIES: THE CASE OF CHILDREN IN MEXICO CITY
P. Baptista-Lucio, M.T. Nicolás-Gavilán, C. Fernández Collado

THE BOLOGNA PROCESS APPLIED TO CREATIVE EXPERIENCES
B. Butragueno, J.F. Raposo, M.A. Salgado

OCCUPATIONAL HEALTH AND SAFETY EDUCATION: THE PREVENTION AND PROTECTION PLAN IN UNIVERSITY CHEMICAL LABORATORIES
C. Dufour, A.M. Parã, G.A. Dumitrel

ON EXPLAINING VARIABLE RANGE IN STANDARD PROGRAMMING LANGUAGES (TO STEM STUDENTS)
M. Mikac, M. Horvatić
NEW DIRECTIONS FOR INTERCULTURAL UNDERSTANDING
M. Myers
1703

TOWARDS THE DEVELOPMENT OF INCLUSIVE STRATEGIES FOR ENHANCING CULTURAL LITERACY AMONG YOUNG PEOPLE
J. Priede
1711

SVEBINAR - AN INTERNATIONAL PROJECT TO IMPROVE STUDENTS' SWEDISH ORAL SKILLS WHILE STUDYING ONLINE AND USING FLIPPED LEARNING AS A METHOD
S. Kazaka
1712

SERVICE LEARNING METHODOLOGY IN BUILDING GLOBAL COMPETENCIES OF UNIVERSITY STUDENTS
D. Hanesova, L. Kubisova
1717

ENHANCING INNOVATION CAPACITY OF SMES IN BALKAN-MEDITERRANEAN AREA THROUGH REGIONAL BASED CENTERS OF EXCELLENCE AS TECHNOLOGY DRIVERS
V. Jecheva, M. Baltov, A. Toshkov, E. Nikolova
1727

FOSTERING YOUTH DIGITAL SKILLS THROUGH OPEN EDUCATIONAL RESOURCES
V. Jecheva, A. Toshkov, T. Kotzeva, K. Mineva
1737

IMPROVING STUDENTS' CONFIDENCE IN SPEAKING A SECOND LANGUAGE: USING TALKABROAD [VIDEOCONFERENCE WITH NATIVE SPEAKERS] IN SPANISH COURSES
J. Lang-Rigal, D. Galarreta-Aima
1744

ACADEMIC WRITING MOOCS: WRAP AROUND OR WRAP THEM UP
M. Rudneva, N. Valeeva, R. Faizi, E. Pavlova, K. Ulanova
1754

EFFECTIVE USE OF COMPUTER GAMES AS AN EDUCATIONAL RESOURCE IN THE PROCESS OF FOREIGN LANGUAGE TEACHING
A. Seliutin, A. Seliutin
1759

INTERNATIONAL COMPARATIVE PERSPECTIVES OF THE TRENDS IN DEVELOPMENT OF PHD SUPERVISORS
D. Hanesova, S. Saari
1764

VIRTUAL REALITY ENHANCED TASK-BASED LANGUAGE TEACHING: MAKING FOREIGN LANGUAGE ACQUISITION MORE INTERACTIVE AND REALISTIC
A. Barkel, S. Fernández Cuenca
1774

FINANCIAL PLANNING IN MANAGERIAL ECONOMICS
M. Szalanski
1775

SELF-EFFICACY PERSPECTIVES IN ADOLESCENTS WITH DYSLEXIA
P. Anderson
1782

SUPPORTING IMPROVEMENT IN TEACHING AND LEARNING OUTCOMES WITH INSIGHTS DRIVEN APPLICATION OF BIOMETRICS TO CREATE AN INTEGRATED, AUTOMATED, HOLISTIC STUDENT ENGAGEMENT ANALYSIS TOOL
P. Westcott
1783

MODELLING AN HOLISTIC ARTIFICIAL INTELLIGENT EDUCATION MODEL FOR OPTIMAL LEARNER ENGAGEMENT AND INCLUSION
T. Mehigan, I. Pitt
1795

HOW TO BECOME A UBIQUITOUS ONLINE TEACHER – TEACHER PRESENCE IN FOREIGN LANGUAGE ONLINE LEARNING ENVIRONMENTS
S. Puranen
1824

WHAT HAPPENS IN OUR FLIPPED CLASSROOM?
P. Kudel, A. Blanco
1825

DIGITAL TRANSFORMATION IN HIGHER EDUCATION: SELECTION, TEST AND ACQUISITION OF A BUSINESS SUPPORT SYSTEM – EXPERIENCES FROM THE FIELD AND LESSONS LEARNED
1826
MATHEMATICS AND SCIENCE STUDY THROUGH THE ARTS
M. Tramonti

EFFECTIVENESS OF THE FLIPPED CLASSROOM METHODOLOGY IN THE PERFORMANCE OF HIGHER EDUCATION STUDENTS - SYSTEMATIC REVIEW WITH META-ANALYSIS
H. Santos, A. Santos, C. Rodrigues, J. Valeriano, L. Lopes, M.J. Freitas, R. Esteves, C. Silva

DEVELOPMENT OF MOTION PREREQUISITES OF PHYSICALLY ACTIVE AND INACTIVE YOUNGER SCHOOL-AGE PUPILS
D. Benešová, K. Švátora

USING E-LEARNING IN TEACHING OF THE MATRICES
I. Matoušková, J. Kučík

EDUCATIONAL APPLICATIONS FOR DEVELOPMENT AND TRAINING OF CHILDREN UP TO THE AGE OF 6
A. Nikolova

THE INCREASE OF JUVENILE DELINQUENCY IN HIGH SCHOOLS AS A CONSEQUENCE OF THE FINANCIAL CRISIS. THE CASE OF THE JUNIOR HIGH SCHOOL OF ARAVISSOS, THE PELLA REGION, GREECE
C.D. Ene, K. Kechagias

THE ACADEMIC RISK IN THE TUTORIAL FUNCTION
T.B. Quintero Bastos, M.P. Enríquez Gómez, E. Aguilar Canseco, A. Zepeda Pinela, M. Pérez Magica

THE IMPACT OF ROBOTICS COMPETITIONS ON THE PREPARATION OF ENGINEERING STUDENTS
M. Ben Ghali

CHILDREN WITH SPECIAL NEEDS EDUCATIONAL POLICIES, PRACTICES AND WELLBEING: A CROSS-CULTURAL APPROACH BETWEEN FRANCE AND THE UK
C. Coron

DEVELOPING EMPLOYABILITY SKILLS REQUIRED BY THE 21ST CENTURY WORKPLACE THROUGH AGILE TEAM PROJECT-BASED LEARNING
E. Švejdarová

EMPOWERING RESEARCH AS A VEHICLE OF TRANSFORMATIVE LEARNING
E. Švejdarová

A REGRESSION ANALYSIS OF COGNITIVE AND AFFECTIVE PREDICTORS OF SECOND LANGUAGE ANXIETY AMONG CHINESE UNIVERSITY STUDENTS
W. Yu, E. Thompson

CREATIVE WRITING AND READING ON MULTIMEDIA ENVIRONMENTS WITH STUDENTS WITH DISABILITIES
M. Barbas, P. Matos

PARTICIPATORY LEARNING: THE CASE OF PING CHE IN CITY DEVELOPMENT IN HONG KONG
V.Y.H. Chan, K.P. Wong

THE IMPACT OF INSTITUTIONAL CONDITIONS ON MODERNIZATION OF STEM EDUCATION IN RUSSIAN REGIONS
L. Bannikova, E. Kemmet, E. Nidergaus

DEVELOPMENT OF AUGMENTED REALITY MULTIMEDIA FOR DISTANCE EDUCATION OF SUKHOTHAI THAMMATHIRAT OPEN UNIVERSITY
A. Sonkanok, S. Saenpich

INTEGRATION OF INDUSTRY 4.0 TECHNOLOGIES WITH SOCIAL AND BEHAVIORAL ANALYSIS TO SHAPE A SMART LEARNING EXPERIENCE IN HIGHER EDUCATION
E. Abukhousa

NEW LEARNING FRAMEWORK FOR ‘RADIO SIGNALS’ COURSE IN THE RADIOELECTRONIC ENGINEERING DEGREE
A.I. Vázquez, C. Mascareñas, J.M. Núñez

OPEN-DESIGN ROV: A MULTIDISCIPLINARY AND COLLABORATIVE PROJECT AMONG DIFFERENT AREAS OF KNOWLEDGE
A.I. Vázquez Mejías, A. Yáñez Escolano, C. Mascareñas Pérez-Íñigo, E. Guerrero Vázquez, G. Barcena González, P.L. Galindo Ruano

TEACHING ONLINE RUSSIAN LANGUAGE AS A FOREIGN LANGUAGE THROUGH SOCIAL NETWORKS (INICIAL STAGE)
E. Strelchuk, S. Ermolaev

A REGRESSION ANALYSIS OF COGNITIVE AND AFFECTIVE PREDICTORS OF SECOND LANGUAGE ANXIETY AMONG CHINESE UNIVERSITY STUDENTS
W. Yu, E. Thompson

CREATIVE WRITING AND READING ON MULTIMEDIA ENVIRONMENTS WITH STUDENTS WITH DISABILITIES
M. Barbas, P. Matos

PARTICIPATORY LEARNING: THE CASE OF PING CHE IN CITY DEVELOPMENT IN HONG KONG
V.Y.H. Chan, K.P. Wong

THE IMPACT OF INSTITUTIONAL CONDITIONS ON MODERNIZATION OF STEM EDUCATION IN RUSSIAN REGIONS
L. Bannikova, E. Kemmet, E. Nidergaus

DEVELOPMENT OF AUGMENTED REALITY MULTIMEDIA FOR DISTANCE EDUCATION OF SUKHOTHAI THAMMATHIRAT OPEN UNIVERSITY
A. Sonkanok, S. Saenpich

INTEGRATION OF INDUSTRY 4.0 TECHNOLOGIES WITH SOCIAL AND BEHAVIORAL ANALYSIS TO SHAPE A SMART LEARNING EXPERIENCE IN HIGHER EDUCATION
E. Abukhousa

NEW LEARNING FRAMEWORK FOR ‘RADIO SIGNALS’ COURSE IN THE RADIOELECTRONIC ENGINEERING DEGREE
A.I. Vázquez, C. Mascareñas, J.M. Núñez

OPEN-DESIGN ROV: A MULTIDISCIPLINARY AND COLLABORATIVE PROJECT AMONG DIFFERENT AREAS OF KNOWLEDGE
A.I. Vázquez Mejías, A. Yáñez Escolano, C. Mascareñas Pérez-Íñigo, E. Guerrero Vázquez, G. Barcena González, P.L. Galindo Ruano

TEACHING ONLINE RUSSIAN LANGUAGE AS A FOREIGN LANGUAGE THROUGH SOCIAL NETWORKS (INICIAL STAGE)
E. Strelchuk, S. Ermolaev

A REGRESSION ANALYSIS OF COGNITIVE AND AFFECTIVE PREDICTORS OF SECOND LANGUAGE ANXIETY AMONG CHINESE UNIVERSITY STUDENTS
W. Yu, E. Thompson

CREATIVE WRITING AND READING ON MULTIMEDIA ENVIRONMENTS WITH STUDENTS WITH DISABILITIES
M. Barbas, P. Matos

PARTICIPATORY LEARNING: THE CASE OF PING CHE IN CITY DEVELOPMENT IN HONG KONG
V.Y.H. Chan, K.P. Wong

THE IMPACT OF INSTITUTIONAL CONDITIONS ON MODERNIZATION OF STEM EDUCATION IN RUSSIAN REGIONS
L. Bannikova, E. Kemmet, E. Nidergaus

DEVELOPMENT OF AUGMENTED REALITY MULTIMEDIA FOR DISTANCE EDUCATION OF SUKHOTHAI THAMMATHIRAT OPEN UNIVERSITY
A. Sonkanok, S. Saenpich

INTEGRATION OF INDUSTRY 4.0 TECHNOLOGIES WITH SOCIAL AND BEHAVIORAL ANALYSIS TO SHAPE A SMART LEARNING EXPERIENCE IN HIGHER EDUCATION
E. Abukhousa

NEW LEARNING FRAMEWORK FOR ‘RADIO SIGNALS’ COURSE IN THE RADIOELECTRONIC ENGINEERING DEGREE
A.I. Vázquez, C. Mascareñas, J.M. Núñez

OPEN-DESIGN ROV: A MULTIDISCIPLINARY AND COLLABORATIVE PROJECT AMONG DIFFERENT AREAS OF KNOWLEDGE
A.I. Vázquez Mejías, A. Yáñez Escolano, C. Mascareñas Pérez-Íñigo, E. Guerrero Vázquez, G. Barcena González, P.L. Galindo Ruano

TEACHING ONLINE RUSSIAN LANGUAGE AS A FOREIGN LANGUAGE THROUGH SOCIAL NETWORKS (INICIAL STAGE)
E. Strelchuk, S. Ermolaev

A REGRESSION ANALYSIS OF COGNITIVE AND AFFECTIVE PREDICTORS OF SECOND LANGUAGE ANXIETY AMONG CHINESE UNIVERSITY STUDENTS
W. Yu, E. Thompson

CREATIVE WRITING AND READING ON MULTIMEDIA ENVIRONMENTS WITH STUDENTS WITH DISABILITIES
M. Barbas, P. Matos

PARTICIPATORY LEARNING: THE CASE OF PING CHE IN CITY DEVELOPMENT IN HONG KONG
V.Y.H. Chan, K.P. Wong

THE IMPACT OF INSTITUTIONAL CONDITIONS ON MODERNIZATION OF STEM EDUCATION IN RUSSIAN REGIONS
L. Bannikova, E. Kemmet, E. Nidergaus

DEVELOPMENT OF AUGMENTED REALITY MULTIMEDIA FOR DISTANCE EDUCATION OF SUKHOTHAI THAMMATHIRAT OPEN UNIVERSITY
A. Sonkanok, S. Saenpich

INTEGRATION OF INDUSTRY 4.0 TECHNOLOGIES WITH SOCIAL AND BEHAVIORAL ANALYSIS TO SHAPE A SMART LEARNING EXPERIENCE IN HIGHER EDUCATION
E. Abukhousa

NEW LEARNING FRAMEWORK FOR ‘RADIO SIGNALS’ COURSE IN THE RADIOELECTRONIC ENGINEERING DEGREE
A.I. Vázquez, C. Mascareñas, J.M. Núñez

OPEN-DESIGN ROV: A MULTIDISCIPLINARY AND COLLABORATIVE PROJECT AMONG DIFFERENT AREAS OF KNOWLEDGE
A.I. Vázquez Mejías, A. Yáñez Escolano, C. Mascareñas Pérez-Íñigo, E. Guerrero Vázquez, G. Barcena González, P.L. Galindo Ruano

TEACHING ONLINE RUSSIAN LANGUAGE AS A FOREIGN LANGUAGE THROUGH SOCIAL NETWORKS (INICIAL STAGE)
E. Strelchuk, S. Ermolaev
TEACHING AND LEARNING IN REDESIGNED DIGITALIZED LEARNING ENVIRONMENTS - A LONGITUDINAL STUDY AT THE POLICE EDUCATION IN SWEDEN
R. Holmgren, T. Holmgren, D. Sjöberg

STUDENTS’ PERCEPTIONS TOWARD THE USE OF TEACHER-CREATED EDUCATIONAL GAMES IN A SECONDARY EDUCATION SETTING
A. Gordillo, S. López-Perrus, E. Barra

THE LEARNING CULTURE SURVEY - PERSISTENCE OF LEARNING CULTURE: RESULTS OF A LONGITUDINAL STUDY ON STUDENTS’ PERCEPTIONS OF AND EXPECTATIONS TOWARDS HIGHER EDUCATION
T. Richter

EXTENDING THE EIDAS EUROPEAN SPECIFICATION FOR SUPPORTING ACADEMIC ATTRIBUTES
A. Alonso, A. Gordillo, A. Pozo, S. López-Perrus, L. Marco, E. Barra

ENGLISH LANGUAGE LEARNER NEEDS ANALYSIS
A. Zabrovskaya

THE INTERACTION WITH BACHELOR STUDENTS TO IMPROVE COMMUNICATION SKILLS IN VETERINARY STUDENTS
C. Ortega, L. Alcalá, M.C. Simón, A. Díez, A. Attar

CONTEMPORARY INTERIOR ARCHITECTURE AND IDENTITY OF HOME: EDUCATION AND PRACTICE
N. Irtem, D. Hasirci

THE INTRODUCTION OF PROGRAMMING IN COMPULSORY SCHOOL - A MULTISTAKEHOLDER PERSPECTIVE
P. Mozelius, C. Hoff

THE USE OF SIMULATION AS AN ALTERNATIVE PEDAGOGICAL CHOICE FOR EDUCATING STUDENT NURSES
M.L. Gemma-Ferranto, L. Martin

THE FLIPPED CLASSROOM IMPROVES PHYSIOTHERAPY STUDENTS PERFORMANCE AND SATISFACTION IN THE DISCIPLINE OF PHYSIOLOGY: A QUASI-EXPERIMENTAL STUDY
H. Santos

LEARNING ABOUT WAYFINDING IN COMPLEX INTERIORS: THE AIRPORT AS A “NON PLACE”
Y. Özçesen, D. Hasirci

INDIVIDUAL EVALUATION AND TEACHER POSTURE DETERMINATION IN PROJECT-BASED LEARNING
G. Blanco-Laine, S. Dupuy-Chessa, M.A. Le Dain, S. Caffiau, N. Mandran, P. Chevrier

THE PROCESS OF ADAPTING THE CHILDREN TO KINDERGARTEN IN AGE HOMOGENEOUS AND HETEROGENEOUS CLASSES
V. Pacholík

RISK CHECK FOR TEACHER STUDENTS AN ONLINE TOOL FOR ATTRACTING THE BEST FUTURE TEACHERS
E. Kiel, S. Weiss

FOSTERING REFLECTION THROUGH AUTOMATIC FEEDBACK IN MOOCS: A STRATEGY LEVERAGING ON PARTICIPANTS’ SELF-REGULATED LEARNING SKILLS
D. Persico, F. Manganello, F.M. Dagnino, M. Passarelli, F. Pozzi, A. Ceregini, G. Caruso

LOCUS OF CONTROL IN RELATION TO PSYCHOLOGICAL AND ENTREPRENEURIAL COMPETENCES OF UNIVERSITY STUDENTS
I. Kmecová, A. Kajanová

EVALUATION OF MANAGERIAL EDUCATION AND LEVEL OF MANAGERIAL SKILLS IN SELECTED COMPANY
I. Kmecová, T. Staněk

CAREER ORIENTATION AND LIFE SATISFACTION IN RELATION TO TEACHERS’ ATTITUDES TOWARDS MONEY
S. Lenrović, S. Dobrešová Cakarpaloğlu

DIGITAL TRANSFORMATION OF HIGHER EDUCATION - ENABLING SCALING PLATFORMS
M. von der Heyde, G. Auth, A. Hartmann, C. Erfurth

THERAPEUTIC PRACTICES AS AN ACCELERATOR FOR BETTER INCLUSION: THE CASE OF ELECTIVE MUTISM
S. Bar-On
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AIR TRAFFIC CONTROL ENGLISH PROFICIENCY ASSESSMENT IN VIETNAM</td>
<td>2117</td>
</tr>
<tr>
<td>T.M.L. Nguyen</td>
<td></td>
</tr>
<tr>
<td>BLENDING BASED GLOBAL COMPETENCE LEARNING MODEL FOR YOUTH</td>
<td>2121</td>
</tr>
<tr>
<td>S.M. Kim</td>
<td></td>
</tr>
<tr>
<td>BRIDGING THE GAP BETWEEN WORKING LIFE AND EDUCATION</td>
<td>2124</td>
</tr>
<tr>
<td>E. Aalto, A. Jaakkola, T. Tallgren, T. Uusitalo</td>
<td></td>
</tr>
<tr>
<td>LEARNERS’ AGE DIFFERENCES IN PERSONALITY AND RELATIONSHIPS WITH</td>
<td>2133</td>
</tr>
<tr>
<td>ACHIEVEMENT GOALS</td>
<td></td>
</tr>
<tr>
<td>M. Alrajhi</td>
<td></td>
</tr>
<tr>
<td>SMILE AND THE WORLD WILL SMILE AT YOU: THE SMILE PROJECT</td>
<td>2140</td>
</tr>
<tr>
<td>A. Colibaba, I. Gheorghiu, C. Colibaba, L. Danaila, O. Ursa</td>
<td></td>
</tr>
<tr>
<td>MUSIC LESSONS AS A METHOD FOR THE DEVELOPMENT OF INTUITIVE SCIENTIFIC</td>
<td>2147</td>
</tr>
<tr>
<td>THINKING IN CHILDREN</td>
<td></td>
</tr>
<tr>
<td>N. Japerte</td>
<td></td>
</tr>
<tr>
<td>ACCOMPANYING PROGRAM OF UNIVERSITY GALLERIES AS A TOOL FOR NON-</td>
<td>2151</td>
</tr>
<tr>
<td>FORMAL AND INFORMAL EDUCATION</td>
<td></td>
</tr>
<tr>
<td>E. Gartnerov</td>
<td></td>
</tr>
<tr>
<td>PROFESSIONALISM OF PRESERVICE EARLY EDUCATION AND CHILDCARE;</td>
<td>2159</td>
</tr>
<tr>
<td>MULTICULTURAL AND INCLUSIVE TRAINING AS PART OF ESD-DEFINED QUALITY</td>
<td></td>
</tr>
<tr>
<td>EDUCATION IN JAPAN, SWEDEN, AND THE US. PART 1: JAPAN</td>
<td></td>
</tr>
<tr>
<td>M. Henault Morrone, Y. Matsuyama</td>
<td></td>
</tr>
<tr>
<td>COMMUNICATION APPEALS AS A TOOL FOR BUILDING A POSITIVE IMAGE OF</td>
<td>2160</td>
</tr>
<tr>
<td>HIGHER EDUCATION INSTITUTION</td>
<td></td>
</tr>
<tr>
<td>I. Kocourek</td>
<td></td>
</tr>
<tr>
<td>SPECIFIC OF MARKETING COMMUNICATION IN HIGHER EDUCATION AND</td>
<td>2166</td>
</tr>
<tr>
<td>DEVELOPMENT OF PREFERENCES OF COMMUNICATION TOOLS BY APPLICANTS IN</td>
<td></td>
</tr>
<tr>
<td>THE CZECH REPUBLIC</td>
<td></td>
</tr>
<tr>
<td>M. Juříková</td>
<td></td>
</tr>
<tr>
<td>CHANGES IN THE PARENT’S ROLE IN THE CHILD’S HOME PREPARATION FOR</td>
<td>2173</td>
</tr>
<tr>
<td>SCHOOL</td>
<td></td>
</tr>
<tr>
<td>B. Petrů Pahrovi</td>
<td></td>
</tr>
<tr>
<td>INTERRELATIONS OF STUDENTS’ COMPETENCES AND ENTRUSTABLE</td>
<td>2180</td>
</tr>
<tr>
<td>PROFESSIONAL ACTIVITY</td>
<td></td>
</tr>
<tr>
<td>D. Role, G. Beta</td>
<td></td>
</tr>
<tr>
<td>LEARNING ABOUT VETERINARY VACCINES, VACCINATION AND</td>
<td>2188</td>
</tr>
<tr>
<td>PHARMACOVIGILANCE</td>
<td></td>
</tr>
<tr>
<td>M.C. Simón, L. Alcald, C. Ortega</td>
<td></td>
</tr>
<tr>
<td>WORK-BASED LEARNING, CULTURAL HERITAGE AND 21ST CENTURY SKILLS</td>
<td>2192</td>
</tr>
<tr>
<td>L. Aiello</td>
<td></td>
</tr>
<tr>
<td>DETERMINING AN EXTRAORDINARY CONSTANT: A PLS PROJECT</td>
<td>2202</td>
</tr>
<tr>
<td>B. Balossi, M. Bozzi, M. Zani</td>
<td></td>
</tr>
<tr>
<td>FROM EXAMS TO TEAM PROJECTS - A MAJOR TRANSFORMATION OF AN</td>
<td>2208</td>
</tr>
<tr>
<td>UNDERGRADUATE MATHEMATICS CLASS</td>
<td></td>
</tr>
<tr>
<td>F. Duzhin</td>
<td></td>
</tr>
<tr>
<td>UNCONSCIOUS SOCIAL INTERACTION COHERENT INTELLIGENCE IN LEARNING</td>
<td>2217</td>
</tr>
<tr>
<td>I.V. Daminov, S. Mihailova, V. Percepjokina</td>
<td></td>
</tr>
<tr>
<td>SOCIO-EDUCATIONAL OPPORTUNITIES FOR CHILDREN’S INFORMAL LEARNING</td>
<td>2223</td>
</tr>
<tr>
<td>DURING SUMMER HOLIDAYS</td>
<td></td>
</tr>
<tr>
<td>R. Šiauciauliene, K. Rudyte</td>
<td></td>
</tr>
<tr>
<td>FREE THEMATIC CHILDREN’S ESSAY METHOD BASED ON QUALITATIVE RESEARCH</td>
<td>2231</td>
</tr>
<tr>
<td>METHODOLOGY</td>
<td></td>
</tr>
<tr>
<td>K. Rudyte, R. Šiauciauliene</td>
<td></td>
</tr>
<tr>
<td>SECURING FRESHMEN’S LEARNING THROUGH A PHYSICS REFRESHER COURSE: A</td>
<td>2237</td>
</tr>
<tr>
<td>BREAKTHROUGH EXPERIENCE AT POLITECNICO DI MILANO</td>
<td></td>
</tr>
<tr>
<td>M. Bozzi, B. Balossi, L. Di Sieno, L. Ganzera, P. Gondoni, I. Genco,</td>
<td></td>
</tr>
<tr>
<td>C. Minnawi, A. Pini, F. Rezoagli, M. Zamoletti, M. Zani</td>
<td></td>
</tr>
<tr>
<td>SIMULATION AND ANALYSIS OF END-TO-END RADIO FREQUENCY TRANSCEIVER</td>
<td>2244</td>
</tr>
<tr>
<td>USING EDUCATIONAL KIT</td>
<td></td>
</tr>
<tr>
<td>A. Bjelopera, E. Dumic</td>
<td></td>
</tr>
</tbody>
</table>
STUDENTS' EXPECTATIONS ABOUT PROFESSIONAL HIGHER TECHNICAL COURSES: THE CASE OF THE BRAGANÇA'S HIGHER AGRICULTURE SCHOOL
M.I. Ribeiro, A.J. Gonçalves Fernandes, A.P. Ribeiro Fernandes

CLEAN AIR CURRICULUM AS A BASE FOR CLEAN ENVIRONMENT
Z. Palková, M. Harničárová, J. Valiček

WHY DO WE BELIEVE WEIRD THINGS? RECENT TRENDS IN COGNITIVE FAILURES RESEARCH IN SLOVAKIA
V. Čavojová, I. Brezina

TOWARDS A NEW INTERACTIVE TOOL OF RESOURCES FOR ACTIVE LEARNING IN UNIVERSITY LARGE GROUPS' LECTURES
O. Pons, J. Franquesa, S.M.A. Hosseini

UPPLIFTING RURAL COMMUNITIES THROUGH SCIENCE INITIATIVES
O.P. Mokena, S.M. Seeletse

EXPERIENCE OF THE CENTER FOR INNOVATION IN EDUCATION ENGAGING COLLEGE PROFESSORS IN THE USE OF NEW TECHNOLOGIES. THE “VIRTUAL AND AUGMENTED REALITY SHOWROOM” PROJECT
M.L. Ruiz-Leyva, M.C. García-Higuera

PLAY WITH MATHS: MATHEMATICAL GAMES THROUGH WIMS
M. Cazzola

LIFESTYLES AND SELF-EFFICACY IN THE STUDENTS OF THE OPTIONAL INSTITUTIONAL CLASS IN FITNESS OF THE UNIVERSIDAD SANTO TOMÁS, BOGOTA - COLOMBIA
M. De Souza Martins, S. Posada-Bernal, P. Casasbuenas-Barrero, L. Orjuela-Perdomo

INSTITUTIONAL OPTIONAL CLASS IN FITNESS: AN ALTERNATIVE IN THE INTEGRAL FORMATION OF STUDENTS AT THE UNIVERSIDAD SANTO TOMÁS, BOGOTA - COLOMBIA
S. Posada-Bernal, M. De Souza Martins, P. Casasbuenas-Barrero, L. Orjuela-Perdomo

ARTIFICIAL INTELLIGENCE AND DIGITAL MATHEMATICS TEXTBOOKS
M. Utterberg Modén, M. Tallvid, J. Lundin, B. Lindström

PROMOTING SOCIAL INCLUSION AND DESIRE TO LEARN: THE USE OF DIGITAL STORYTELLING AS A LEARNING TOOL FOR REFUGEES AND MIGRANTS
B. Sveen

METHODOLOGICAL IMPROVEMENTS IN THE FINAL PROJECT OF CIVIL ENGINEERING DEGREE

‘MISS, YOU ARABIC TEACHER OR ENGLISH TEACHER?': TEACHER IDENTITY CONSTRUCTION IN AN EARLY YEARS BILINGUAL CLASSROOM
K. Gallagher, A. Dillon, H. Almaflahi

PROFESSIONAL TRAINING OF STUDENTS WITH AUTISM SPECTRUM DISORDERS IN THE MORAVIAN-SILESIAN REGION
P. Adamus, K. Janků

ANALYSIS OF COOPERATION BETWEEN TEACHER AND ASSISTANT IN INCLUSIVE EDUCATION
K. Janků, P. Adamus

INNOVATION BEGINS OUTSIDE TEACHERS' COMFORT ZONE: SCRATCH VISUAL PROGRAMMING TO PROMOTE PEDAGOGY - A TALE OF CODE TEACHERS
A. Kesler, I. Blau, T. Shamir Inbal

ASSESSING THE QUALITY OF ONLINE LEARNING FOR SECONDARY SCHOOL STUDENTS: THE ONLINE LEARNING EVALUATION SCALE TO PRACTICE
R. Kay, J. Li

TERTIARY ENGLISH LANGUAGE TEACHER EDUCATION IN VIETNAM: FROM POLICY TO PRACTICE
T.P.L. Nguyen

EDUCATIONAL COMPUTER GAMES FOR SOCIAL ADJUSTMENT OF NEWCOMER CHILDREN
O. Bani-Taha, M. El Kouzi, A. Arya, F. Taylor

THE IMPACT OF LECTURE CAPTURE TECHNOLOGY ON LEARNING EFFECTIVENESS AMONG FOUNDATION ENGINEERING AND SCIENCE STUDENTS
R. Matthews, B. Ramayath
THE DEVELOPMENT OF A STUDENT’S PERSONAL TECHNOLOGY TOOLKIT IN THE BLENDED CLASSROOM: WHAT TEACHERS NEED TO KNOW
L. Hay
2395

THE EXPERIENCE OF USING DIGITAL EDUCATIONAL RESOURCES BASED ON 3D MODELS FOR CONSTRUCTION TEACHING
2405

OPEN EDUCATIONAL RESOURCES TO IMPLEMENT AN ONLINE TUTORING
C. Sánchez-Azqueta, E. Cascarosa, S. Celma, C. Gimeno, C. Aldea
2410

PERCEPTION OF KNOWLEDGE IN THE AREA OF DIGITAL COMPETENCES BY SECONDARY SCHOOL TEACHERS
B. Jirkovská, J. Lorenzová, L. Mynaříková, P. Svoboda
2417

BARRIERS OF SECONDARY SCHOOL TEACHERS IN THE USE OF ICT FOR TEACHING
L. Mynarikova, P. Svoboda, B. Jirkovská, J. Lorenzova
2426

ACCESSIBLE LANGUAGE LEARNING ONLINE
M. Ahola, R. Haikala, A. Zafar
2432

EDUCATION POLICY ON MIGRANTS IN MODERN RUSSIA: ISSUES AND PERSPECTIVE
E. Ivanova, S. Stepanov
2440

THE GENDER GAP IN CAREER CHOICE: INFLUENCE OF GENDER STEREOTYPES IN THE PROCESS OF CAREER DECISION MAKING
G. Soto Personat, S. Agut Nieto, M.R. Agost Felip
2445

EMPLOYMENT VARIABLES AND THE WORK-STUDY RELATION: A PORTUGUESE CASE STUDY
A.S. Lopes, P. Carreira
2453

PANDEMIC OR HOW TO SAVE THE WORLD USING GENETIC ENGINEERING TECHNIQUES: LEARNING GENETIC ENGINEERING BY A GAME-BASED METHODOLOGY
2463

GITHUB AND GITHUB CLASSROOM AS AN EDUCATIONAL RESOURCE
R. López, J.F. San-Juán, I. Pérez, P. Garcia Ozcoz
2471

DISTANCE EDUCATION IN RUSSIAN SCHOOLS: THE PARENTS’ OPINION
L. Zabokritskaya, A. Kulminskaia
2481

HOW CAN LEADERS USE STRESS TO DEVELOP THEIR SKILLS
P. Martof
2487

PROJECT-BASED LEARNING: KEY SUCCESS FACTORS AND BENEFITS FOR A TEACHING-LEARNING SETTING IN THE CONTEXT OF UNIVERSITY-INDUSTRY COOPERATION BASED ON TEN YEARS OF EXPERIENCE
R. Groß, K. Freudenthaler, T. Ulrich
2492

GROUP SELF-ORGANISATION OF RUSSIAN SCHOOLCHILDREN’S PARENTS BY MEANS OF MOBILE MESSENGERS
L. Zabokritskaya, A. Kulminskaia
2500

INTRODUCING CO-CREATION TO IMPROVE STUDENT WELLBEING IN A PROBLEM-ORIENTED LEARNING ENVIRONMENT
A.A. Jensen, L.K. Kjaer-Rasmussen
2505

A STUDENT PERFORMANCE ANALYSIS REPORT FOLLOWING THE INTRODUCTION OF SELF-ASSESSMENT TO A THIRD LEVEL COMPUTER PROGRAMMING MODULE
L. Raeside
2506

CS1: C, JAVA OR PYTHON? TIPS FOR A CONSCIOUS CHOICE
S. Sobral
2512

DEVELOPMENT OF SPEAKING SKILLS FOR CHILDREN WITH SPECIAL EDUCATIONAL NEEDS WHEN LEARNING A FOREIGN LANGUAGE
E. Budnik, S. Elnikova, A. Kuvaeva, I. Leshutina
2520

FAVORING LEARNING ECOLOGY THROUGH TECHNOLOGICAL ADAPTATION OF HUMAN PHYSIOLOGY CONTENTS TO IMPROVE THE ACQUISITION OF COMPETENCES IN A CONTINUOUS ASSESSMENT MODEL
2526

ROBOTIC PROCESS AUTOMATION APPLIED TO EDUCATION: A NEW KIND OF ROBOT TEACHER?
G. Lasso-Rodríguez, R. Gil-Herrera
2531
CREATIVE METHODS AND TECHNIQUES IN DIDACTICS AT THE FACULTY OF ARCHITECTURE
J. Tymkiewicz
2541

THE ARCHITECT VS. USERS – THE PROBLEM OF BALCONIES IN RESIDENTIAL BUILDINGS. CONCLUSIONS FROM STUDENT RESEARCH
J. Tymkiewicz
2549

ACTIVITIES IN NATURE: HOW FREQUENT IS THE CONTACT OF CONTEMPORARY CHILDREN WITH THE NATURAL WORLD?
A. Almeida, V. Rato, Z.F. Dabaja
2555

LEARNING BY HOLOGRAMS – THE FUTURE OF EDUCATION – REVIEW ARTICLE
B. Ivanova
2563

ANIMAL WELFARE: CHILDREN’S PLURAL DISCOURSES IN CONTEXTS OF EARLY CHILDHOOD EDUCATION
C. Tomás, M. Botelho, A. Almeida
2574

ENABLING INCLUSIVE GROUP WORK
E. McPherson, T. Collins, A.M. Gallen
2581

ASSESSMENT OF THE USE OF PRELIMINARY CONCEPTS TEST AND RUBRICS IN PRACTICAL LEARNING AT UNIVERSITY
I. Llop-Harillo, A. Pérez-González, F. Sánchez-Marín
2589

ASSESSING ACTIVE LEARNING METHODOLOGIES IN HIGHER EDUCATION FROM A COST-BENEFIT PERSPECTIVE
G. Abío, M. Alcañiz, M. Gómez, V. Royuela, G. Rubert, M. Serrano, A. Stoyanova
2595

QUALITY OF EDUCATION FROM THE PERSPECTIVE OF SELECTED INDICATORS IN EUROPEAN COUNTRIES
R. Halásková
2604

EMOTIONAL LEARNER: INVESTIGATING THE NEED FOR AN EMOTIONALLY SUPPORTIVE LEARNING ENVIRONMENT
A. Arya, L. Meyer, S. Noonan
2614

STUDENTS’ PERSONAL CHARACTERISTICS AND EFFECTIVENESS OF PERCEPTION IN EDUCATION
V. Pisarenko, I. Pisarenko
2624

A COMPREHENSIVE APPROACH TO LEARNING ANALYTICS
S. Gaftandzhieva, R. Doneva
2634

COMMUNICATION TASKS IN TEACHING FOREIGN LANGUAGES BASED ON AUDIOVISUAL TECHNOLOGIES
V. Pisarenko, M. Bondarev
2644

IMPLEMENTING THE 60 YEAR CURRICULUM (60YC) AT HARVARD UNIVERSITY’S DIVISION OF CONTINUING EDUCATION (DCE)
H. Leitner
2654

ETHNO CULTURAL COMPETENCE IN PROFESSIONAL DEVELOPMENT OF TEACHERS
S. Arsaliev, I. Taaev
2663

PREDICTING HIGH SCHOOL STUDENTS’ ACADEMIC SELF-EFFICACY BELIEFS USING CULTURAL AND RELIGIOUS PARENTING PRACTICES
S. Aldhafri
2672

VIOLENCE AGAINST TEACHERS: THE PROTECTIVE EFFECT OF WELL-BEING AND SOCIAL SUPPORT
S. Berlanda, F. de Cordova
2673

RIVAL MENTORING TO TRAIN EDUCATORS IN MODERN BUSINESS INTELLIGENCE TOOLS
P. Petrova, V. Jotsov
2678

ON EXPLORING MATHEMATICAL CREATIVITY THROUGH COGNITIVE AND PERCEPTUAL APPROACH IN GEOMETRY
E. Avgerinos, P. Gridos, J. Mamona-Downs, R. Vlachou
2683

APPLICATION OF VIRTUAL REALITY IN CULTURAL HERITAGE EDUCATION AND IN HERITAGE SOCIALIZATION. ACADEMIC RESEARCH PROJECT RESULTS
S. Vasileva, T. Petrova
2692

POLISH ADAPTATION OF MULTIDIMENSIONAL ATTITUDES SCALE TOWARD PERSONS WITH DISABILITIES (MAS) BY L. FINDLER, N. VILCHINSKY, S. WERNER
E.M. Kulesza
2697

EVALUATING STUDENTS USING GAMIFICATION
O. Belo, P. Barbosa
2704
AN EVOLUTIONARY SOFTWARE TOOL FOR EVALUATING STUDENTS ON UNDERGRADUATE COURSES
O. Belo, J. Coelho, L. Fernandes

ORGANIZATIONAL AND ADMINISTRATIVE CONDITIONS OF THE TUTORING MANAGEMENT AT THE UNIVERSITY (EXAMPLE OF THE URAL FEDERAL UNIVERSITY, RUSSIA)
A. Shutaleva, O. Tomyuk, M. Dyachkova, S. Rogozhin, A. Novgorodtseva

LATVIA STUDENTS’ COMPREHENSION AND ATTITUDE TOWARDS EVOLUTION THEORY
J. Porozovs

SURVEY OF COMPETENCIES OF STUDENTS OF THE FACULTY OF EDUCATION, CHARLES UNIVERSITY, IN THE AREA OF CHILD PROTECTION
J. Prokop, J. Hanušová

LATVIA STUDENTS’ INTEREST IN SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS SUBJECTS
J. Porozovs

THE EXPERIENCES OF SOCIAL RELATIONS IN TEACHERS’ DIARIES
J. Prokop, J.M. Łukasik

BALANCING STUDENT AND TEACHER EXPECTATIONS – PILOTING A PEDAGOGICAL MODEL FOR A NEW CONTEXT AND PURPOSE
L.P.B. Kjeldsen, H.W. Kjaergaard

E. Shuklina, E. Shirokova

PUBLIC PARTICIPATION OF THE PARENT COMMUNITY: HOW PUBLIC ACTIVITY OF PARENTS INCREASES THEIR TRUST IN THE EDUCATION SYSTEM
E. Shuklina, E. Shirokova

EMOTIONAL EDUCATION AS A CROSS CURRICULAR SUBJECT IN SECONDARY SCHOOL: DIDACTIC APPROACHES BASED IN CONFLUENT EDUCATION AND ENHANCED BY GAMIFICATION AND TECHNOLOGY
A. Cano Martínez, M.A. Larrosa Guerrero, A. Huete Martínez, L. Abenza Cano

ATTITUDES OF TAIWANESE CHILDREN TO PEERS WITH DISABILITIES IN INCLUSIVE AND NONINCLUSIVE SETTINGS
E.M. Kulesza, C.H. Huang, K.F. Tsai

A COLLABORATIVE STUDY EVALUATING THE PEDAGOGICAL VARIATION MODEL BY PRE-SERVICE TEACHER UNDERGRADUATES AT FEDERAL INSTITUTE (IFRS) BRAZIL: INSIGHTS TO PEDAGOGICAL LEADERSHIP CHARACTERISTICS OF TEACHERS
M.S. Rogers, A. Grunewald Nichele

SIMULATION PEDAGOGY IN BUSINESS STUDIES: HELPING BRIDGE THE GAP BETWEEN THEORY AND PRACTICE
S. Niemi, M. Kräkin, T. Saarinen

CUTTING EDGE ONLINE PRESENTATION SOFTWARE IN HIGHER EDUCATION
V. Barabash, E. Osipovskaya, S. Dmitrieva, E. Budnik

OPENING A NEW SPECIALITY IN A UNIVERSITY - AN OPERATIONAL ESTIMATE
I. Ivanov, V. Totov, I. Kostadinova

CO-CREATING LEGAL DESIGN CURRICULUM FOR MASTER’S DEGREE: FURTHER-DEVELOPING CURRICULUM BASED ON FUTURE MEGATRENDS AND STUDENT LEARNING EXPERIENCE
S. Niinikoski

TRENDS IN THE IMPLEMENTATION AND MANAGEMENT OF THE LEARNING DESIGN UNDER THE IMS LEARNING DESIGN STANDARD
G. Arroyo Delgado, A. Morales Flores, I. Hernández Renovato, R. Aguilers Terrats

INTEGRATION OF MUSIC, NATURAL SCIENCES AND HUMANITIES IN PRIMARY SCHOOL OF EDUCATION
J. Davidova, G. Zavadska

IMPLEMENTATION OF KNOWLEDGE MANAGEMENT IN A HIGHER EDUCATION INSTITUTION TO IMPROVE THE INTERNAL QUALITY OF EDUCATION
J. Davidova, I. Kokina
USING PHENOMENOGRAPHY TO ANALYSE THE PERCEPTIONS INSTRUCTORS HAVE ABOUT GROUP WORK
L. Cooper-Smith, B. Davey, A. Adamopoulos

EMOTIONAL BURNOUT SYNDROME AND MEDICAL PROFESSIONS: EXPERIENCE AND ELEVATION - EVALUATION AT PSYCHOLOGICAL MEDICAL TRAINING
V. Artiomenko, O. Tsiilmak

FEATURES OF PROFESSIONAL SELF-DETERMINATION IN THE COURSE OF LIFE IN THE DIGITAL ECONOMY
S. Kostina, G. Bannykó

THE IMPACT OF THE INSTITUTION OF EDUCATION ON THE FORMATION OF DIGITAL CAPITAL IN MODERN CONDITIONS
S. Kostina, G. Bannykó

INTERNET AND E-LEARNING USAGE AMONG EUROPEAN INDIVIDUALS: CLUSTER ANALYSIS APPROACH
M. Pejic-Bach, J. Zoroja, K. Ćurko

ARCHITECTURAL AND ARTISTIC ACTION MEANING FOR PUBLIC SPACE IN THE CITY - CREATIVE TEACHING FOR STUDENTS OF ARCHITECTURE. MURALS
J. Zabawa-Krzypkowska, K. Goń

THE ANALYSIS OF STUDENT BEHAVIOUR IN THE STATE ONLINE DIAGNOSTIC TESTS: EXPERIENCE OF LATVIA
L. Juskaite, J. Lebionka, B. Lebionkaite

DIFFERENT METHODS TO IDENTIFY STUDENTS PREFERENCES TO LEARNING STYLES AND LEARNING PATHS
E. Kurišovas

STUDENTS’ SATISFACTION WITH GOOGLE CLASSROOM IN BLENDED-LEARNING ENVIRONMENT
I. Strugar, M. Pejic-Bach, J. Zoroja, B. Jaković

SUSTAINABLE ECONOMIC EDUCATION – IMPORTANT FACTOR FOR THE SUSTAINABLE ECONOMIC DEVELOPMENT
M. Chiabrishvili, N. El-Kanj, A. Tvaliashvili, K. Chiabrishvili

THE PREFERENCES OF FUTURE ENGINEERS FOR A PARTICULAR JOB
G.M. Moraru, D. Popa

STUDENTS’ SATISFACTION TOWARDS A DUAL SPECIALIZATION STUDY PROGRAM
G.M. Moraru, D. Popa

EXPLORING BYOD SCHEME FROM A SOCIOCULTURAL PERSPECTIVE
M.Y. Tsui, I.A.C. Mok

CREATION OF A QUESTION BANK FOR AN INTRODUCTORY LOGIC MODULE
M. Bakó, L. Aszalós

EXPERIENCES AND NEW TRENDS IN TEACHING AUTOMATION AND INFORMATICS AT FACULTIES NOT PRIMARILY INVOLVED IN COMPUTER SCIENCE
R. Danel, M. Řepka, Z. Palčíkova, M. Kušnerová, M. Harráčiová, J. Valiček, J. Koneč

THE FACTORS INFLUENCING THE CHOICE OF TECHNICAL ORIENTED SECONDARY SCHOOLS
M. Hubalovska, S. Hubalovsky

USING LESSON STUDY IN COLLABORATIVE TEACHER DEVELOPMENT ACROSS DISCIPLINES
A. Hassan, J. Crandall

THE CAUSES OF A DECLINING INTEREST IN READING AMONG TEENAGERS. QUALITATIVE RESEARCH OF 13-YEAR-OLD STUDENTS
B. Kasáčová, S. Bášková

APPLIED PROBLEMS IN TEACHING MATHEMATICS AT HIGH SCHOOLS – NEW CHALLENGES
J. Kalová, J. Pech, M. Novák

MULTICULTURAL EDUCATION OF PRESCHOOL-AGE CHILDREN
E. Kosheleva

DIDACTIC EMULATOR OF AN RDS CODER
A. Paun, F.M. Frigura-Iliasa, L. Dolga, H.E. Filipescu, F. Alexa, A.A. Anghel

ASSESSMENT OF THE EMPLOYEE EDUCATION: CASE STUDY AIMED AT INDUSTRIAL PRODUCTION PRACTICE
P. Kuna, P. Hodúl, A. Hašková
COOPERATIVE LEARNING – ENHANCEMENT OF COMMUNICATIVE SKILLS OF INTERMEDIATE SECOND LANGUAGE LEARNER GROUPS
J. Villarreal

A TOOL FOR ASSESSING CHANGES AND GROWTH IN ENTREPRENEURIAL MINDSET AND SKILL SETS GAINED THROUGH HIGHER EDUCATION PROJECT-BASED LEARNING
M. Kawase, N. Kobayashi, K. Oyama, S. Shirasaka

ACTIVE MOBILE CHINESE, A NEW APPROACH IN LEARNING CHINESE AS A FOREIGN LANGUAGE
H. Le Ngoc, X. Tran Khai

THE NEW “CONNECTING MODEL” IN UNDERGRADUATE EDUCATION
H. Le Ngoc, V. Triang Doan

THE BASIC LAPAROSCOPIC SKILLS LONG-TERM SURVIVAL: NEW PREDICTION SCALE
V. Artyomenko, A. Kozhukhar, N. Shapoval, Z. Chumak, L. Mnih, N. Nastradina

ASSESSING SOFT SKILLS IN YOUTH THROUGH DIGITAL GAMES
S. Pouzezavara, S. Powers, G. Moore, C. Strigel, K. McNight

DEVELOPING TEACHER’S PRESENCE IN AN ONLINE COURSE
J. Piirainen, T. Möttönen

THE ATTITUDE OF SELECTED EUROPEAN COUNTRIES TO MOBILE TECHNOLOGIES IN EDUCATION
D. Tran

THE DIGITAL CHILD BETWEEN DISNEYIZATION, TECHNOLOGY AND THE QUEST FOR A CRITICAL PEDAGOGY OF CHILDHOOD
E. Isidori, E.M. Bremi, R.A. Alonso Ruiz

ANALYSIS OF THE CHOSEN GEOMETRIC TASKS SOLUTIONS
G. Pavlovicova, V. Bockova

SOCIAL NETWORKS USE AS AN ELEMENT OF SELF-DIRECTION IN LEARNING: THE LEARNING STRATEGIES AND BEHAVIOURS OF SPORTS SCIENCES UNIVERSITY STUDENTS
F. Taddei, M. Cacchiarelli, I. Sandor, E. Isidori

SECONDARY STUDENTS’ CONCEPTIONS ABOUT FOOD SAFETY IN AN ARGUMENTATION CONTEXT
L. Casas-Quiróga, B. Crujeiras-Pérez

ON SIMULATING AN ARM PROCESSOR FOR TEACHING COMPUTER STRUCTURE
J.J. Moreno, S. Puertas-Martín, F.J. Orts, N. Cruz, J. Redondo, E. Garzón, P. Ortigosa

QUANTUM LOGIC GATES FOR STUDENTS OF COMPUTER ENGINEERING: A NEW LEARNING METHOD
F.J. Orts, G. Ortega, L. Casado, V. González-Ruiz, J.F. Sanjuan-Estrada

THEMATIC APPROACH IN THE MATHEMATICS TEXTBOOK IN PRIMARY SCHOOL: EXPERIENCE OF LATVIA
I. Helmane

BIOLOGICAL SIGNALS – IMPORTANT BIOPHYSICAL TOPIC IN THE MEDICAL STUDY
E. Kralova

ACCESSIBILITY COORDINATORS: A MODEL FOR EMBEDDED, SUSTAINABLE CHANGE TOWARDS INCLUSIVE HIGHER EDUCATION
V. Pearson, K. Lister, T. Coughlan

ATTITUDES OF MEDICAL STUDENTS TOWARDS PHYSICS AND MEDICAL PHYSICS
E. Kralova

GAMIFICATION AS AN IMPORTANT EDUCATIONAL TOOL TO MOTIVATE STUDENTS ACTIVITY IN LEARNING A FOREIGN LANGUAGE
A. Zabrovskaya, E. Rubleva

INNOVATIVE APPROACH TO EDUCATION USING ICT SOLUTIONS – INFORMAL EDUCATION IN ELECTROMOBILITY
G. Sierpiński, M. Staniek

EDUCATION IN A SMART CITY – ET SYS AS A LOCAL GOVERNMENT SUPPORT TOOL
M. Staniek, G. Sierpiński, K. Turoń

LEARNING AND TEACHING DURING THE DOCTORATE
I.C. Ribau Coutinho
TRAIINEE TEACHERS’ PREFERENCES IN THE SUBJECT ‘NATURE-HUMAN-SOCIETY': THE ROLE OF KNOWLEDGE
R. Tschiesner, A. Pahl

RESEARCH METHODS FOR INVESTIGATING YOUNG CHILDREN’S LEARNING WITH SCIENCE EXPERIMENTS: AN OVERVIEW
A. Pahl

AREA-SPECIFIC AND GLOBAL DEVELOPMENTAL PROCESSES: INDICATIONS FOR EARLY CHILDHOOD EDUCATION
R. Tschiesner, A. Pahl

THE ‘NATURE-HUMAN-SOCIETY’-QUESTIONNAIRE FOR KINDERGARTEN AND PRIMARY-SCHOOL TRAINEE TEACHERS: PSYCHOMETRIC PROPERTIES AND VALIDATION
A. Pahl, R. Tschiesner, M. Adamina

CHECKING THE LEVEL OF APPLICATION OF THE STUDENTS’ KNOWLEDGE ON THE SUBJECT ‘AROUND THE WORLD’ FOR I AND II GRADERS
E. Ivanova, J. Doncheva

EXAMINING NETWORKED LEARNING PEDAGOGY IN SAUDI ARABIAN HIGHER EDUCATION
H. Nasseif

TOWARDS EXCELLENCE IN FLEXIBLE EDUCATION: IDENTIFYING CHALLENGES FOR THE DIGITAL UNIVERSITY
L. Svensson, L.M. Öberg, A. Olofsson

DESIGN AND IMPLEMENTATION OF A DISTANT LEARNING ROBOTICS TOOL TO STUDY SPATIAL ABILITY OF STUDENTS
A. Xenakis, K. Kalovrektis, S. Brentas

SOCIAL NETWORKS, THEIR ROLE AND INFLUENCE ON GENERATION Y VERSUS GENERATION Z WHEN RECRUITING APPLICANTS FOR HIGHER EDUCATION INSTITUTIONS
E. Káčerková

A DIDACTIC EXPERIMENT AIMED AT DETERMINING THE EFFECTIVENESS OF SELECTED TEACHING METHODS IN THE TEACHING PROCESS OF CHEMISTRY
R. Malá, Z. Jenisová, B. Tokárová, D. Ballová

CURRENT ISSUES AND TRENDS IN TEACHING ENGLISH FOR SPECIFIC PURPOSES IN HIGHER EDUCATION AREA
G. Chmelíková

TEACHING MARKETING TRANSLATION: DOS AND DON’TS
I. Guseinova, N. Dubinina, A. Levshits, D. Nakisbaev

CONDITIONS IN POOR FAMILIES AND THEIR IMPACT ON SCHOOLING
G. Caltová Hepnarová

A REVIEW OF CNC TRAINING SYSTEMS BASED ON VIRTUAL REALITY
M. Dado

DIFFERENCE BETWEEN CZECH BOYS AND GIRLS IN IMPLEMENTING THE RECOMMENDATIONS FOR PHYSICAL ACTIVITY, SLEEP TIME, AND SCREEN TIME
P. Valach, L. Jakubec, D. Benešová, K. Švítora, P. Čechura, K. Frömel

STEM AND ITS IMPACT ON NATIONAL ECONOMIC DEVELOPMENT: A CASE STUDY CONCERNING SOUTHERN ITALY
P. Pariso, A. Marino

ICT SKILLS DEVELOPMENT: ANALYZING EFFECTIVENESS ISSUES ON GOVERNMENT ACTIONS IN EUROPE
P. Pariso, A. Marino

NEW MODELS OF EDUCATION TO BOOST LIFELONG AND AUTONOMOUS LEARNING
J.J. Pastor Pérez

HOW TO EVALUATE THE UNIVERSITY KNOWLEDGE TRANSFER ECOSYSTEM?
T. Corejová, L. Faurová, M. Rostásová

STUDENTS’ MATHEMATICAL KNOWLEDGE IN ECONOMICS STUDY PROGRAMS
D. Országhová, M. Farkasová, J. Drabková, V. Bulgakov

SIMULATED LEARNING IN RADIOGRAPHY EDUCATION: ENHANCING PAEDIATRIC RADIOGRAPHY EDUCATION THROUGH THE USE OF A ‘READY-OR-NOT TOT ®’ BABY MANIKIN
M. Ellwood
HIGHER EDUCATION KNOWLEDGE TRANSFER BASED ON GAMIFICATION
A. Bencsik, A. Mezeiova, E. Seres-Huszarik, S. Tobias-Kosar

3311

THE SERIOUS SIDE OF SCIENCE FICTION – ON THE USAGE OF MEDIA DEPICTIONS
OF ARTIFICIAL INTELLIGENCE FOR ETHICAL REFLECTION USING DETROIT:
BECOME HUMAN AS AN EXAMPLE
P. Maisenhölder, L. Seng

3321

EDUCATIONAL ACTIVITY OF POLISH SENIORS
K. Białożyń, N. Pikula

3328

CAN TECHNOLOGIES TRANSFORM DESIGN EDUCATION? THE DIGIMOOD
EXPERIMENTATION
M. Mortati, P. Bertola, A. Taverna

3329

THE RELEVANCY OF MODERN STOICISM FOR HIGHER EDUCATION
S. MacMillan

3339

THE SUSTAINABILITY STRATEGY IN THE MANUFACTURE OF NEW MATERIALS
K. de la Caba, P. Guerrero

3345

INCORPORATING EXPERIMENTAL PRACTICE TO COUNTER NARROW
SPECIALISATION AND PROMOTE THE DEVELOPMENT OF INNOVATION,
CREATIVITY AND CRITICAL THINKING IN ANIMATION STUDENTS
C. Carter, M. Carter

3349

ENTREPRENEURS TRAINING FEATURES IN STEM PUBLIC HIGHER EDUCATION
INSTITUTIONS. CORRELATED ANALYSIS IN ECUADORIAN CONTEXT
M.S. Vásquez, M.R. Perello, J. Cachago

3354

RELATIONSHIP BETWEEN ACADEMIC PERFORMANCE AND SCHOOL OF ORIGIN, AN
HISTORICAL ANALYSIS

3360

ANALYSIS OF THE PROGRESS OF ENGINEERING STUDENTS WHEN THEY DO NOT
APPROVE MATHEMATICS COURSES

3366

TEACHER’S ATTITUDES IN SCIENTIFIC, TECHNOLOGY, ENGINEERING, AND
MATHEMATICS (STEM) HIGHER EDUCATION TOWARDS NEW LITERACIES IN
THIRD WORLD COUNTRIES. ESCUELA POLITÉCNICA NACIONAL CASE STUDY
M.S. Vásquez, R. Roig-Vila

3373

EVOLUTIONS AND NEW APPROACHES TO AN INTERMEDIATION PROFESSION IN
THE CULTURAL TOURISM SECTOR IN FRANCE: THE LICENCE PROFESSIONNELLE -
LP (BACHELOR’S DEGREE) LICENSED GUIDES (UNIVERSITY OF PARIS EAST)
C. Bourret, K. Fraoua, T. Delbassé

3380

THE DESIGN OF A CONSTRUCTIVIST HANDS-ON LABORATORY: QUALITATIVE
STUDY OF SIMPLE ELECTRICAL CIRCUITS
A. Métioui, L. Trudel

3384

DESIGN OF CONSTRUCTIVIST NUMERIC BOOK ON MAGNETISM
A. Métioui, L. Trudel

3390

HERITAGE HIGHER EDUCATION FOR SENIOR CITIZENS: THE VALUE OF
UNIVERSITY FOR THE ELDERLY TOWARDS SOCIAL APPROPRIATION OF CULTURAL
HERITAGE
B. del Espino Hidalgo, F.J. García Fernández, E. Mosquera Adell, M.T. Pérez Cano

3396

EXPLORING FOREIGN LANGUAGE UNDERGRADUATE STUDENTS’ PERCEPTIONS,
EXPECTATIONS AND ATTITUDES AS A PRIOR STEP FOR GAMIFICATION DESIGN IN
HIGHER EDUCATION
M.M. Sanchez-Perez, I. Rivera Trigueros

3403

GAME OF THRONES AUDIOVISUAL TRANSLATION AS A TOOL TO FOSTER THE
LINGUISTIC COMPETENCE IN THE ENGLISH AS A FOREIGN LANGUAGE
CLASSROOM
I. Rivera Trigueros, M.M. Sanchez-Perez

3412

INTERRELATIONSHIP BETWEEN THE PHYSICAL ACTIVITY OF PRIMARY
SCHOOLCHILDREN AND THE SCHOOL ENVIRONMENT ENCOURAGING
AUTONOMY IN THE CONTEXT OF THE SELF-DETERMINATION THEORY
D. Gaužauskas, R. Bubnys, S. Šukys

3417

APPLICATION OF TASK REPETITION METHOD FOR CORRECTION AND
ASSESSMENT PURPOSES IN TEACHING AN ESP COURSE: A CASE STUDY OF
BAUMAN MOSCOW STATE UNIVERSITY
S. Shatynoga, A. Khrititonova

3426
YEAR-ROUND SCHOOLING: DOES IT REDUCE SUMMER SLIDE FOR ECONOMICALLY DISADVANTAGED STUDENTS?  
W. Ahmed, X. Liang, K. Koskey, N. Makki

THE ROLE OF STUDENT INITIATIVES IN THE PROCESS OF IMPROVING THE QUALITY OF HIGHER EDUCATION  
M. Kosior-Kazberuk, W. Paolouki

EVALUATION OF THE GENERIC SKILLS OF THE DEGREE IN MECHANICAL ENGINEERING AT THE UNIVERSITY OF ALMERIA  
J.A. Garrido-Cárdenas, F. Manzano-Agugliaro, A. Alcayde-García, E. Salmerón-Manzano, J. López Martínez

PERCEPTION OF HOME SCHOOLING BY PARENTS’ PERSPECTIVE  
Y. Pohnetalova

LEARNING TO TEACH MATHEMATICS AND SCIENCE TO ENGLISH LEARNERS IN CULTURALLY SUSTAINING WAYS: THREE CASE STUDIES  
E. Franklin

EDUCATION IN THE CZECH REPUBLIC IN PRIMARY SCHOOL WITH AN EMPHASIS ON READING LITERACY  
M. Fasnerová

EXAMINING THE LEVEL OF READING LITERACY IN PRIMARY SCHOOL CHILDREN IN THE CZECH REPUBLIC  
M. Fasnerová

USE AND CONTRIBUTION OF FUNDRAISING IN PRE-PRIMARY EDUCATION  
A. Opletalová

LEARNING NOVEL ANALYTICAL PROCEDURES BY USING INTERACTIVE AUDIOVISUAL TOOLS IN CHEMISTRY DEGREE  
B. Socas Rodríguez, R. Rodríguez Ramos, A. Santana Mayor, M.Á. Rodríguez Delgado

A NEW APPROACH FOR PRACTICAL INITIATION OF POSTGRADUATE STUDENTS IN NANOCHROMATOGRAPHY  
B. Socas Rodríguez, A. Santana Mayor, R. Rodríguez Ramos, G. D’Orazio, M.Á. Rodríguez Delgado

TECHPEOPLECARE: INNOVATIVE DIGITAL LITERACY TRAINING METHODOLOGY  
S. Muñoz Hernández, C. Benac Earle, J.E. Carrillo Plaza

“DESIGNSTEM: E-TOOLS FOR INTEGRATED DESIGN AND STEM EDUCATION.” AN OVERVIEW OF THE OUTCOMES OF AN ERASMUS+ PROJECT INVOLVING EDUCATORS FROM NINE EUROPEAN COUNTRIES, COMPLETED BETWEEN 2016-2019  
R. Spencer

THE BENEFITS OF REFLECTIVE PRACTICE USING SPEAKING TASKS IN TEACHING SPANISH FOR THE PROFESSIONALS  
C. Pardo-Ballester

THREE-YEAR PRACTICE AND EVALUATION OF INTRODUCTORY PROGRAMMING EDUCATION  
J. Shinkai, Y. Hayase

FUTURE MATHEMATICS TEACHERS ATTITUDES TOWARDS MATHEMATICS AND ITS TEACHING. RESEARCH PREVIEW  
P. Vankuš, M. Babinská

COMPETENCE DEVELOPMENT, STUDENT VALUATION AND KNOWLEDGE TRANSFERENCE AFTER COOPERATIVE PROJECT-BASED LEARNING IN “DEVELOPMENTAL PSYCHOLOGY IN CHILDHOOD AND ADOLESCENCE” IN THE PSYCHOLOGY DEGREE  
D. Gomez-Baya, C. Granado-Alcon, I. Benitez-Montagut, R. Mendoza-Berjano

THE SUSTAINABILITY APPROACH IN FOOD SCIENCE AND TECHNOLOGY: CLOSING THE LOOP IN THE FOOD CHAIN  
P. Guerrero, K. de la Caba

EMPIRICAL VALIDATION OF COOPERATIVE PROJECT-BASED LEARNING IN “DEVELOPMENTAL PSYCHOLOGY AND PROMOTION OF PHYSICAL ACTIVITY IN CHILDHOOD AND ADOLESCENCE” IN PHYSICAL ACTIVITY AND SPORT SCIENCES’ DEGREE  

RESEARCH ON PROFESSIONAL MOTIVATION WITH JUNIOR PEDAGOGICAL STAFF  
J. Skoda, P. Doudík, I. Simonova

THE CREATIVE BUSINESS MODEL CANVAS AS A TOOL FOR ENTREPRENEURSHIP EDUCATION  
M. Carter, C. Carter
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Enhancing Mathematics Learning with Escape Games</td>
<td>3545</td>
</tr>
<tr>
<td>P.C. Lim, Y. Jakop</td>
<td></td>
</tr>
<tr>
<td>The Analysis of Reading Parts of English Course Books for the Primary School Learners</td>
<td>3550</td>
</tr>
<tr>
<td>K. Hanzlíková, I. Simonova</td>
<td></td>
</tr>
<tr>
<td>What Happened After the Workshop? Exploring Academics’ Integration of Technology into Practice</td>
<td>3556</td>
</tr>
<tr>
<td>A.R. Md Deni, A. Tumar</td>
<td></td>
</tr>
<tr>
<td>Using Drones, 3D Modeling and Digital Fabrication Technologies to Promote Architectural Heritage: A Case Study</td>
<td>3565</td>
</tr>
<tr>
<td>C. Lorenzo, E. Lorenzo, E. Chamorro</td>
<td></td>
</tr>
<tr>
<td>Promoting Sustainability and Ethics in Product Development in Chemical Engineering Courses</td>
<td>3572</td>
</tr>
<tr>
<td>H. Olivier-Ortega, Q. Tarrés, M. Delgado-Aguilar, M. Alcalá, P. Mutjé</td>
<td></td>
</tr>
<tr>
<td>Enhancing the Acquisition of Competences through the Flipped Classroom Model</td>
<td>3576</td>
</tr>
<tr>
<td>M. Bailera, B. Peña, I. Zabalza, E. Teruel, R. Aragüés, E. Llera, S. Usón, D. Ranz, P. Lisbona</td>
<td></td>
</tr>
<tr>
<td>Analysis of Women’s Motivations in Engineering</td>
<td>3582</td>
</tr>
<tr>
<td>N. Esquin, X. Espinach, F. Julidín, M. Alcalá</td>
<td></td>
</tr>
<tr>
<td>Enabling a Better Flexibility during Self-Study through YouTube</td>
<td>3588</td>
</tr>
<tr>
<td>M. Bailera, I. Zabalza, B. Peña</td>
<td></td>
</tr>
<tr>
<td>The Risks Associated with the Progression of Time Spent by Using Mobile Multimedia in After-School Time Among Older School-Age Children</td>
<td>3595</td>
</tr>
<tr>
<td>V. Salcman</td>
<td></td>
</tr>
<tr>
<td>Tendencies in Software Engineering Education</td>
<td>3601</td>
</tr>
<tr>
<td>P. Georgieva, E. Nikolova, D. Orozova</td>
<td></td>
</tr>
<tr>
<td>Strategies for Teaching and Learning Quality Enhancement – The Case of Croatia</td>
<td>3610</td>
</tr>
<tr>
<td>I. Duzević, T. Baković, M. Đumić</td>
<td></td>
</tr>
<tr>
<td>Improving Access to Information about the Cultural Heritage of the Bulgarian Revival</td>
<td>3617</td>
</tr>
<tr>
<td>H. Atanasov, T. Todorova</td>
<td></td>
</tr>
<tr>
<td>Available on the Internet: Digitization of the Archival Heritage Stored in Bulgarian Institutions of Memory</td>
<td>3621</td>
</tr>
<tr>
<td>H. Atanasov</td>
<td></td>
</tr>
<tr>
<td>Horizontal Segregation in Higher Education Based on Family Socioeconomic Background</td>
<td>3628</td>
</tr>
<tr>
<td>G. Soto Personat, S. Agut Nieto, M.R. Agost Felip</td>
<td></td>
</tr>
<tr>
<td>Identifying Challenges to Foreign Language Education and Designing a Strategy for Future Development of Japanese Studies at Sofia University, Bulgaria</td>
<td>3636</td>
</tr>
<tr>
<td>G. Petkova, S. Zhivkova, V. Nikolova, T. Ivanova</td>
<td></td>
</tr>
<tr>
<td>E-Learning granularity for master courses</td>
<td>3641</td>
</tr>
<tr>
<td>A. Moriconi, S. Pasqua, A. Laganà</td>
<td></td>
</tr>
<tr>
<td>Active Aging in Poland and Canada</td>
<td>3648</td>
</tr>
<tr>
<td>K. Białożyń, N. Pikula</td>
<td></td>
</tr>
<tr>
<td>Geography Teaching in Pre-Primary Education</td>
<td>3649</td>
</tr>
<tr>
<td>J. Vojteková, M. Vojtek, M. Žoncová</td>
<td></td>
</tr>
<tr>
<td>Choice of Field of Study and Wage of Insertion. Are There Gender Differences?</td>
<td>3657</td>
</tr>
<tr>
<td>Inclusive Teachers’ Competences in the Finnish School Context</td>
<td>3662</td>
</tr>
<tr>
<td>O. Kyrö-Ämmälä</td>
<td></td>
</tr>
<tr>
<td>Virtual Reality in Geography Teaching</td>
<td>3663</td>
</tr>
<tr>
<td>J. Vojteková, K. Pitonáková, M. Vojtek</td>
<td></td>
</tr>
<tr>
<td>Generation Z: Ways, Methods and Forms of Training (to the Question of Increasing the Motivation of Students and the Professional Growth of Teachers)</td>
<td>3670</td>
</tr>
<tr>
<td>S. Khusainova, K. Palčkha</td>
<td></td>
</tr>
</tbody>
</table>
PROFESSIONAL KNOWLEDGE AND TEACHER IDENTITY: LEARNING FROM STUDENTS AND UNIVERSITY INSTRUCTORS’ PERCEPTIONS IN A TEACHER EDUCATION PROGRAM
B. Jarauta, E. Quiles-Fernández, G. Hervas

TAKING THE LEAP FROM MYTH TO LOGOS IN GEOGRAPHY AND HISTORY CLASSES WITH SEVENTH-GRADE STUDENTS FROM VENTURA RODRÍGUEZ SECONDARY SCHOOL
A. Arsuaga Méndez, A.J. Pinto Tortosa

FIRST STEPS OF CREATING AN IMMERSIVE SCENARIO FOR IMPROVING NAVAL SKILLS
I. Otero-González, D. Pantazatos, D. Docampo

THE USE OF AAC MEANS IN AN ADULT INDIVIDUAL WITH SEVERELY DISRUPTED COMMUNICATION ABILITY
J. Maštalíř, S. Mikulášková, R. Mlčáková

ASSESSING THE NEEDS OF RISK MANAGEMENT EDUCATION IN THE WORLD
M. Hudáková, M. Masár, V. Mika

PARENTAL SUPPORT FOR THE DEVELOPMENT OF A SMALL CHILD WITH NORMAL DEVELOPMENT, WITH RISK OF DISABILITY AND DISABLED. COMPARATIVE STUDY
B. Kosevska

ANALYSIS OF RISK MANAGEMENT EDUCATION AT UNIVERSITIES IN EU COUNTRIES
M. Masár, D. Brezina, M. Hudáková

MOTIVATIONS IN THE ERASMUS+ PROGRAM: AN APPLICATION TO UNIVERSITY STUDENTS OF BUSINESS ADMINISTRATION IN LISBON
M. Varela, R. Caldeira, A. Dias

THE ROLE OF MOODLE QUIZ IN MATH EDUCATION
J. Drabková, D. Országhová

INNOVATIVE METHOD OF CONCEPTUAL MAPPING
D. Gunišová, N. Kozárová

DIFFERENTIAL EQUATIONS IN UNIVERSITY EDUCATION
T. Pechociak, N. Kecskes, R. Hornyak Greganová

INTERFACES FOR THE E-LEARNING OF DESCRIPTIVE GEOMETRY IN VIRTUAL SPACE
G. Mele

POSSIBILITIES OF 3D PRINTERS’ APPLICATION IN EDUCATIONAL PROCESS AT SECONDARY TECHNICAL SCHOOLS
R. Loskot, P. Cyrus

CO-TEACHERS AND THEIR ROLE IN SCHOOL INCLUSION OF STUDENTS WITH ASD (AUTISM SPECTRUM DISORDER): VIEWS OF PARENTS
M. Georgiadi, S. Plexousakis, N. Loizidou-Ieridou

CAN URGENT HEALTH CARE STUDENTS READ THE TEMPERATURE CURVE OF PATIENT? (ANALYSIS OF TEST TASK SOLUTION FOCUSED ON GRAPHICAL LITERACY)
Z. Balázsiová, M. Mankovecká

CORPORA AND THEIR APPLICATIONS IN LINGUISTICS AND TRANSLATION STUDIES
B. Jakubickova, K. Welniţová

TOWARD INTERNATIONALIZATION OF ONLINE HIGHER EDUCATION: A STUDY OF AN IRANIAN UNIVERSITY
S. Mansouri, S. Heydarnia

SKILL NEEDS – GALICIA 2030: A METHODOLOGY TO BUILD BRIDGES BETWEEN EDUCATION AND LABOUR MARKET
L. Franco, P. Blanco, L. Borrajo, A. Justo, N. Rodríguez-Aubó, S. García

MULTI-ACTOR ENGAGEMENT: AN OPEN INNOVATION PROCESS OF KNOWLEDGE EXCHANGE AND CO-CREATION
L. Franco, A. Justo, C. Cotelo, I. Arias, L. Garrido, L. Lloret, N. Rodríguez-Aubó

SOLIDARITY IN THE CLASSROOM. CHARACTERIZING HELPFUL STUDENTS AND SUPPORTIVE RELATIONSHIPS IN THE UNIVERSITY CONTEXT
J.V. Tomás-Miquel, J. Capó Vicedo

THE EFFECT OF GENDER IN THE ESTABLISHMENT OF RELATIONSHIPS IN HIGHER EDUCATION
J. Capó Vicedo, J.V. Tomás-Miquel
CIVIC ATTITUDES AND SKILLS IN GREEK YOUTH: EMPIRICAL EVIDENCE FROM PUBLIC AND PRIVATE SECONDARY EDUCATION INSTITUTIONS
E. Makri

ETHICS, CORPORATE SOCIAL RESPONSIBILITY, AND SUSTAINABILITY (ECSRS) IN HIGHER EDUCATION: HOSPITALITY MANAGEMENT STUDENTS’ PERCEPTIONS
L. Zizka, P. Varga

POETRY AND PRISON WORK: ABOUT THE ART OF AESTHETIC EDUCATION
A. Zittlau

CHALLENGES IN THE WORK OF SPECIALISTS IN DIFFERENT SPHERES OF KNOWLEDGE FOR THE CREATION OF CONTEMPORARY INFORMATION PRODUCTS
S. Efthimova

ANALYSIS OF LEXICAL FLUENCY IN FIRST GRADE PUPILS AT SPEECH-THERAPY-TYPE PRIMARY SCHOOL AND AT PRIMARY SCHOOL OF COMMON TYPE
R. Mlčáková, J. Maštálíř

CONDITIONS FOR THE DEVELOPMENT OF STUDENT INNOVATIVE ACTIVITY IN RUSSIAN UNIVERSITIES: ARE STUDENTS READY TO DEVELOP, IMPLEMENT AND CREATE INNOVATIONS?
Y. Didkovskaya

THE BULGARIAN LIBRARIES AND THEIR EXPERIENCE IN DIGITIZING RARE BOOKS AND SPECIAL COLLECTIONS
P. Zlatkova, G. Angelova

TESI - MOBILE APPLICATION FOR EDUCATION AND SOCIAL INCLUSION OF PEOPLE WITH COMMUNICATION DIFFICULTIES
G.E. Iacobescu

DEVELOPING SHORT-TERM EXCHANGE FOR MASTER’S DEGREE STUDENTS IN DIGITAL SERVICE DESIGN

ACADEMIC EDUCATION: UNDERLYING FRAMEWORKS
E. Koster

WORK-ORIENTED PROJECT LEARNING MODEL IN HIGHER EDUCATION
S. Kauppinen, S. Luojus, E. Risu

PSYCHOSOCIAL WORK STRAIN AND ITS INFLUENCE ON DECISION-MAKING PROCESSES
J. Blahová, A. Pauliková

ENGAGING AUDIO BASED MOBILE APPLICATIONS
K. Salo, A. Neuvonen

HIGHER EDUCATION AND ITS LINK TO RESEARCH IN CRITICAL ENERGY INFRASTRUCTURE PROTECTION IN SLOVAKIA
M. Lusková, E. Sventeková

IMPLEMENTING THE REQUIREMENTS OF EXPERTS IN TO THE STUDY PROGRAMS IN THE FIELD OF SECURITY AND SAFETY
E. Sventeková, M. Lusková, Z. Gašparíková

ERROR TYPOLOGY IN FOREIGN LANGUAGE LEARNING AND METHODOLOGICAL TECHNIQUES TO OVERCOME THEM
R. Yakhina, N. Gabdreeva

CULTURAL AWARENESS TRAINING - AN INNOVATIVE BLENDED AND E-LEARNING APPROACH
B. Caul

TEACHING ENGLISH TO OLDER LEARNERS: SOME REFLECTIONS BASED ON PRACTICE IN “AULA DE MAYORES” LIFELONG LEARNING PROGRAMME
M. Bryla

MONITORING TRANSVERSAL COMPETENCES IN TECHNICAL COURSES AT AN UNDERGRADUATE LEVEL
M. Galiana, L. Seguí

DEVELOPING TIME-MANAGEMENT AND CONTINUOUS-LEARNING TRANSVERSAL COMPETENCES AT UNIVERSITY. AN EXAMPLE OF ACTIVITIES AND ASSESSMENT METHODS USED
L. Seguí, M. Galiana

RE/CONCEPTUALIZING RESEARCHING AND LEARNING AS LAYERED PARALLEL PROCESSES: A VANTAGE POINT FOR MID-LEVEL ADMINISTRATORS MENTORING FACULTY
L. Hemmer, C. Weitman
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>FIRST-YEAR UNDERGRADUATE STUDENTS’ UNMET UNIVERSITY EXPECTATIONS</td>
<td>3967</td>
</tr>
<tr>
<td>AND EXPERIENCE COULD INFLUENCE ACADEMIC PERFORMANCE: A SOUTH AFRICAN</td>
<td></td>
</tr>
<tr>
<td>UNIVERSITY CASE STUDY</td>
<td></td>
</tr>
<tr>
<td>S. Pather, E. Booi</td>
<td></td>
</tr>
<tr>
<td>LESSONS IDENTIFIED FROM COMPUTED ASSISTED TRAINING OF INFANTRY</td>
<td>3975</td>
</tr>
<tr>
<td>FIGHTING VEHICLES CREWS</td>
<td></td>
</tr>
<tr>
<td>M. Polach, J. Zecula</td>
<td></td>
</tr>
<tr>
<td>ORGANIZATION OF PEDAGOGICAL WEB ENGINEERING IN THE DEVELOPMENT</td>
<td>3982</td>
</tr>
<tr>
<td>OF INFORMATION COMPETENTCE OF TEACHERS AND STUDENTS</td>
<td></td>
</tr>
<tr>
<td>K. Khamenka, N. Alontseva, Y. Ermoshin</td>
<td></td>
</tr>
<tr>
<td>GAMING AND PLAYFUL PRACTICES IN THE 21ST CENTURY LEARNING ENVIRONMENT</td>
<td>3989</td>
</tr>
<tr>
<td>R. Tkotzyk, K. Hebken</td>
<td></td>
</tr>
<tr>
<td>THE INFLUENCE OF THE MASS MEDIA ON THE RISE OF RISK BEHAVIOR OF</td>
<td>3998</td>
</tr>
<tr>
<td>PRIMARY SCHOOL PUPILS</td>
<td></td>
</tr>
<tr>
<td>K. Krahulcová</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION AND EVALUATION OF CLASSES INCORPORATING DRAMA</td>
<td>4007</td>
</tr>
<tr>
<td>APPROACH METHODS FOR INTERACTIVE LEARNING IN A PRIMARY SCHOOL SETTING</td>
<td></td>
</tr>
<tr>
<td>Y. Zhao, B.K. Iwana</td>
<td></td>
</tr>
<tr>
<td>ADAPTIVE CONTROL METHOD OF E-LEARNING INFRASTRUCTURE TO ENSURE</td>
<td>4015</td>
</tr>
<tr>
<td>SUSTAINABLE OPERATION AGAINST MULTIPLE CRISES</td>
<td></td>
</tr>
<tr>
<td>S. Togawa, K. Kanenishi</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION OF CLIL METHOD IN THE TEACHING PROCESS OF NATURAL</td>
<td>4022</td>
</tr>
<tr>
<td>SCIENCE SUBJECTS</td>
<td></td>
</tr>
<tr>
<td>B. Tokárová, Z. Jenisovod, R. Malá, R. Vajdičková</td>
<td></td>
</tr>
<tr>
<td>DISCUSSING GLOBAL PROBLEMS IN ERASMUS + PROJECT &quot;THE EU AS A MODEL OF</td>
<td>4030</td>
</tr>
<tr>
<td>GLOBALIZATION: EXPERIENCE, VALUES, PERSPECTIVES&quot;</td>
<td></td>
</tr>
<tr>
<td>M. Romanovov, S. Romanovov</td>
<td></td>
</tr>
<tr>
<td>THE COPING STRATEGIES OF STUDENTS WITH DISABILITIES AND OF HEALTHY</td>
<td>4035</td>
</tr>
<tr>
<td>STUDENTS</td>
<td></td>
</tr>
<tr>
<td>T.P. Budýakova, A. Pronina</td>
<td></td>
</tr>
<tr>
<td>PHILOSOPHIZING AS AN EDUCATIONAL PROCESS – HOW TO INITIATE PROFOUND</td>
<td>4039</td>
</tr>
<tr>
<td>DISCUSSIONS USING THE TRAP-MIND-THEORY</td>
<td></td>
</tr>
<tr>
<td>F. Brosow</td>
<td></td>
</tr>
<tr>
<td>DO CONCEPT-MAPS SERVE AS AN APPROPRIATE SCAFFOLD FOR PROBLEM-BASED</td>
<td>4044</td>
</tr>
<tr>
<td>LEARNING ENVIRONMENTS?</td>
<td></td>
</tr>
<tr>
<td>S. Wichtel, A. O’Donnell</td>
<td></td>
</tr>
<tr>
<td>THE UNEXAMINED COURSE IS NOT WORTH GIVING – THE BENEFITS OF EMPIRICAL</td>
<td>4045</td>
</tr>
<tr>
<td>RESEARCH FOR TEACHER TRAINING CURRICULUM DESIGN</td>
<td></td>
</tr>
<tr>
<td>F. Brosow, P. Maisenhölder</td>
<td></td>
</tr>
<tr>
<td>HOW DECISION MAKERS OF SMES CAN BENEFIT FROM SERIOUS GAMES</td>
<td>4054</td>
</tr>
<tr>
<td>M. Kinitzki, C. Pohl, C. Reber, S. Klingler, V. Srikanthan</td>
<td></td>
</tr>
<tr>
<td>SERIOUS GAME DESIGN CONCEPT AND THE TECHNOLOGY ACCEPTANCE MODEL</td>
<td>4061</td>
</tr>
<tr>
<td>M. Kinitzki, T. Kanuske, P. Regel, A. Mezedawi, P. Sautter, F. Haddaji Maslouri</td>
<td></td>
</tr>
<tr>
<td>LISTENING FOR POETRY: READING AND WRITING POETRY BEHIND THE WALLS OF</td>
<td>4071</td>
</tr>
<tr>
<td>THE U.S. PRISON</td>
<td></td>
</tr>
<tr>
<td>J. Thompson, J. Wellman</td>
<td></td>
</tr>
<tr>
<td>SEEING YOURSELF IN PICTURES: SELF AWARENESS IN AUDIOLOGY EDUCATION</td>
<td>4077</td>
</tr>
<tr>
<td>S.C. Fidler</td>
<td></td>
</tr>
<tr>
<td>MODERN TRAINING METHODS IN THE FIELD OF OCCUPATIONAL SAFETY</td>
<td>4078</td>
</tr>
<tr>
<td>P. Kabiesz, J. Bartnicka</td>
<td></td>
</tr>
<tr>
<td>ATTITUDES AND EXPERIENCES OF LECTURERS WITH E-ASSESSMENT</td>
<td>4088</td>
</tr>
<tr>
<td>A. Jahodova Berkova</td>
<td></td>
</tr>
<tr>
<td>SOLVING NON-STANDARD TASKS AND PROBLEMS IN PRIMARY MATHEMATICS</td>
<td>4093</td>
</tr>
<tr>
<td>EDUCATION IN THE CZECH REPUBLIC</td>
<td></td>
</tr>
<tr>
<td>M. Skultety</td>
<td></td>
</tr>
<tr>
<td>PROBLEM-BASED LEARNING AND TEACHER TRAINING IN MATHEMATICS: HOW</td>
<td>4101</td>
</tr>
<tr>
<td>TO EVALUATE A MATH LABORATORY EFFECTIVENESS</td>
<td></td>
</tr>
<tr>
<td>M. Cazzola</td>
<td></td>
</tr>
</tbody>
</table>
DESIGNING FOR AN ACTIVE LEARNING CLASSROOM: HOW TECHNOLOGY MAKES A DIFFERENCE IN HIGHER EDUCATION
L. Bernhardsson, S. Willermark, K. Högberg

THE EFFECT OF INTENSIVE TEACHING IN A MASTER'S DEGREE IN BUSINESS ECONOMICS
E. Opdecam, F. Buysschaert

THE USE OF INVERSION IN CONTEMPORARY LITERARY PROSE
J. Bérešová

TEACHING ACADEMIC ENGLISH THROUGH THE USE OF TECHNOLOGY
J. Bérešová

DEVELOPMENT, EXECUTION AND EVALUATION OF A DIGITAL COURSE IN ACADEMIC WRITING SKILLS
H. Van Der Molen, H. Schmidt, E. Osseweijer, E. Van Der Wal, M. Polak, B. Karrenan

BUILDING INFORMATION MODELING IN A COURSE ON INDUSTRIAL FACILITIES, PLANTS AND CONSTRUCTION IN AN INDUSTRIAL ENGINEERING MASTER'S DEGREE PROGRAM

RESULTS OF THE TEACHING INNOVATION PROJECT: INCORPORATING BUILDING INFORMATION MODELING (BIM) INTO THE INDUSTRIAL CONSTRUCTION COURSE IN AN INDUSTRIAL ENGINEERING MASTER'S DEGREE PROGRAM
E. Fraile-Garcia, J. Ferreiro-Cabello, R. Lóstado-Lorza, M. Corral-Bobadilla

THE COMPETENCE OF THE FUTURE: CREATIVITY OF STUDENTS OF SELECTED CRACOW UNIVERSITIES

ALTERNATIVE AND COMMUNITARY GROUPS OF COMMUNICATION IN THE SOUTH OF BOGOTA: A LOOK INTO GENDER VIOLENCES
F.F. Dueñas-Gaitán, D.F. Peña Garnica, D.A. Cruz-García

LEARNING LABORATORY: INNOVATION IN TEACHER EDUCATORS' PRAXIS
D. Salinas, C. Garrido

INTERDISCIPLINARY LEARNING SPACES: THEIR CONTRIBUTION TO THE DEVELOPMENT OF TEACHERS' PROFESSIONAL IDENTITY AS PROMOTERS OF STUDENTS' WELL-BEING
O. Hebel, E. Sarel Mahlev

VIRTUAL RESOURCES FOR THE IMPROVEMENT OF TEACHING IN THE COURSE OF PORT AND COASTAL ENGINEERING (DEGREE IN CIVIL ENGINEERING)
A. Contreras de Villar, J.J. Muñoz Pérez, F. Contreras de Villar, P. López García

INTERDISCIPLINARY APPROACH TO THE STUDY OF PHYSICS AND MATHEMATICAL ANALYSIS
E. Kazakova, M. Kruchek, E. Moskhina, O. Sergeeva, E. Tikhomirova

DEVELOPING AN EXPERIENTIAL LEARNING ACTIVITY TO LEARN ABOUT ROBOTICS
A. Peiró-Signes, O. Trull-Domínguez, M.V. Segarra-Oñá, J. Expósito-Puente

EXPERIENTIAL LEARNING ACTIVITY: TIC-TAC-TOE APPLICATION USING ROBOTICS
O. Trull-Domínguez, A. Peiró-Signes, J.A. Cabrero-Hernández, J. Rodríguez-Rico

SOME IDEAS FOR ORGANIZATION OF LABORATORY PRACTICUM IN PHYSICS
E. Kazakova, M. Kruchek, E. Moskhina, O. Sergeeva, E. Tikhomirova

3D VIRTUAL PEDAGOGICAL STUDIO
A. Akhayan, E. Teteleva

TRAINING OF MANAGERS OF HEURISTIC METHODS FOR GENERATING NEW IDEAS IN THE DIGITAL ECONOMY
N. Levkin

EXPLORING SOME PROBLEM-BASED LEARNING APPROACHES WITH THE CLASSROOM RESPONSE SYSTEMS FOR UNDERGRADUATE ENGINEERING STUDENTS
J.C. Mosquera Feijoo, F.J. Baeza, D. Santillán Sanchez, M. García Alberti

BREAKING THROUGH IN SUBJECT RANKINGS: IMICAM EXPERIENCE
Y. Ebzeeva, N. Dugalich, D. Nakisbaev, A. Levshits
MUSIC-BASED ACTIVITIES IN THE PREVENTION OF SCHOOL STRESS AN EXPERIMENTAL STUDY
A. Kalarus

THE IMPACT OF PUPIL’S SOCIAL AFFILIATION TO INDIVIDUAL WITH DISABILITY ON THEIR ATTITUDES
L. Zilcher, M. Vostrý, Z. Svoboda, V. Chytrý

THE USE OF ICT BY NATIVES AND IMMIGRANT CHILDREN IN EUROPE: IS THERE A DIFFERENCE?
L. Juhanak, K. Zaleska, J. Zounek, O. Barta, K. Vlckova

USING DATA SCIENCE ALGORITHMS TO ENHANCE STUDENT GROUP PERFORMANCE
N. Rizk, N. Bacchus

OVERCOMING COGNITIVE DIFFICULTIES FOR DEVELOPMENT MATHEMATICAL THINKING
N. Baranova, L. Sorokin

ASSESSING STUDENTS’ CONFIDENCE IN MULTIPLE- AND SINGLE-CHOICE TESTS
J. Suacha

ZOOMING ON THE "REAL" WORKING LIFE: APPLYING PROCESS DRAMA IN TOUR GUIDE EDUCATION
T. Ozogul, H. Sezerel

BLOG AS A LEARNING RESOURCE IN ADJARA
D. Geladze, K. Gurba

DIGITAL TECHNOLOGIES USE IN THE ADJARAN CLASSROOMS
D. Geladze, K. Gurba

ONLINE TEACHER EDUCATION: USING BEST PRACTICES TO FLIP THE CLASS
K. Green

TOWARDS A CHATTERBOT TO HELP STUDENTS IN DISTANCE LEARNING
A.T.T. Ouchi, V.P. Angelico, C.H. Kuretzki, A. Brauerman, E.J. Alberti

EFFECTIVENESS OF COMBINATION THERAPY FOR PEOPLE WITH CEREBROVASCULAR DISEASE FROM THE PERSPECTIVE OF HELPING PROFESSIONS
L. Zilcher, M. Vostrý

EXPERIMENT ON THE USE OF ACTIVE METHODOLOGIES IN THE COURSE WORK RELATED TO COMPUTER PROGRAMMING
C.H. Kuretzki, E.J. Alberti, A. Brauerman

LEARNING FROM THE WORLD: WHAT IT IS TO WORLDSCHOOL
K. Green

FUNCTIONAL EVALUATION AS A NEW CURRICULUM CONCEPT AT HEALTH SCIENCES SCHOOLS
J. Bartnicka, K. Mleczko, A. Zietkiewicz, C. Herrera, C. Valenzuela, P. Dieter

VIRTUAL REALITY (VR) CASES DESIGN AND IMPLEMENTATION TO LEARN INDUSTRIAL ENGINEERING FOR UNDERGRADUATE PROGRAMS
R. Ipiña, N. Aceves, F. Lima, I. Ruiz, M. Azarang

MINDFULNESS AS A FACTOR SUPPORTING EFFECTIVE E-LEARNING
K. Gurba

ON LUCKY NUMBERS: A TOOL TO TEACH AND LEARN MATHEMATICAL CONTENTS IN BASIC EDUCATION
A.P. Aires, P. Catarino

TEACHING WITH SPANISH FILM USING STREAMING MEDIA AND TRANSMEDIA IN THE UNITED STATES
K. Gaugler

RESPONDING TO THE DESIGNATION AS A HISPANIC SERVING INSTITUTION
M. Hillis

THE TEACHING AND LEARNING OF CRITICAL THINKING LOOKS LIKE…: THE PHENOMENOGRAPHIC APPROACH

SQL PLANET - A GAME PROPOSAL TO TEACH SQL LANGUAGE
A. Batista, R. Martins, A. Filho

GAME-BASED CONSTRUCTION LEARNING - CREATING DIGITAL GAMES FOR CHEMISTRY EDUCATION
A. Batista, R. Martins, J. Lellis
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>JAPANESE TEENAGERS’ MOTIVATION TO ENGLISH LEARNING AND THEIR ACADEMIC GRADES: AN ANALYSIS OF THE MOTIVATIONAL PATTERNS AND THE CAUSALITY</td>
<td>4384</td>
</tr>
<tr>
<td>A. Maeda</td>
<td></td>
</tr>
<tr>
<td>STRATEGIES TO FACE SOME DIFFICULTIES IN THE TEACHING-LEARNING PROCESS OF ENGINEERING THERMODYNAMICS</td>
<td>4392</td>
</tr>
<tr>
<td>R. Gámez Leal, M. Jurado Pineda</td>
<td></td>
</tr>
<tr>
<td>AWARENESS ABOUT THE GOOD AND BAD PRACTICES IN THE SCIENTIFIC RESEARCH</td>
<td>4399</td>
</tr>
<tr>
<td>NEW DIDACTIC METHODS OF VISUALIZING THE INTERNAL FORCES OF EULER’S THOUGHT CUT THROUGH THE BODY IN THE SUBJECT OF STRENGTH ELASTICITY</td>
<td>4403</td>
</tr>
<tr>
<td>P. Cyrus</td>
<td></td>
</tr>
<tr>
<td>MAKING THE INVISIBLE VISIBLE BY CHALLENGING THE SINGLE STORY ABOUT CHILDREN</td>
<td>4411</td>
</tr>
<tr>
<td>J.C. McDermott</td>
<td></td>
</tr>
<tr>
<td>THE IMPORTANCE TO INCLUDE SUSTAINABLE ACTIONS IN BUSINESS CLASSES</td>
<td>4412</td>
</tr>
<tr>
<td>R. Florencio da Silva, M. Apolonio-Zuñiga, A.D. Torres-Rivera</td>
<td></td>
</tr>
<tr>
<td>FINDING A WAY OF IMPROVING VR SICKNESS BY DEVELOPING VR SICKNESS QUESTIONNAIRE</td>
<td>4416</td>
</tr>
<tr>
<td>J. Lee, K.S. Nam</td>
<td></td>
</tr>
<tr>
<td>ALL HANDS ON DECK! A CASE STUDY OF THE COLLABORATION BETWEEN AN ACADEMIC AND TEAM OF DIGITAL EXPERTS ON A TECHNOLOGY-ENHANCED VERSION OF A SECOND-YEAR COMMUNICATIONS COURSE</td>
<td>4422</td>
</tr>
<tr>
<td>R. Dañakins, G. Mason, L. Venaruzzo</td>
<td></td>
</tr>
<tr>
<td>USING PAPER IN KINDERGARTEN TO DEVELOP AND ESTIMATE LEVELS OF FINE MOTOR SKILLS</td>
<td>4432</td>
</tr>
<tr>
<td>K. Lerchová, P. Simbartl</td>
<td></td>
</tr>
<tr>
<td>AN INNOVATIVE INTERNATIONAL COOPERATION AND PARTNERSHIP MODEL AMONG GOVERNMENTS AND PUBLIC UNIVERSITIES: SAN DIEGO STATE UNIVERSITY CAMPUS IN THE COUNTRY OF GEORGIA</td>
<td>4438</td>
</tr>
<tr>
<td>H. Guven</td>
<td></td>
</tr>
<tr>
<td>APP INVENTOR VS PROFESSIONAL APPLICATION DEVELOPMENT: A COMPARATIVE STUDY</td>
<td>4447</td>
</tr>
<tr>
<td>T. Tóth</td>
<td></td>
</tr>
<tr>
<td>THE ATTITUDE OF STUDENTS FROM DIFFERENT CULTURAL BACKGROUNDS TOWARDS THE IDEAL TEACHER AT A SPECIALIZED UNIVERSITY</td>
<td>4457</td>
</tr>
<tr>
<td>D. Gudaitytė, E. Butrine, U. Keturakis, V. Tuomaïtė</td>
<td></td>
</tr>
<tr>
<td>MUSIC AT SCHOOL: SOUND CONTEXT, PEOPLE AND SOCIETY</td>
<td>4463</td>
</tr>
<tr>
<td>S. Ferrarese</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF IMPROVISATION IN HIGHER MUSIC EDUCATION</td>
<td>4473</td>
</tr>
<tr>
<td>B. Bačlija Sušić, K. Habe, J. Kadek Mirošević</td>
<td></td>
</tr>
<tr>
<td>FINANCING OF EDUCATION IN RUSSIA: DIFFERENT BUDGETS LEVELS ALLOCATION</td>
<td>4483</td>
</tr>
<tr>
<td>T. Kadniškova, A. Kolesov</td>
<td></td>
</tr>
<tr>
<td>ART- EXPRESSIVE THERAPIES FROM PERSPECTIVE OF PRESCHOOL TEACHERS</td>
<td>4489</td>
</tr>
<tr>
<td>B. Bačlija Sušić, J. Kadek Mirošević, K. Habe</td>
<td></td>
</tr>
<tr>
<td>A DECENTRALIZED LEARNING SUPPORT SYSTEM USING BLOCKCHAIN BASED ON A LEARNING ECONOMY MODEL</td>
<td>4496</td>
</tr>
<tr>
<td>M. Hori, S. Ono, K. Miyashita, T. Kita</td>
<td></td>
</tr>
<tr>
<td>THE IMPACT OF SERVICE LEARNING IN TEACHING-LEARNING PRACTICES</td>
<td>4506</td>
</tr>
<tr>
<td>C. Giunti, S. Chiapa, L. Orlandini</td>
<td></td>
</tr>
<tr>
<td>THE FACTORS OF PEDAGOGICAL INTERVENTION IN PUPILS WITH RISK MANIFESTATIONS OF SCHOOL FAILURE</td>
<td>4513</td>
</tr>
<tr>
<td>E. Zezulkov</td>
<td></td>
</tr>
<tr>
<td>CREATING OF INTERDISCIPLINARY STUDY PROGRAM</td>
<td>4520</td>
</tr>
<tr>
<td>E. Panulinov, S. Harabinová, R. Baškova</td>
<td></td>
</tr>
<tr>
<td>ORIGAMI, ART AND MATHEMATICS AT SCHOOL</td>
<td>4524</td>
</tr>
<tr>
<td>M.L. Spreafico, E. Tramuns</td>
<td></td>
</tr>
</tbody>
</table>
INNOVATION OF THE EDUCATION PROCESS OF THE CONSTRUCTION IN KOSICE
R. Bašković, J. Čabala, Z. Struková
4531
INTEGRATION OF PRINTED CIRCUIT BOARD DESIGN SPOC IN ELECTRONIC
ENGINEERING DEGREE
M. Fernández-Ros, M. Soler-Ortiz, R.M. García, N.N. Castellano, J.A. Gazquez
4537
SOCIAL-EMOTIONAL LEARNING DEVELOPMENT IN CHILDREN: AN IMPACT
PROGRAM IN ACTION
S. Parameswaran, A.S. Aradhya
4544
DO SIMULATORS IN ELECTRONIC ENGINEERING HELP TO DEVELOP
PROFESSIONAL SKILLS? STUDENTS’ OPINIONS
R.M. García, N.N. Castellano, M. Fernández-Ros, M. Soler-Ortiz, J.A. Gazquez
4554
CERTIFICATION IN TEACHING INFORMATION TECHNOLOGIES FOR ENGINEERING
GRADUATES
P. Georgieva, E. Nikolova, D. Orozova, V. Jecheva
4564
DEVELOPMENT AND EVALUATION OF TACIT KNOWLEDGE OF OCCUPATIONAL
HEALTH AND SAFETY IN CONSTRUCTION
M. Kozlovská, Z. Struková
4574
AN EXPERIENTIAL LAB TO INCREASE TEACHERS’ TECHNOLOGY SELF-EFFICACY
V. Benigno, G. Caruso, A. Ceregini, S. Dodici, F. Ravicchio
4582
THE APPLICATION OF 3D TECHNOLOGY IN DIDACTICS OF TECHNICAL SUBJECT
M. Kozlovská, J. Čabala
4592
THE TRANSVERSAL COMPETENCE "CRITICAL THINKING" IN THE SUBJECT THEORY
OF ARCHITECTURE: PROTOCOL AND FIRST ADVANCES OF A PILOT EDUCATIONAL
INNOVATION
L. García-Soriano
4597
CREATIVE SELF-EFFICACY AND UNIVERSITY STUDENTS’ PROSPECTIVE
EMPLOYABILITY: CASE OF LATVIA
S. Usca, I. Rimsane, I. Mietule
4603
INTEGRATING THE STEM METHODOLOGY IN ROBOTICS EDUCATION IN AFTER
SCHOOL ENRICHMENT CLASSES FOR STUDENTS
V. Ancheva, V. Voinohovska
4610
CLASSIFICATION OF STUDENTS BY SUCCESS PREDICTORS IN THE SPOC
PROGRAMMING COURSE
M. Mrázek, J. Basler
4617
E-BOOK BASED EDUCATION IN ERGOTHERAPY FOR STUDENTS AND TRAINEES IN
THE REHABILITATION FIELD
I. Koleva, R. Yoshinov, B. Yoshinov
4626
SELF-EMPLOYMENT AS SEEN BY GRADUATES OF POLISH ART COLLEGES
Z. Gródek-Szostak, D. Kajrunajtys, O. Jandro, A. Grabowska
4634
INTERNET AND EDUCATION: PROJECT APPROACH
S. Revinova, I. Lazanyuk
4641
WHY DO WE NEED PROBLEM BASED AND TECHNOLOGY BASED LEARNING AND
TESTING? – RESULTS FROM THREE STUDIES ON THE DEVELOPMENT OF NEW TEST
FORMATS IN VOCATIONAL EDUCATION AND TRAINING
S. Seeber, E. Wuttke, C. Greiwe, L. Turhan
4650
GAME FOR STUDENTS OF THE EDUCATIONAL FACULTY OF THE ACADEMY OF
MUSIC IN KRAKOW
K.T. Piotrowski, J. Jazownik
4651
INTRODUCTION OF PC-BASED TESTS IN THE EVALUATION PROCESS OF
PROFESSIONAL COMPETENCIES IN THE FIELD OF BALNEOLOGY
I. Koleva, B. Yoshinov, R. Yoshinov
4659
INTERNET ADDICTION AMONG GRAMMAR SCHOOL STUDENTS IN THE CZECH
REPUBLIC
J. Basler, M. Mrázek
4664
SHAPING ENTREPRENEURIAL SKILLS THAT INCREASE PROFESSIONAL
ACTIVATION OF WOMEN IN RURAL AREAS
Z. Gródek-Szostak, D. Kajrunajtys, L. Ochoa Siguencia, A. Szeldz-Sikora
4673
INFORMAL LANGUAGE EDUCATION: THEORETICAL AND PRACTICAL ISSUES
A. Dubakov
4678
THE PHENOMENON OF DISCIPLINE OF THE NOVICE TEACHERS
S. Chudy, J. Kropac, T. Buchlova
4682
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>I SEA PROJECT: CHALLENGES FROM SCIENCE COMMUNICATION AND EVALUATION METHODS USING VIRTUAL REALITY IN NON-FORMAL CONTEXTS</td>
<td>4690</td>
</tr>
<tr>
<td>C. Morais, J.C. Patim, L. Moreira, T. Aguiar, A. Teixeira</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF TEXT ANALYTICS MODELS AND OTHER DATA PROCESSING TECHNOLOGIES FOR THE AUTOMATIC DISCOVERY AND CLASSIFICATION OF TRENDS AND KNOWLEDGE IN THE FIELD OF E-LEARNING</td>
<td>4700</td>
</tr>
<tr>
<td>J. López, G. García, L. Pastor</td>
<td></td>
</tr>
<tr>
<td>FROM EXPERIMENT TO PERMANENT PROCEDURE – THE EXPERIENCES OF PROJECT MANAGER TRAINING AT LAUREA UNIVERSITY OF APPLIED SCIENCES</td>
<td>4705</td>
</tr>
<tr>
<td>T. Laakkonen, P. Palotie, S. Juvonen</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMATIVE FORCES AT UNIVERSITIES OF APPLIED SCIENCES IN THE NETHERLANDS AND THEIR IMPACT ON FACULTY MEMBERS</td>
<td>4713</td>
</tr>
<tr>
<td>N. Ploegman, D. Vlachopoulos</td>
<td></td>
</tr>
<tr>
<td>HOW ARE HIGH SCHOOLS GRADUATES PREPARED FOR INFORMATICS AT UNIVERSITY</td>
<td>4714</td>
</tr>
<tr>
<td>D. Susteková, L. Kontrová</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF TEXT ANALYTICS MODELS AND OTHER DATA PROCESSING TECHNOLOGIES FOR THE AUTOMATIC DISCOVERY AND CLASSIFICATION OF TRENDS AND KNOWLEDGE IN THE FIELD OF E-LEARNING</td>
<td>4714</td>
</tr>
<tr>
<td>J. López, G. García, L. Pastor</td>
<td></td>
</tr>
<tr>
<td>FROM EXPERIMENT TO PERMANENT PROCEDURE – THE EXPERIENCES OF PROJECT MANAGER TRAINING AT LAUREA UNIVERSITY OF APPLIED SCIENCES</td>
<td>4705</td>
</tr>
<tr>
<td>T. Laakkonen, P. Palotie, S. Juvonen</td>
<td></td>
</tr>
<tr>
<td>TRANSFORMATIVE FORCES AT UNIVERSITIES OF APPLIED SCIENCES IN THE NETHERLANDS AND THEIR IMPACT ON FACULTY MEMBERS</td>
<td>4713</td>
</tr>
<tr>
<td>N. Ploegman, D. Vlachopoulos</td>
<td></td>
</tr>
<tr>
<td>HOW ARE HIGH SCHOOLS GRADUATES PREPARED FOR INFORMATICS AT UNIVERSITY</td>
<td>4714</td>
</tr>
<tr>
<td>D. Susteková, L. Kontrová</td>
<td></td>
</tr>
<tr>
<td>FROM COPY TO REDRAW: EXPERIENCES TO LEARN HOW TO DRAW FOR ARCHITECTURE</td>
<td>4721</td>
</tr>
<tr>
<td>U. Zich, E.M. Comparetto, M. Pavignano</td>
<td></td>
</tr>
<tr>
<td>DEVELOPMENT OF ACADEMIC IDENTITY OF CHINESE STUDENTS IN LITHUANIAN HIGHER EDUCATION INSTITUTIONS</td>
<td>4731</td>
</tr>
<tr>
<td>Y. Sun, J. Lasauskiene</td>
<td></td>
</tr>
<tr>
<td>INTEGRATION OF UKRAINIANS INTO THE CZECH SOCIETY WITH A FOCUS ON EDUCATION OF UKRAINIANS PUPILS IN SCHOOLS IN THE CZECH REPUBLIC</td>
<td>4738</td>
</tr>
<tr>
<td>J. Ptischke, P. Kobzová, J. Nálelková</td>
<td></td>
</tr>
<tr>
<td>MULTIMEDIA AND VIRTUAL REALITY INTO COMMUNICATION PRACTICES OF SCIENCE CENTERS: A SOCIAL REPRESENTATIONS PERSPECTIVE</td>
<td>4746</td>
</tr>
<tr>
<td>R. Simões, C. Morais, L. Moreira</td>
<td></td>
</tr>
<tr>
<td>FACTORS INFLUENCING THE EMPLOYABILITY OF PEOPLE WHO GREW UP IN CHILDREN’S HOMES – DOES EDUCATION PLAY AN IMPORTANT ROLE?</td>
<td>4753</td>
</tr>
<tr>
<td>L. Mynaříková, L. Dobručka, P. Fanta</td>
<td></td>
</tr>
<tr>
<td>ADAPTABLE OF YOUNG ADULTS WHO GREW UP IN CHILDREN’S HOMES ON LABOUR MARKET – THE ROLE OF EDUCATION AND TRAINING</td>
<td>4759</td>
</tr>
<tr>
<td>L. Dobručka, L. Mynaříková, P. Fanta</td>
<td></td>
</tr>
<tr>
<td>ACTIVE TEACHING FOR EFFECTIVE LEARNING – A TEACHER TRAINING MODEL WITH INFORMATION AND COMMUNICATION TECHNOLOGIES INTEGRATION</td>
<td>4767</td>
</tr>
<tr>
<td>A.L. Rodrigues</td>
<td></td>
</tr>
<tr>
<td>TAPPING INTO THE STUDENT AS ARTIST TO CRITICALLY EXPLORE AND UNDERSTAND SOCIAL ISSUES</td>
<td>4772</td>
</tr>
<tr>
<td>K. Johnson</td>
<td></td>
</tr>
<tr>
<td>IMPORTANCE OF ENCOURAGING THE VALUE OF AUTONOMY IN EARLY CHILDHOOD WITHIN CROATIAN EARLY CHILDHOOD EDUCATION</td>
<td>4780</td>
</tr>
<tr>
<td>B. Tokić</td>
<td></td>
</tr>
<tr>
<td>THE RISKS OF INTERNET USE BY CHILDREN AND THE YOUTH</td>
<td>4785</td>
</tr>
<tr>
<td>A. Petрова, I. Plevova</td>
<td></td>
</tr>
<tr>
<td>PROVIDING EVIDENCE: USE OF NON-FORMAL LEARNING METHODS FOR STUDENTS’ COLLABORATIVE LEARNING AND IT’S ASSESSMENT IN THE CLASSROOM</td>
<td>4794</td>
</tr>
<tr>
<td>R.U. Ndutukue</td>
<td></td>
</tr>
<tr>
<td>THAI EARLY CHILDHOOD TEACHERS’ EXPERIENCES OF INCLUSIVE TEACHING PRACTICES: A PHENOMENOLOGICAL INQUIRY</td>
<td>4804</td>
</tr>
<tr>
<td>J. Agbenyega, S. Khithuang</td>
<td></td>
</tr>
<tr>
<td>A DECADE OF EHEA. THE CONTINUOUS TRAINING-EVALUATION PROCESSES IN FRONT OF EXTERNAL AND INTERNAL RESISTANCES. COORDINATED TEACHING OF MULTIPLE LARGE GROUPS</td>
<td>4805</td>
</tr>
<tr>
<td>J. López-Tamayo, A.M. Pérez Marín</td>
<td></td>
</tr>
<tr>
<td>MOBILE ACCESS TO DIGITALISED OBJECTS OF CULTURAL AND HISTORICAL HERITAGE</td>
<td>4814</td>
</tr>
<tr>
<td>E. Tsvetkova</td>
<td></td>
</tr>
<tr>
<td>SAFETY OF CZECH ELEMENTARY SCHOOL PUPILS ON THE INTERNET</td>
<td>4819</td>
</tr>
<tr>
<td>F. Frank, J. Frank, L. Honsík, T. Jaker</td>
<td></td>
</tr>
</tbody>
</table>
BLOGGING INTERVIEWS FROM SPANISH SCIENTIFIC WOMEN MADE BY STUDENTS FROM SCIENCE SUBJECTS

RESEARCH WORK AND PRACTICAL TRAINING OF STUDENTS – OPPORTUNITIES AND REALITY
S. Ėfimova, E. Tsvetkova, D. Stoyanova

SOLVING DIFFERENTIAL EQUATIONS USING EULER’S METHOD VIA SPREADSHEETS
A. Didenko, Z. Kavazovic

PERSONALIZATION IN SERIOUS GAMES FOR ASSESSMENT
B. Serhan, B. Said, L. Cheriti, G. El Khayat

AN APPROACH FOR TRAINING TALENTED SECONDARY STUDENTS FOR PARTICIPATION IN COMPETITIONS IN PROGRAMMING
G. Atanasova, P. Hristova

HEALTH SCIENCE STUDENTS’ OPINION ABOUT THEIR PARTICIPATION IN ACTIVITIES TO IMPROVE THEIR LEARNING

DEVELOPING COMPUTATIONAL THINKING SKILLS IN K-12 EDUCATION THROUGH BLOCK PROGRAMMING TOOLS
N. Humble

IDENTIFICATION AND ANALYSIS OF REQUIREMENTS FOR A WEB PLATFORM FOR MANAGING EDUCATIONAL ESCAPE ROOMS
S. López-Pernas, A. Gordillo, E. Barra, J. Quemada

THE ROLE OF EMOTIONAL LABOR AND AUTONOMY IN MITIGATING THE EXHAUSTING EFFECTS OF UNFAIRNESS IN THE TEACHING SECTOR
B. Touaiti, D. Lacaze

DESIGNING PRACTICAL PBL LESSONS FOR FEMALE REPRODUCTIVE SYSTEM PHYSIOPATHOLOGY TEACHING

AMMIL: A METHODOLOGY FOR DEVELOPING VIDEO-BASED LEARNING COURSES
J. Quemada, E. Barra, A. Gordillo, S. Pavon, J. Salvachúa, I. Vazquez, S. López-Pernas

STUDENTS’ PERCEPTIONS ON THE ROLE OF SOCIAL MEDIA PRESENCE IN HIRING DECISIONS
R. Faizi, S. El Fkihi

MATHEMATICAL APPROACHES FOR CREATION OF COMPLEX 3D MODELS AND THEIR APPLICATION IN EDUCATION
I. Trenchée, R. Matreveski, M. Traykov, D. Staykov

IMPROVEMENT PLANS DESIGNED AND IMPLEMENTED BY THE QUALITY INTERNAL GUARANTEE COMMITTEE OF THE DEGREE IN PHARMACY OF THE UNIVERSITY OF GRANADA DURING 2016-2019 COURSES

ANALYSIS OF AN E-LEARNING AUGMENTED ENVIRONMENT: A SEMIOTIC APPROACH TO AUGMENTED REALITY APPLICATIONS
S. Cicconi, M. Marchese

APPLICATION OF NEW TECHNOLOGIES FOR 3D MODELING IN AN UNIVERSITY INFORMATION ENVIRONMENT
S. Denchev, I. Trenchée, I. Plevieva, I. Pavlova

RESEARCH ON HISTORIC BUILDINGS – IMPLEMENTATION OF SCIENTIFIC AND DIDACTIC TASKS
A. Szymanowska, B. Wilk-Słomka

THE PROBLEM OF TOLERANCE IN THE CONTEXT OF INTERCULTURAL COMMUNICATION IN MODERN SOCIETY (LINGUOCULTURAL ASPECT)
O. Koutsoni, A. Keyko, E. Shamsutdinova
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>RESEARCH ON OBJECTS WITHIN COOPERATION WITH THE AUSCHWITZ-BIRKENAU MUSEUM, FORMER GERMAN NAZI CONCENTRATION ANDextermination Camp</td>
<td>4951</td>
</tr>
<tr>
<td>B. Wilk-Słomka, A. Szymanowska-Guzdzi</td>
<td></td>
</tr>
<tr>
<td>USING SPANISH NEWSPAPERS IN TEACHING SPANISH TO RUSSIAN STUDENTS</td>
<td>4959</td>
</tr>
<tr>
<td>I. Kotenyatkina</td>
<td></td>
</tr>
<tr>
<td>TEACHING OF ACCOUNTANCY IN A NON-ACCOUNTING MAJOR</td>
<td>4964</td>
</tr>
<tr>
<td>A. Borzán, B. Kardo</td>
<td></td>
</tr>
<tr>
<td>PROJECT EDUCATION IN THE PRACTICE OF BUDAPEST BUSINESS SCHOOL</td>
<td>4972</td>
</tr>
<tr>
<td>K. Faragóné Lepp, B. Kardo</td>
<td></td>
</tr>
<tr>
<td>ADVANCED METHODS OF MODELING ARCHITECTURAL DETAILS IN THE EDUCATION OF BUILDINGS HEAT LOSS PROTECTION</td>
<td>4978</td>
</tr>
<tr>
<td>J. Belok, T. Steidl</td>
<td></td>
</tr>
<tr>
<td>IN-SERVICE TEACHER TRAINING AND PROFESSIONAL CONTEXTS: HOW TO RESPOND TO TRAINING NEEDS?</td>
<td>4984</td>
</tr>
<tr>
<td>C. Lopes, E. Machado, M. Abelha, A. Albuquerque, I. Martins</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF CTML PRINCIPLES IN DEVELOPING MULTIMEDIA DIGITAL CONTENT FOR LEARNING MOTHER TONGUE</td>
<td>4990</td>
</tr>
<tr>
<td>N. Rogulja, M. Dumančić</td>
<td></td>
</tr>
<tr>
<td>DIDACTIC - SCIENTIFIC STATION FOR THE STUDY OF WALLS USING SOLAR ENERGY</td>
<td>5000</td>
</tr>
<tr>
<td>J. Belok, T. Steidl</td>
<td></td>
</tr>
<tr>
<td>ARRANGEMENT OF THE EDUCATIONAL AND THERAPEUTIC SPACE OF A CHILD WITH CEREBRAL PALSY WITH THE USE OF ASSISTIVE TECHNOLOGIES</td>
<td>5006</td>
</tr>
<tr>
<td>K. Krasi-Kubaszewska, M. Fila</td>
<td></td>
</tr>
<tr>
<td>DESIGNING FOR COMPANIES: CODIFYING WORKSHOPS FORMAT FOR SPRINT PRODUCTS DEVELOPMENT</td>
<td>5015</td>
</tr>
<tr>
<td>C. Dastoli, F. Papile, A. Marinelli, M. Bisson, V. Arquilla, B. Del Curto</td>
<td></td>
</tr>
<tr>
<td>TEACHING ARABIC TO LINGUISTS: SOCIO-CULTURAL ADAPTATION TO NEW LANGUAGE ENVIRONMENT</td>
<td>5023</td>
</tr>
<tr>
<td>N. Dubinina, L. Gishkaeva, A. Shavtikova</td>
<td></td>
</tr>
<tr>
<td>RELATIONS BETWEEN THE GENERATIONS IN EDUCATION PROCESSES ON THE EXAMPLE OF TWO PROJECTS CONDUCTED AT THE FACULTY OF CIVIL ENGINEERING OF THE SILESIAN UNIVERSITY OF TECHNOLOGY</td>
<td>5028</td>
</tr>
<tr>
<td>M. Marchacz</td>
<td></td>
</tr>
<tr>
<td>TESLA - EXPLORING INNOVATIVE IMMERSIVE TECHNICS AND VIRTUAL REALITY TO IMPROVE HIGHER EDUCATION IN PALESTINE</td>
<td>5035</td>
</tr>
<tr>
<td>D. Popovici, R.H. Correia de Melo, S. Ionitescu, B. Dumitrana, A. Conci</td>
<td></td>
</tr>
<tr>
<td>OPEN EDUCATIONAL PLATFORMS, SIMPLE TOOLS, IN THE TEACHING PROCESS, ON THE EXAMPLE OF STUDENTS OF THE FACULTY OF CIVIL ENGINEERING, SILESIAN UNIVERSITY OF TECHNOLOGY</td>
<td>5041</td>
</tr>
<tr>
<td>M. Marchacz</td>
<td></td>
</tr>
<tr>
<td>TO FLIP OR NOT TO FLIP? THAT IS THE QUESTION. FLIPPED TEACHING IN HIGHER EDUCATION</td>
<td>5049</td>
</tr>
<tr>
<td>J.S. Artal-Sevil, E. Romero</td>
<td></td>
</tr>
<tr>
<td>A LOCUS PROBLEM SOLVING IN DYNAMIC GEOMETRY ENVIRONMENT</td>
<td>5060</td>
</tr>
<tr>
<td>M. Knetova, T. Knet</td>
<td></td>
</tr>
<tr>
<td>STUDENT INTERNSHIP EFFECTIVENESS: CASE STUDY OF ICT STUDY PROGRAMME</td>
<td>5067</td>
</tr>
<tr>
<td>K. Pužar Antič, R. Mekovec, R. Kucar</td>
<td></td>
</tr>
<tr>
<td>DEFINING COMPETENCE DESCRIPTION ELEMENTS FOR SCHOOL PRINCIPALS’ DIGITAL COMPETENCE FRAMEWORK: CROATIAN EXAMPLE</td>
<td>5074</td>
</tr>
<tr>
<td>R. Mekovec, N. Zajidela Hrustek, V. Kirinić, Z. Hutinski, M. Klačner Calupa</td>
<td></td>
</tr>
<tr>
<td>CURRENT ISSUES OF EARLY CHILDHOOD EDUCATION AND CARE IN THE CZECH REPUBLIC</td>
<td>5082</td>
</tr>
<tr>
<td>K. Slezáková, L. Grážová</td>
<td></td>
</tr>
<tr>
<td>LEARNING SCENARIOS WITH ROBOTS AS STRATEGY TO DEVELOP COMPUTATIONAL THINKING SKILLS IN COMPUTER SCIENCE TEACHER EDUCATION</td>
<td>5083</td>
</tr>
<tr>
<td>J. Piedade</td>
<td></td>
</tr>
<tr>
<td>A SELF-LEARNING PLATFORM FOR WEB TECHNOLOGIES</td>
<td>5094</td>
</tr>
<tr>
<td>B. Doersam, A. Riedel</td>
<td></td>
</tr>
</tbody>
</table>
SMART GRID @ HOME - PROBLEM-ORIENTED LEARNING BASED ON A CURRENT SOCIAL THEME
B. Doersam

UGANDA'S JOURNEY TOWARDS INCLUSIVE AND QUALITY EDUCATION FOR ALL: LESSONS FROM UWEZO ASSESSMENT IN THE REFUGEE CONTEXT
D. Mugurusi, J. Tumusiime, J. Nakajima

AMBIENT LEARNING SPACES FOR SCHOOL EDUCATION
M. Herczeg, T. Winkler, A. Ohlei

INQUIRER TEACHER IDENTITY DURING AN EDUCATIONAL INNOVATION
A. Konstantinidis, A. Badia

TURNING HIGH-POVERTY SCHOOLS INTO HIGH-PERFORMING SCHOOLS: INSIGHT AND LESSONS FROM PUBLIC SCHOOLS THAT DISRUPT POVERTY FOR ALL STUDENTS
W. Parrett, K. Budge

TOWARDS AN INTERVENTION MECHANISM FOR SUPPORTING LEARNERS PERFORMANCE IN ONLINE LEARNING
M.E. Rodríguez, A.E. Guerrero-Roldán, D. Baneres, A. Karadeniz

A GAME-BASED LEARNING APPROACH TO TEACH MATHEMATICS TO UNACCOMPANIED MINORS IN PARIS
I. Bartzia, C. De Smet

A TRANSVERSAL CLINICAL CASE ABOUT HEALTH CONSEQUENCES OF TOBACCO SMOKING IN THE DEGREE OF PHARMACY IMPROVES KNOWLEDGE ACQUISITION AND INTEGRATION CAPACITY
I. Metón, R. Giménez, M. Barenys, J. Gómez-Catalán, R. Martín-Venegas, C. Pelegrí, M. Alegret, D. Pubill, M. Rodamilans

TUTORIAL, PROFESSIONAL, PERSONAL AND ACADEMIC ORIENTATION OF UNIVERSITY STUDENTS "TUTORGRADOS 2.0"

A CASE STUDY OF STUDENT TEACHING PROGRAM IN UAEU COLLEGE OF EDUCATION
S. Alsuwaidi

THE IMPACT OF SCHOOL ENVIRONMENT ON TEACHING AND LEARNING NATIONAL SOCIAL STUDIES IN HIGH SCHOOL LEVEL FROM THE POINT VIEW OF FEMALE STUDENTS AND TEACHERS IN SAUDI ARABIA
Z. Alanazi, T. McCloughlin, A. Tamtam

INTEGRATION OF INTERNET TECHNOLOGIES INTO THE PROCESS OF TEACHING FOREIGN LANGUAGES AT THE SECONDARY STAGE OF EDUCATION (ON THE EXAMPLE OF A VIRTUAL INTERACTIVE BOARD PADLET)
E. Harkova, K. Bashkirova

THE CLINICAL CASE AS A TOOL TO INTEGRATE THE CONTENTS OF THE THREE PHYSIOLOGY AND PATHOPHYSIOLOGY SUBJECTS OF THE PHARMACY DEGREE AT THE UNIVERSITY OF BARCELONA

USE OF DUOLINGO PROGRAM IN TEACHING ENGLISH LANGUAGE AT THE SECONDARY STAGE OF EDUCATION
E. Harkova, K. Bashkirova

SCHOOLS AS DIGITAL LIVING LABS. PLATFORMS TO CO-DESIGN SCHOOL INNOVATIONS
G. Baran

WHAT 'SEAMS' EMBEDDED IN MOBILE LEARNING FROM TEACHERS' PERSPECTIVES IN CHINESE HIGHER EDUCATION?
Y. Liao

MUTUAL INNOVATION CAPACITY BUILDING THROUGH CHALLENGE DRIVEN EDUCATION FOR SUSTAINABLE DEVELOPMENT IN AN INTERNATIONAL FRAMEWORK
R. Wyss, M. Kissaka, E. Shayo, C. Muwase, A.K. Högfeldt, F. Ishengoma, H. Tenhunen

xliii
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>LEADERSHIP IN EDUCATION - BULGARIAN EXAMPLE IN THE CONTEXT OF GOOD</td>
<td>5220</td>
</tr>
<tr>
<td>EUROPEAN PRACTICES</td>
<td></td>
</tr>
<tr>
<td>S. Modev</td>
<td></td>
</tr>
<tr>
<td>EXPLORING THE APPLICATIONS OF AUGMENTED REALITY FOR ENGLISH</td>
<td>5226</td>
</tr>
<tr>
<td>LEARNING</td>
<td></td>
</tr>
<tr>
<td>A. Carrera Rivera, J. Samaniego Villarroel, S. Vasconez Miranda, A.</td>
<td></td>
</tr>
<tr>
<td>Mayorga</td>
<td></td>
</tr>
<tr>
<td>MANAGERIAL ECONOMICS IN COMPUTER SIMULATIONS</td>
<td>5230</td>
</tr>
<tr>
<td>M. Szalański, T. Zalega</td>
<td></td>
</tr>
<tr>
<td>FACEBOOK AS A VIRTUAL LEARNING CLASSROOM – THE TEACHER’S CHALLENGE</td>
<td>5240</td>
</tr>
<tr>
<td>J. Samaniego Villarroel, A. Carrera Rivera, C. Montesdeoca, A. Vera</td>
<td></td>
</tr>
<tr>
<td>THE IMPORTANCE OF WORK FACTORS FROM THE PERSPECTIVE OF DIFFERENT</td>
<td>5246</td>
</tr>
<tr>
<td>GENERATIONAL GROUPS OF EMPLOYEANS</td>
<td></td>
</tr>
<tr>
<td>I. Novotná, M. Kučerová, Z. Čygrák Babelová, J. Váňová</td>
<td></td>
</tr>
<tr>
<td>RUSSIAN-LANGUAGE EDUCATION: APPROACHES TO FORMING PROFESSIONAL</td>
<td>5254</td>
</tr>
<tr>
<td>ORIENTED COMMUNICATIVE COMPETENCE OF FOREIGN STUDENTS</td>
<td></td>
</tr>
<tr>
<td>S. Adu, A. Borisova, E. Kozlovskaya</td>
<td></td>
</tr>
<tr>
<td>ENTREPRENEURSHIP COMPONENT IN THE CURRICULUM OF STUDENTS OF</td>
<td>5258</td>
</tr>
<tr>
<td>MANAGEMENT MAJORS: COMPARISON OF UNIVERSITIES IN UKRAINE AND</td>
<td></td>
</tr>
<tr>
<td>POLAND</td>
<td></td>
</tr>
<tr>
<td>Y. Revtiuk, A. Kalemba</td>
<td></td>
</tr>
<tr>
<td>THE STUDENT LEADERSHIP PRACTICES INVENTORY: TRANSLATION AND</td>
<td>5264</td>
</tr>
<tr>
<td>VALIDATION OF QUESTIONNAIRE FROM ENGLISH INTO MALAY</td>
<td></td>
</tr>
<tr>
<td>Abdul Aziz, A.N. Md Nor</td>
<td></td>
</tr>
<tr>
<td>THE EDUCATIONAL AND FORMATIVE POTENTIAL OF MULTILINGUAL DIGITAL</td>
<td>5265</td>
</tr>
<tr>
<td>STORYTELLING: A STUDY IN A CULTURALLY DIVERSE PRIMARY SCHOOL IN</td>
<td></td>
</tr>
<tr>
<td>ITALY</td>
<td></td>
</tr>
<tr>
<td>V. Pagani, C. Falcone, G. Pastori</td>
<td></td>
</tr>
<tr>
<td>PERSONAL DEVELOPMENT AND AGE DISCRIMINATION IN THE EDUCATION OF</td>
<td>5273</td>
</tr>
<tr>
<td>EMPLOYEES IN THE INDUSTRIAL ENTERPRISES IN SLOVAKIA</td>
<td></td>
</tr>
<tr>
<td>I. Novotná, M. Fero</td>
<td></td>
</tr>
<tr>
<td>PHYSICAL CLASSROOM ENVIRONMENT AND ITS POTENTIALITY TO CHANGE</td>
<td>5279</td>
</tr>
<tr>
<td>TEACHING PRACTICES’ CONCEPTIONS: A CASE STUDY WITH FUTURE TEACHERS</td>
<td></td>
</tr>
<tr>
<td>C. Costa</td>
<td></td>
</tr>
<tr>
<td>AN INTERNATIONAL COLLABORATION RESULTING IN THE USE OF PROBLEM-</td>
<td>5288</td>
</tr>
<tr>
<td>BASED LEARNING TO DELIVER COMMUNITY OUTREACH SOLUTIONS</td>
<td></td>
</tr>
<tr>
<td>M. Windale, T. Daniels, P. Edirisingha, M. Montanchez Torres, P.</td>
<td></td>
</tr>
<tr>
<td>Martínez Suárez, C. Domínguez Crespo, J. Cabrera Mejía</td>
<td></td>
</tr>
<tr>
<td>SPECIFICS OF SOCIOCULTURAL ADAPTATION IN HIGHLY DIVERSE GROUPS</td>
<td>5297</td>
</tr>
<tr>
<td>(BASED ON THE EXPERIENCE OF TEACHING RUSSIAN AS A FOREIGN LANGUAGE</td>
<td></td>
</tr>
<tr>
<td>AT RUDN UNIVERSITY)</td>
<td></td>
</tr>
<tr>
<td>N. Pomortseva, E. Lavrová, F. Novikov</td>
<td></td>
</tr>
<tr>
<td>TOWARDS REINFORCEMENT LEARNING THROUGH MOOCs: THE CASE OF HIGHER</td>
<td>5302</td>
</tr>
<tr>
<td>EDUCATION IN MOROCCO</td>
<td></td>
</tr>
<tr>
<td>B. Riyami, H. Akhasbi, Y. Hazizoune, E. Labriji</td>
<td></td>
</tr>
<tr>
<td>PROJECT-BASED LEARNING: PERSPECTIVE OF THE STUDENTS OF THE PRIMARY</td>
<td>5310</td>
</tr>
<tr>
<td>EDUCATION DEGREE</td>
<td></td>
</tr>
<tr>
<td>F. Aguilera Padilla, V. Pampliega Pedreira</td>
<td></td>
</tr>
<tr>
<td>THE STUDY OF PLANT BIODIVERSITY THROUGH INQUIRY BASED LEARNING:</td>
<td>5317</td>
</tr>
<tr>
<td>DIDACTIC PROPOSAL</td>
<td></td>
</tr>
<tr>
<td>F. Aguilera Padilla, M.L. Lendínez Barriga</td>
<td></td>
</tr>
<tr>
<td>REMOTE INTELLIGENT ACCESS TO LAB EXPERIMENTS - RIALE</td>
<td>5323</td>
</tr>
<tr>
<td>D. Zedda, C. Salis, M.F. Wilson</td>
<td></td>
</tr>
<tr>
<td>TECHNOLOGY-ENHANCED LANGUAGE TEACHING WITH MUSIC IN CHINESE</td>
<td>5329</td>
</tr>
<tr>
<td>KINDERGARTEN: INVESTIGATING IMPLEMENTATION AND EFFICACY</td>
<td></td>
</tr>
<tr>
<td>S. Li, V. Lally, O. Odénan</td>
<td></td>
</tr>
<tr>
<td>THE PROBLEMS OF INSTITUTIONALIZATION OF INTERNATIONAL ACADEMIC</td>
<td>5333</td>
</tr>
<tr>
<td>MOBILITY IN WESTERN SIBERIA</td>
<td></td>
</tr>
<tr>
<td>R. Kničiaščkmetov, I. Pecherkina</td>
<td></td>
</tr>
<tr>
<td>THE INTEGRATING ROLE OF INTERACTIVE METHODS OF TEACHING THE RUSSIAN</td>
<td>5341</td>
</tr>
<tr>
<td>LANGUAGE TO ASTRONAUTANS</td>
<td></td>
</tr>
<tr>
<td>M. Novotnova, F. Novikov</td>
<td></td>
</tr>
</tbody>
</table>
THE TRANSITION OF FOREIGN CHILDREN UNACCOMPANIED TOWARDS ADULTHOOD AND THE TRAINING OF OPERATORS. THE CASE OF THE CISOTRA INTERNATIONAL PROJECT
M.G. Simone

NURSERY SCHOOL TEACHERS’ OPINION OF THE LANGUAGE DEVELOPMENT OF BILINGUAL CHILDREN AND THE RELATIONSHIP WITH THEIR ACADEMIC PERFORMANCE
M. Christopoulou, C. Drosos, M. Agapiou, L. Voniati

ECONOMIC LITERACY: A LONGITUDINAL STUDY IN PORTUGUESE UNDERGRADUATE STUDENTS
M.I. Barreiro Ribeiro, A.J. Gonçalves Fernandes, A.P. Ribeiro Fernandes

CROSS FERTILIZATION BETWEEN PSYCHOLOGY AND MARKETING: INSIGHTS ON CONSUMER VALUE MEASURES THROUGH AN IN-CLASS EXERCISE WITH MASTER STUDENTS
M.G. Gallarza, R. Sánchez-Fernández

EUROPEAN HUB ON NEW CHALLENGES IN THE FIELD OF ESSENTIAL OILS (EOHUB). A PROPOSAL FOR UNIVERSITY-INDUSTRY COOPERATION
C. Calderón-Guerrero, M.C. Gimenez, C. Cordón, J.L. García

HOW TO TEACH AI AT BSC LEVEL?
M. Bakó, L. Aszalós

GREEK CYPRIO SPEECH AND LANGUAGE THERAPISTS’ INTERVENTION SKILLS IN BILINGUAL CHILDREN WITH SPEECH AND LANGUAGE DISORDERS
L. Voniati, M. Christopoulou, A. Violari, D. Tafiadis

THE IMPORTANCE AND EFFECTIVENESS OF SCHOOL-BASED COUNSELLING PROGRAMMES AS AN INTERVENTION FOR THE IMPROVEMENT OF BASIC EDUCATION IN SOUTH AFRICA
L. Mahwai

WHAT DO THEY DO AT HOME? COMPARISON OF FAMILIES OF ENGLISH LANGUAGE LEARNERS (ELS) AND NATIVE ENGLISH SPEAKERS IN HIGH POPULATIONS OF ELS COMMUNITY
X. Liang, S. Vakil, L. Smolen

IMPROVING STUDENT CAPABILITIES THROUGH MULTI-DISCIPLINARY LEARNING-SERVICE PROJECTS
J. García-Martín, J. Gallego Sánchez-Torija, J.E. Pérez-Martín

CONSIDERATIONS FOR DESIGNING ONLINE MANAGEMENT AND BUSINESS COURSES FOR WORKING PROFESSIONALS
G. Zucca, A. Palma

INNOVATION AND PATENT WORKSHOPS WITH STRATEGIC CLUSTERS IN NUEVO LEÓN
M.S. Leal-Gonzalez, E.A. Carlo-Guerrero

INTERNATIONAL COLLABORATION IN A CAPSTONE ENGINEERING DESIGN PROGRAM
P. Gorder, J. Detterfelt

AN EXPERIENCE OF GAME BASED LEARNING: ADAPTATION FROM CLASS TO THE PUBLIC ADMINISTRATION

FOSTERING INCLUSION AND SCIENTIFIC, TECHNOLOGICAL AND INNOVATION VOCATIONS IN WOMEN
M.S. Leal-Gonzalez, P.C. Zambrano-Robledo, E.A. Carlo-Guerrero

APPLICATION OF A TREATMENT FIDELITY FRAMEWORK FOR SYSTEMATIC REPORTING IN SCHOOL-BASED MENTOR PROGRAMS: ILLUSTRATION USING I.C.A.R.E. MENTORING IN THE UNITED STATES
K. Koskey, N. Alishabani, B. Maguth, A. Daviso, J. Greer

EDUCATIONAL GAMES FOR THE DEVELOPMENT OF FUTURE GENERATIONS
C. Garza, D. Valdez, F. Ortiz, M. Zúñiga, R. Barrera

DEVELOPING THE CREATIVITY OF TEACHERS IN THE INNOVATION LABORATORY
M. Fila, J. Laszczyk

SUSTAINABILITY LITERACY THROUGH GAME-BASED LEARNING
J. Papathanasiou, S. Armenia, A. Pompei, R. Scolozzi, F. Barnabè, G. Tsaples
INTRODUCING ELSE: A QUEST FOR ECOLOGICAL LEARNING AND SIMULATION ENVIRONMENTS  5475
A. Romagnuolo

A FLIPPED CLASSROOM APPROACH TO SUPPORTING AT-RISK UNIVERSITY MATHEMATICS STUDENTS: SHIFTING THE FOCUS TO PEDAGOGY  5481
A. Lesage, R. Kay, D. Tepylo

LEARNING STYLES AND THEIR USE IN MEDICAL EDUCATION IN THE FORM OF E-LEARNING MATERIALS  5487
M. Neuschlova, J. Kompanikova

REFUGEE- AND MIGRANT BACKGROUND STUDENTS IN POLISH SCHOOLS IN THE NARRATIVES OF TEACHERS  5497
U. Markowska-Manista, D. Zakrzewska-Oledzka

A GENDER PERSPECTIVE IN THE TEACHING OF TECHNOLOGY INNOVATION: AN EXPERIENCE IN ENGINEERING EDUCATION  5504
G. Calleja, R. de la Torre

“LEARNING HOW TO LEARN”: INCORPORATING STRATEGIES FROM A POPULAR ONLINE COURSE IN A UNIVERSITY ENGLISH LANGUAGE CLASSROOM  5511
A. Grange

INSTITUTIONAL COMMUNICATION ON FACEBOOK: THE CASE OF PORTUGUESE UNIVERSITIES  5518
I. Amaral, S. Santos

INTERCULTURAL EDUCATION IN A MONOCULTURAL SOCIETY – BENEFITS AND CHALLENGES OF THE ERASMUS+ PROGRAM STUDENTS’ INVOLVEMENT IN THE SCHOOL LIFE  5521
D. Zakrzewska-Oledzka, U. Markowska-Manista

SELF-ESTEEM, SOCIAL NETWORK USE AND LIFE SATISFACTION AMONG COLLEGE STUDENTS OF GENERATION XY AND Z  5527
J. Kvitnová, S. Dobešová Čakirpaloglu

SYNERGIES TO CREATE EDUCATIONAL INNOVATION IN THE UNIVERSITY CONTEXT: ELABORATION OF AUDIO-VISUAL AND INTERACTIVE INSTRUCTIVE MATERIALS FOR THE TEACHING NANOTECHNOLOGY  5533
I. Amaral, J. Beitia, M.L. Fidalgo, A. Del Pozo-Rodríguez, M.A. Solinís, M.I. Rodríguez Fidalgo

DESIGNING VIDEO PODCASTS TO SUPPORT AT-RISK UNIVERSITY MATHEMATICS STUDENTS  5537
A. Lesage, R. Kay, D. Tepylo, R. Allen

MAKING INFORMAL LEARNING VISIBLE THROUGH BADGES: CASE STUDY OF BERLENGAS UNESCO BIOSPHERE RESERVE  5543
T. Mouga, M.N. Santos, M.S. Lopes, G. Monteiro, R. Gamboa

THE IBRIDGE CONVERSATIONAL BOT: CRITICAL THINKING SKILLS FOR GRADUATE SUCCESS IN STEM  5551
M. Venkatesh

ASSESSMENT FOR IDENTIFYING TEACHER COMPETENCE GAP IN THE CONTEXT FOR IMPROVING TEACHING 21ST CENTURY SKILLS  5555
I. Dudareva, D. Namsone, A. Butkevica, L. Cakane

ADVENTURE SCIENCE PAY OFF: EXPERIENTIAL LEARNING IN AN INTERNATIONAL FIELD STUDIES PROGRAM  5564
S. Walker

TRAINING TO SUPPORT THE INTRODUCTION OF PERFORMANCE APPRAISAL IN THE LIGHT OF SOME COMPANY EXPERIENCES  5565
P. Tasi, K. Faragóné Lepp, T. Németh

AUTHENTIC MASS MEDIA TEXTS AS THE BASIS OF FOREIGN LANGUAGE AND CULTURE TEACHING  5570
O. Titova, V. Kudinova, I. Rodionova, I. Golovina, I. Kudinova

DIMENSIONAL PROFILE OF ACHIEVEMENT MOTIVATION IN LOW PERFORMANCE STUDENTS  5575
P. Morales Bueno, R. Santos Rodas

STUDENT MADE VIDEOS USED TO INCREASE CREATIVITY, MOTIVATION, PROBLEM SOLVING, CRITICAL THINKING AND COMMUNICATION COMPETENCES  5582
R. Gamboa

THE IMPACT OF THE BOLOGNA PROCESS ON RUSSIAN TERTIARY EDUCATION  5587
T. Margaryan, E. Kartseva
ENGAGING STUDENTS IN ACTIVE LEARNING ACTIVITIES: THE ROLE OF TECHNOLOGICAL COMMUNICATION TOOLS IN AN ACTIVE LEARNING ENVIRONMENT
A.G. Manciaracina

TEACHING CULTURAL COMPETENCE TO INTERNATIONAL AFFAIRS UNIVERSITY STUDENTS THROUGH SHORTENEDIDIOMS IN MEDIA DISCOURSE HEADLINES
E. Temnova

FACING ENGINEERING DISCOURSE: PEER FEEDBACK IN DEVELOPING TECHNICAL WRITING SKILLS
E. Lezhneva, N. Nikolaeva

EVALUATION OF ARTISTIC EDUCATION FROM THE PERSPECTIVE OF THE COMPETENCES OF ARTISTS ENTERING THE LABOUR MARKET. CONCLUSIONS FROM STUDIES ON GRADUATES OF HIGHER SCHOOLS OF ART IN POLAND
M. Marzec, A. Szczudlińska-Kanoś, S. Wrona, E. Bogacz-Wołtanowska

PROBLEMS OF SOCIAL SECURITY OF YOUNG CREATORS AND ARTISTS IN POLAND. CONCLUSIONS FROM STUDIES ON GRADUATES OF HIGHER SCHOOLS OF ART IN POLAND
A. Szczudlińska-Kanoś, M. Marzec, E. Bogacz-Wołtanowska, S. Wrona

COMMUNICATION COMPETENCES OF STUDENTS WITH SPECIAL EDUCATION NEEDS AND TEACHERS AS A “TOOL” ON THE WAY TO INCLUSION
I. Konieczna

IN SEARCH OF (NOT)POSSIBLE STRATEGIES TO SUPPORT COMMUNICATION COMPETENCES OF A STUDENT WITH ASPERGER’S SYNDROME IN PRIMARY SCHOOL
K. Smolińska

FUTURE PERSPECTIVES TO REVIVE TE REO MĀORI (THE LANGUAGE OF THE NEW ZEALAND INDIGENOUS TRIBE)
I. Kazakova

THE INFLUENCE OF HIGHER SCHOOLS OF ART ON THE TRAJECTORIES OF THE ARTISTIC SUCCESS OF THEIR GRADUATES. CASE STUDY FROM POLAND
S. Wrona, E. Bogacz-Wołtanowska, M. Marzec, A. Szczudlińska-Kanoś

ELECTRONIC LAB NOTEBOOKS - EARLY RESEARCH PRACTICE IN TEACHING
B. Zulauf, N. Knipprath

“THE FORGOTTEN SKILL”. ABOUT THE GAPS IN TEACHING ABOUT COOPERATION AT HIGHER SCHOOLS OF ART IN POLAND
E. Bogacz-Wołtanowska, S. Wrona, A. Szczudlińska-Kanoś, M. Marzec

FACTORS THAT SUPPORT ENGINEERING STUDENTS’ LEARNING IN SCIENCES
A. Uukkivi, O. Labanova

DESIGN THINKING AS THE ENVIRONMENT FOR DISRUPTIVE INNOVATION IN EDUCATION
G. Baran

NEW TOOLS FOR TEACHING SMART DESIGN
A.A. Anghel, C. Milincu, D. Ciurea, I. Mohora, A.D. Preda (Hapenciuc), F.M. Frigura-Iliasa

TELL ME EXACTLY WHAT I NEED TO KNOW! YOUTH’S CONCEPTUAL UNDERSTANDING OF THE INTERNET AND SEARCH ENGINES
D. Bilal, Y. Zhang

USING MASTERCLASS MATHS TO ENGAGE GIFTED AND TALENTED PUPILS FROM THE LOWER SOCIO-ECONOMIC GROUPS
T. Lavery

HIGHER EDUCATION AND REGIONAL DEVELOPMENT: WHAT RELATIONS?
A.L. Rodrigues, L. Cerdeira, T. Patrocínio, B. Cabrito, P. Mucharreira

GENDER AND PRIOR KNOWLEDGE FACTORS IN PUPILS’ BELIEFS ABOUT PROGRAMMING IN MATHEMATICS
A. Fuentes Martínez

THE USE OF INDUSTRIAL HERITAGE FOR 3D DESIGN LEARNING
C. Torrecillas, L. García-Ruesgas, F. Valderrama-Gual

TRAINING EXPERIENCES OF FUTURE TEACHERS TO PREVENT SCHOOL VIOLENCE

BUILDING VIBRANT CLASSES IN ONLINE HIGHER EDUCATION: WHAT WORKS FOR EDUCATORS
J. Byrne
AN OPEN SOURCE REMOTE LABORATORY NETWORK BASED ON A READY TO USE SOLUTION: LABOREM
B. Letowski, C. Lavayssière, B. Larroque, F. Luthon

VIDEO AS AN INSTRUMENT TO DEVELOP COMPETENCES OF EQUALITY IN THE STUDENTS OF SCIENCES OF PHYSICAL ACTIVITY AND SPORT
G. Merma-Molina, D. Garvilen Martín, L. Vega Ramírez, L.A. Sauleda Martínez

A DIDACTIC APPROACH FOR INTERIOR DESIGN STUDENTS TOWARDS LEARNING THE DEVELOPMENT OF SPATIAL MODULAR STRUCTURES
A.A. Anghel, D. Giurea, C. Milincu, I. Mohora, A.D. Preda (Hapenciuc), F.M. Frigura-Iliasa

DEVELOPING A SYSTEM OF VIDEO-BASED CUSTOMIZED ASSIGNMENTS FOR LINGUISTIC MAJORS WORKING IN COLLABORATION
N. Popova, A. Dashkina, M. Kogan, A. Kuzmina

USING ROBOTICS IN THE CLASSROOM TO DEVELOP SKILLS NEEDED IN THE 21ST CENTURY WORKPLACE AND TO PROMOTE ENGINEERING HABITS OF MIND
T. Lavery, C. O’Donnell

THE ISSUES OF CULTURAL HERITAGE CONSERVATION IN POLYCULTURAL EDUCATION
N. Popova, G. Tretyakova, L. Devel

OBSERVATION DRAWING: A PEDAGOGICAL APPROACH CENTERED ON THE ATTITUDES OF THE STUDENT
T. Pais

LEARNING ENGLISH WHILE TEACHING ENGLISH: COLLABORATIVE CONVERSATIONS IN A PEDAGOGICAL GRAMMAR CLASSROOM
W. Whitehead-Martelle

EXPERIENCES OF E-TUTORING AT AFRICA’S LARGEST DISTANCE EDUCATION UNIVERSITY: 2013-2019
C. Makwara

VIRTUAL AND AUGMENTED REALITY AS AN ANTONYMY LEARNING INNOVATION
W. Baptista, C. Morgado, J.A. Costa, J. Azevedo

GUIDELINES FOR THE IMPLEMENTATION OF A DECOLONISED CURRICULUM: A STUDY AT THE FACULTY OF ICT AT THE IIE (CAT)
W.L. Ntshinga

HOW MUCH DOES ‘HOME POSSESSION’ AFFECT EDUCATIONAL ATTAINMENT?
EMPIRICAL EVIDENCES TOWARDS A SIMPLER BI-DIMENSIONAL SOCIO-ECONOMIC STATUS INDEX
C. Cascella

ISSUES PREVENTING ENGLISH TEACHERS IN SAUDI ARABIA FROM USING SOCIAL MEDIA TO SUPPORT ENGLISH TEACHING
S. Alqarni, V. Lally

DOCENDO DISCIMUS TEAM: TECHNOLOGIES AND APPLICATIONS FROM THE FORGOTTEN PIONEER TO FOURTH-GENERATION OF DNA SEQUENCING
R. del Gaudio

ANALYSIS OF THE STUDENTS’ EVALUATION OF A PRACTICE AT THE COLLEGE OF POLYTECHNICS JIHLOVA
M. Kravkova, D. Frendlovska

ASSESSING MEMORY OF CHILDREN USING NEWLY DEVELOPED TABLET-BASED ITEMS IN SOUTH AFRICA
N. Tyilo

WHY DO WE NEED DIGITAL TECHNOLOGIES IN ANATOMY EDUCATION?
T. Şahin, N. Cacus

TEAMWORK TECHNIQUES. TOOLS OF QUALITY TO IMPROVE THE STUDENT LEARNING
C. Morón, D. Ferrández, A. Morón, P. Saiz

SALAMANCA 25 YEARS LATER: A RETROSPECTIVE ANALYSIS OF INCLUSIVE SCHOOLING FOR STUDENTS WITH SPECIAL EDUCATIONAL NEEDS
M. Winzer, K. Mazurek

AN EVALUATION OF BOUNDARY-CROSSING SKILL DEVELOPMENT IN A PROJECT-BASED LEARNING COURSE
T. Ryser, S. Ulbriich, C. Deg, M.P. Ganesh

"THIS SMELLS OF SCIENCE", DISCOVERING THE SCIENTIFIC METHOD BY THE WAY OF THE ESSENTIAL OILS AND AROMATIC PLANTS IN THE CLASSROOM
C. Calderon-Guerrero, A. Drondá, O. Merino
PRACTICAL LEARNING AND PROFESSIONAL DEVELOPMENT OF PRESCHOOL TEACHERS: THE ROLE OF PRACTICUM
D. Lino, R. Friães, C. Parente, F. Vieira, C. Craveiro, B. Silva

USING A DIGITAL SIMULATION TO APPROXIMATE TEACHING PRACTICE IN AN ELEMENTARY MATHEMATICS METHODS COURSE
M. Kwon

INNOVATIVE APPROACHES TO SCIENCE AND MATHEMATICS: TEACHING STEM CONCEPTS WITH BIOMECHANICS
A. Karabon, N. Grandgenett, M. Friend, A. Lanier Knarr, K. Takahashi

MENTAL TRAINING THROUGH STORIES: DOMESTICATING NEGATIVE EMOTIONS
M.C. Dal Pian, L.F. Dal Pian, M. Dal Pian

ON DEMAND: USING VIDEO TO ENHANCE VIRTUAL LEARNING ENVIRONMENTS
A. Domínguez

READING THE GLOBE: USING LITERATURE TO ENGAGE CONTEMPORARY SOCIAL ISSUES
A. Domínguez

LEARNING ETHICS THROUGH ART: PURPOSEFUL INNOVATION TO TACKLE ETHICAL CHALLENGES IN THE FACE OF COMPLEX REALITIES
I. Diez, Y. Matienzo, N. Shabot

IMPORTANCE OF USING E-LEARNING AS A COURSE EVALUATION TOOL WITH LARGE UNDERGRADUATE CLASSES: AN EXPLORATORY STUDY
T. Fennie

PARENT PORTAL: DELIVERING STUDENT PERFORMANCE INFORMATION TO PARENTS ONLINE
C. Walker, M. Perie

AFFIRMATIVE ACTIONS AND NEW CHALLENGES FOR HIGHER EDUCATION AT FEDERAL UNIVERSITY OF RIO DE JANEIRO
F. Di Blasi, F. Dutra, V. M. Rumjane

A STUDY CASE OF THE STAKEHOLDERS’ INCIDENCE IN TWO PUBLIC HIGHER EDUCATION INSTITUTIONS OF ECUADOR
X. Peralta, W. Morquecho, A. Bríozzo

LECTURE VIDEO RECORDINGS: PROS AN CONS. AN INVESTIGATION ON THEIR PERCEPTION AND UTILITY FROM THE POINTS OF VIEW OF BOTH STUDENTS AND TEACHERS
M. Ronchetti, H.K. Hwang

STUDENT’S SATISFACTION: BETWEEN THE TEACHER’S AND STUDENT’S POINT OF VIEW
E. Qurnfulah, S. Baesse, W. Salem

ON THE ASSESSMENT OF STUDENTS’ KNOWLEDGE ABOUT CLOUD COMPUTING
W. Chmielarz, M. Zborowski

CHILDREN’S WORKSHOPS ON AWARENESS OF EARTHEN ARCHITECTURE IN BAASNEERÉ (BURKINA FASO)
C. Mileto, F. Vegas López-Manzanares, L. García-Soriano

MARKETING TALT
D. McCormick

A WEEKLY GAME QUIZZES HELP STUDENTS’ PERFORMANCE IN CHEMISTRY LEARNING
S.S. Ling, A.F. Isakovic

MOVING THE NEEDLE OF LEARNING AND ACADEMIC PROGRESS OF STUDENTS THROUGH MOTIVATION AND SUPPORT: A CASE STUDY OF A CHAIN OF SCHOOLS FROM BANGALORE, INDIA
S. Bose, P. Mathur Velath, S. Shastri

STRATEGIC MODEL OF COLLABORATION BETWEEN UNIVERSITY AND INDUSTRY TO R&D+I OF ASTRONOMICAL AND AEROSPACE INSTRUMENTATION PM4R-RIS3 APPROACH: PROPOSAL BAJA CALIFORNIA-SONORA MÉXICO
E. Lugo-Ibarra, L. Juárez-Lopez, A. Barreras-Verdugo

CHANGING POLITICAL IDEOLOGIES AND ITS IMPACT ON EDUCATION POLICIES: CASE STUDY OF INDIA IN COMPARISON WITH CHINA AND THE US
S. Bose, P. Mathur Velath, S. Shastri

EXPECTATIONS OF THE FATHERS OF CHILDREN WITH PROFOUND INTELLECTUAL DISABILITY FROM THE SYSTEM OF EDUCATION. QUALITATIVE STUDY IN POLAND
D. Aksamit
ADULTHOOD OF PEOPLE WITH PROFOUND INTELLECTUAL DISABILITY IN THE SUBJECTIVE ASSESSMENT OF THEIR MOTHERS - IN THE LIGHT OF EMPIRICAL ANALYSES IN POLAND  
D. Aksamit, K. Krusi-Kubaszewska, A. Giryński

ENGLISH FOR MEDICAL PURPOSES: FROM ERRORS TO ALTERNATIVE PEDAGOGICAL SOLUTIONS  
E. Pavel

FATHER - IN THE PROCESS OF EDUCATION OF A CHILD WITH PROFOUND INTELLECTUAL DISABILITY. REQUIREMENTS - INVOLVEMENT - COPING STRATEGIES  
A. Giryński, D. Aksamit

INQUIRY-BASED, TEACHER-DIRECTED AND ADAPTIVE INSTRUCTION IN SECONDARY SCIENCE: A CROSS-NATIONAL ANALYSIS OF ASSOCIATIONS WITH SCIENCE LITERACY AND INTEREST USING PISA 2015  
A. McConney, A. Woods-McConney

THE DEVELOPMENT OF INTERCULTURAL COMPETENCE OF STUDENTS AT A FOREIGN LANGUAGE LESSON WHEN WORKING WITH DIGITAL ARCHIVES OF THE SECOND WORLD WAR PERIOD (BASED ON THE MATERIAL OF PERIODICALS)  
M. Chernysheva, O. Bernat, M. Raevskaya, N. Shatrovich

THE MOTIVATION AND INVOLVEMENT OF THE STUDENTS THROUGH COMPETITIVE GAMES  
J.L. Rodríguez-Sánchez, A. Montero-Navarro, R. Gallego-Losada

EYE MOVEMENTS IN SOFTWARE MODELLING - WHAT DO THEY TELL US ABOUT HEURISTICS  
F. Hauser, R. Reuter, A. Gegenfurtner, H. Gruber, J. Mottok

SIBLINGS OF ADULTS WITH PROFOUND INTELLECTUAL DISABILITIES. QUALITATIVE STUDY IN POLAND  
A. Giryński, K. Krusi-Kubaszewska, D. Aksamit

PECULIAR FEATURES OF REPRESENTING HISTORICAL FACTS WHEN TEACHING A FOREIGN LANGUAGE (BASED ON THE MATERIAL OF ARTICLES ON THE URALS PUBLISHED IN PERIODICALS OF FRANCE, ITALY AND RUSSIA IN 1941-1945)  
O. Bernat, M. Chernysheva, N. Shatrovich, M. Raevskaya, A. Kozlova

USING EYE TRACKING DATA TO ANALYZE STUDENTS' TASK SOLVING BEHAVIOR IN CLASSROOM CONTEXTS  
S. Schreistetter, F. Hauser, R. Reuter, S. Jahn, J. Mottok

INVESTIGATING STUDENTS' KNOWLEDGE OF WATER ISSUES IN THE CONTEXT OF EDUCATION FOR SUSTAINABLE DEVELOPMENT  
N. Tzaberis

THE PERCEIVED WORK INFLUENCE OF FOREIGN-BORN IN U.S. HIGHER EDUCATION—THE ROLE OF SOCIAL POTENCY, LEADERSHIP POSITION AND DIVERSITY CLIMATE  
R. Pei, J. Ye

CONTENT-INTEGRATED LEARNING – COSMETICS MARKETING AND RAW MATERIALS IN A FOREIGN LANGUAGE  
M.A. Poutanen, A. Hietanen, T. Lehto

PARENTS' OPINION ABOUT CYBER ADDICTION OF THEIR CHILDREN IN PRIMARY SCHOOL AGE  
M. Dishkova, R. Papancheva

A FRAMEWORK FOR SERIOUS GAMES BASED ASSESSMENT: TECHNICAL CHOICES  
H. Akkawi, B. Said, G. El Khayat, L. Cheniti

TEACHER EDUCATION FOR USING STEM PEDAGOGY IN THE DISCIPLINE INFORMATICS AND INFORMATION TECHNOLOGIES  
V. Ancheva, V. Voinohovska

LEARNING ANALYTICS FOR PROGRAMMING EDUCATION: OBSTACLES AND OPPORTUNITIES  
N. Humble, P. Mozeltius

DELPHI TECHNIQUE FOR CURRICULUM DEVELOPMENT  
D. Vankova, J. Videnova
SCIENCE OR ART? THE CREDIBILITY SPECTRUM OF IMAGE MANIPULATION 6172
S. Caldwell, T. Gedeon

IMPORTANCE OF EDUCATIONAL MARKETING AT ALL EDUCATION LEVELS IN THE FIELD OF SECURITY AND SAFETY 6180
K. Hollá, M. Vandličková, E. Sventeková

FLIPPED LEARNING EXPERIENCE IN BUILDING ENGINEERING STUDIES 6188
C. Porras-Amores, D. Caballol-Bartolome, M. Morales-Segura, J. Díaz Guerra-Pérez, F. Magdalena-Laños, J. García-Muñoz

EXPERIENCE OF THE USE OF MOODLE FOR FLIPPED CLASSROOM IN HIGHER EDUCATION 6193
A. Bentabol, A. Esteban, M. Soler, R. Caña

CHALLENGES IN TRANSLATORS’ TRAINING: LINGUISTIC OPERATIONS 6199
L. Venslaviciute, S. Petroniene

DISADVANTAGES OF INTERDISCIPLINARITY IN MATHEMATICS 6205
V. Vaněk, D. Nocar, J. Škrabáňková, P. Kočí

THE LACK OF PSYCHO-SOCIAL SUPPORT SERVICES IN SOUTH AFRICAN PUBLIC TOWNSHIP SCHOOLS AS A BARRIER TO LEARNING: LEARNERS’ PERSPECTIVES 6213
L. Mahwai

SOCIAL DISADVANTAGE AND THE POSSIBILITIES OF OVERCOMING IT PERCEIVED BY BASIC SCHOOL PUPILS IN THE CZECH AND THE SLOVAK REPUBLIC 6220
Z. Svoboda, L. Zilcher

IT’S MATHEMATICS!: A MODELLING DAY TO DEVELOP REAL-WORLD PROBLEM SOLVING 6226
E. Costa Silva, A. Correia, F. De Almeida, S. Monteiro

ADULT MEDIATION AS PART OF THE LEARNING PROCESSES IN CHILDREN WITH LANGUAGE DISORDERS: A CASE STUDY BASED ON PIENSA INFINITO 6232
A. Moreno-Núñez, J. Bernabéu, A. Fraile

DIFFERENCES IN ATTITUDES TO SOLVING TASK BY GIFTED AND STANDARD STUDENTS MONITORED BY THE EYE TRACKING TECHNOLOGY – PILOT STUDY 6237
J. Škrabáňková, P. Kočí, V. Vaněk, D. Nocar

THE PLAY ACTIVITY TECHNOLOGY AS A WAY OF STUDENTS’ MOTIVATION FOR LEARNING 6246
N. Kopylova

UNDERSTANDING THE CONCEPT OF INCLUSIVE EDUCATION AND THE DEGREE OF PROFESSIONAL CERTAINTY AS THE BASIS FOR THE TEACHER'S PRO-INTEGRATION ORIENTATION 6251
Z. Svoboda, L. Zilcher

MEMBERSHIP IN EIT CLIMATE KIC - AN EXAMPLE OF SUCCESSFUL INVOLVEMENT OF GCRI CAS - CZECHGLOBE IN THE HORIZON 2020 PROGRAMME AND THE EUROPEAN RESEARCH AREA (ERA) 6252
M. Sprtová, H. Sprtová

INTERLACING COLLABORATIVE LEARNING, STUDENT AGENCY AND CRITICAL PEACE DISCOURSE IN THE LANGUAGE ACQUISITION CLASSROOM AND BEYOND 6253
K. Johnson, T. Murphy

CAPTURING STUDENT TEACHERS’ TECHNOLOGICAL PEDAGOGICAL AND CONTENT KNOWLEDGE: USING A PEDAGOGICAL TOOL CALLED TECHNOLOGY CONTENT REPRESENTATION AND VIDEO REFLECTION 6254
G. Karlsson

INTERDISCIPLINARY APPROACH IN TEACHING HUMAN BIOLOGY REALIZED WITHIN THE PROJECT “NATURE” 6264
D. Nocar, M. Žitný, V. Vaněk, J. Škrabáňková, P. Kočí

STATE CONTROL OF THE EDUCATION DIGITALIZATION IN RUSSIA AND ABROAD 6270
T. Rezer

WHAT LEARNING PROCEDURE BASED ON GRAPHIC TECHNIQUES IS THE BEST FOR THE DEVELOPMENT OF 3D SKILLS IN ENGINEERING? 6274
L. García-Ruesgas, F. Valderrama-Gual, C. Torrecillas

NEW MOBILE APPLICATION FOR EFFECTIVE PRACTICE OF BASIC NUMERICAL OPERATIONS AT PRIMARY SCHOOL WITH ELEMENTS OF GAMIFICATION AND HISTORY OF EXAMPLES 6279
P. Voborník
ANALYSIS OF THE YOUNG PEOPLE’S WAYS OF PERCEPTION IN THE EDUCATIONAL PROCESS
T. Rezer

STUDENTS’ STRATEGIES DURING SOLVING PHYSICS TASKS DESCRIBED THANK TO THE COMBINATION OF AN EYE-TRACKER AND A PEN-TABLET
P. Koč, J. Škrabinková, V. Vaněk, D. Nocar

MIRROR NEURONS IN LANGUAGE LEARNING
E. Razheva, D. Razheva

CASE STUDY ON PEER ASSESSMENT PERFORMED BY ENGINEERING FIRST YEAR STUDENTS

GAMIFICATION AND QUESTION-DRIVEN LEARNING AIDED WITH IMMEDIATE RESPONSE SYSTEMS. SOME EXPERIENCES FROM CIVIL ENGINEERING STUDENTS
M. García Alberti, A. Moreno Bazán, B. González-Rodrigo, J.C. Mesquera Feijoo

APPLICATION OF ARDUINO FOR THE TEACHING OF MATHEMATICS IN PRIMARY EDUCATION
C. Monerón, E. Yedra, D. Ferrán, P. Saiz

ANALYSING THE STUDENTS PERCEPTION OF VIDEO TUTORIALS AS A COMPLEMENT FOR THE MASTER CLASS
A. Ramírez-Orellana, M.C. Martínez-Victoria, A. Rojo-Ramírez

ADVANTAGES AND LIMITATIONS OF LINEAR CANONICAL CORRELATION ANALYSIS (LCCA)
S. Opić

PROJECT BASED LEARNING FROM THE PERSPECTIVE OF A UNIVERSITY TEACHER – CASE STUDY
M. Czop, J. Kaczmarczyk, B. Latniewska-Piekarczyk

APPLICATION OF INNOVATIVE TEACHING METHODS FOR EDUCATION OF ENVIRONMENTAL ENGINEERING STUDENTS
J. Kaczmarczyk, M. Czop

THE ACCEPTATION OF THE CURRICULUM REFORM AT PRIMARY SCHOOLS BY SLOVAK TEACHERS – SEARCHING FOR MODERATING VARIABLES
L. Simanová, M. Trnka, B. Basarabová

KEEPUPMCIVIL: A GLOBAL ONLINE COURSE FOR FIRST YEAR STUDENTS IN ENGINEERING AND ARCHITECTURE DEGREES

USING TWITTER TO PROMOTE THE TEACHING-LEARNING OF SCIENTIFIC DISCIPLINES

A PRACTICAL AND EFFECTIVE PROGRAMME TO BUILD FOUNDATIONAL READING SKILLS FOR PRIMARY GRADE STRUGGLING LEARNERS IN INDIA
R. Misquitta, A. Ghosh

FORMATIVE ASSESSMENT FOR ACHIEVEMENTS AND PROGRESS OF STUDENTS PUPILS: THE CASE OF LITHUANIAN COMPREHENSIVE GENERAL EDUCATION SCHOOLS
R. Gaucaite, A. Kazlauskiene

RECYCLING OF WASTE: A POWERFUL TOOL AS AN ACTIVE LEARNING METHODOLOGY FOR SCIENCE UNDERGRADUATES
M. Rodríguez Delgado, M. Barceló-Oliver, C. Palomino Cabello, J. Torreus-Serra, M. Miró, C. Cabot, R. Bosch

AUTHORITY THROUGH THE EYES OF TEACHER TRAINEES
I. Brtnova Cepickova, J. Janovec

ANALYSIS OF REFLECTION AND EFFECT OF ACCESS TO TECHNOLOGIES AND THE ACQUIRED DIGITAL SKILLS ON EVERYDAY LIVES OF KINDERGARTEN AGE
R. Papancheva

RE-THINKING PEDAGOGY FOR ONLINE LEARNING - EXPERIENCES OF DEVELOPING TEACHERS’ DESIGN PRACTICE
T. Marstio
TRANSFORMING THE LECTURE: USING TOP HAT FOR ACTIVE KNOWLEDGE CONSTRUCTION – A REFLECTIVE INQUIRY
R. Alokaily

THE RELEVANCE OF REPEATED PUPILS' CREATIVITY TESTING RESULTS
I. Brtnova Cepickova, V. Chytry, J. Janovec

RETHINKING DIGITAL ARTS PEDAGOGY IN HIGHER EDUCATION: ASSESSING THE PROCESS OF CREATION
M. Green

ASSISTIVE VIRTUAL REALITY SYSTEM FOR TRAINING PEOPLE WITH NEUROMOTOR DISABILITIES AND MEDICAL PERSONNEL INVOLVED IN THEIR RECOVERY
I.C. Stanica, M.I. Dascalu, F. Moldoveanu, G.P. Portelli

SOME CONSIDERATIONS ON THE CREATION AND MANAGEMENT OF VIRTUAL COMMUNITIES AS LEARNING CONTEXT PROVIDERS
A.P. Afonso

INTERACTIVE EDUCATIONAL EXPERIENCES: 360° CAMERA
S. Pasqua, A. Moriconi

SUPPORT TO SECONDARY EDUCATION AND DISSEMINATION CAMPAIGN OF ENGINEERING USING A SERVICE LEARNING METHODOLOGY
M. García Alberti, B. Muñoz, S. Blanco, A. Enfedaque

PERFORMANCE ANALYSIS BY REMA OF ELECTRICITY AND MAGNETISM COURSES IN ENGINEERING DEGREES USING FLIP TEACHING METHODOLOGIES

COLLABORATIVE CHALLENGE IN BUILDING ENGINEERING STUDIES: TRANSVERSALITY THROUGH 3D MODELS

EDUCATIONAL CENTRES FOR SLOVAKS LIVING ABROAD: ISSUES AND PERSPECTIVE
A. Douskova, S. Karikova, D. Smalley

EXTREMELY GIFTED STUDENTS AND TEACHING PHILOSOPHY IN SECONDARY SCHOOL
M. Pavlíková, M. Ambrozy

MEANINGS AND STRATEGIES OF CHILD PARTICIPATION IN RESIDENTIAL CARE CENTERS: A THEORETICAL REFLECTION
C.C. Montà, E. Biffi

E-MENTORING IN DISTANCE EDUCATION: CHALLENGES IN THE DEVELOPMENT OF A MODEL
L. Morgado, A.P. Afonso, N. Ferret

POSTER PROJECTS IN TEACHING PHILOSOPHY AT UPPER SECONDARY SCHOOL
M. Pavlíková, M. Ambrozy

DEVELOPING READING LITERACY IN THE SECOND CLASS PUPILS AT PRIMARY SCHOOL
D. Cibáková, M. Fasnerová

CREATION AND ANALYSIS OF PRIMARY SCHOOL PUPILS' EDUCATIONAL TEXT
D. Cibáková

INFLUENCE OF THE EDUCATIONAL ACTIVITIES IN THE PERCEPTION OF CREATIVITY IN ENGINEERING STUDENTS
R. Sancibrian, E. Gonzalez-Sarabia, J.M. Blanco, I. Lombillo, C. Torre-Ferrero

THE ROLE OF SCHOOL LEADER – FORMAL MODEL AND ITS UNDERSTANDING BY TEACHERS PREPARING THEMSELVES TO BECOME SCHOOL HEADS AND EXISTING HEAD TEACHERS
R. Dorczak

WAYS OF UNDERSTANDING THE INNOVATIVENESS IN SCHOOL BY TEACHERS AND HOW IT AFFECTS THE SCHOOL'S INNOVATIVENESS
R. Dorczak

FORMS AND CONTENT OF EDUCATION IN RISK MANAGEMENT AT UNIVERSITIES
K. Buganová, J. Šimíčková

EDUCATION FOR SUSTAINABILITY IN AMAZONIA: CONTEXTUALIZING MICROBIAL DIVERSITY
A.G. Travassos, A. Souza, I. Lopes, J. de Lucena
SYNCHRONOUS AND ASYNCHRONOUS DISCUSSIONS. A WAY TO IMPROVE CREATIVE IDEAS IN ENGINEERING EDUCATION
R. Sancibrian, E. Gonzalez-Sarahia, J.T. San-Jose, J.R. Llata, M. Larrauri

CONTINUOUS ASSESSMENT IN STUDY: OPINION OF THE TEACHERS OF THE CHEMISTRY BACHELOR’S DEGREE OF THE UNIVERSITY OF BARCELONA

CONTINUOUS ASSESSMENT METHOD FROM CHEMISTRY STUDENTS’ POINT OF VIEW

“FOLLOW THE OBJECTS”: AN ACTOR-NETWORK THEORY ACCOUNT OF MATERIALITY IN A NORTH ITALIAN WALDORF SCHOOL PRACTICES
C. Barbanti

INCREASE OF ENVIRONMENTAL SENSITIVITY IN MANUFACTURING ENVIRONMENTS THROUGH TECHNOLOGICAL IMPROVEMENTS: ELIMINATION OF CUTTING FLUIDS IN EDUCATIONAL LABORATORIES
H. González, A. Calleja, O. Pereira, G. Urbikain, A. Rodríguez, L.N. López de Lacalle

TRAINING AND EDUCATIONAL OPPORTUNITIES AT THE AERONAUTICS ADVANCED MANUFACTURING CENTER CF:AA UPV/EHU
A. Calleja, H. González, G. Urbikain, O. Pereira, A. Rodríguez, L.N. López de Lacalle

DEEPENING INTERNATIONALISATION WITHIN HIGHER EDUCATION INSTITUTIONS VIA BUILDING PROFESSIONAL COMMUNITIES AND NETWORKING
L. Hurajová

CHALLENGES ON THE ELABORATION OF EDUCATIONAL KITS FOR THE CONSTRUCTION OF ROLLED STEEL CONNECTIONS USING 3D PRINTING

CAD-CAM TOOLS IN STRUCTURES AND CONSTRUCTION SELF-LEARNING PROCESSES

SELECTED EDUCATIONAL AND THERAPEUTIC METHODS OF WORKING WITH CHILDREN WITH PROFOUNDED INTELLECTUAL DISABILITIES IN POLAND
K. Krus-Kubaszewska

FIFTEEN A DAY: HOW MOBILE MINI-LESSONS CAN GUIDE L2 WRITERS PAST GRAMMARLY AND TOWARD PROFESSIONAL COMPETENCE
E. Thornquist

USING SOCRA TIVE ON A FINANCIAL MANAGEMENT COURSE
S. Baños-Caballero, P.J. García-Teruel, P. Martínez-Solano

EARLY ACADEMIC EXPERIENCES OF RECENTLY INCARCERATED AFRICAN AMERICAN MALES
A. Jeffers

EXPERIMENTAL LEARNING EXPERIENCES ORCHESTRATED BY UNDERGRADUATE COLLEGE STUDENTS TO ACTIVELY ENGAGE MIDDLE SCHOOL STUDENTS IN FOOD WASTE RECYCLING
C. Cabot, R. Bosch, M. Barceló-Oliver, C. Palomino Cabello, J. Torrens-Serra, M. Miró, M. Rodríguez Delgado

SCIENTIF C PRODUCTIVITY AND NETWORK ANALYSIS OF ORGANIZATION AND MANAGEMENT SCHOLARS IN THE SOUTH EAST EUROPE
D. Tipurić, L. Čindrić

ASSOCIATIVE STRATEGIES OF COOPERATIVE WORK
L. Vega, M.A. Ávalos Ramos, G. Merma-Molina, D. Gavilán Martín

CONTINUOUS ASSESSMENT METHODOLOGY: SIMPLY AN EVALUATION TOOL?

“ICPS-NAO”: NURTURING THINKING CHILDREN USING A SOCIAL ROBOT
I. Hameed, M. Mahmoudi

SKILLS IN DEALING WITH EMERGENCIES, CIVIL PROTECTION FOR PEOPLE (CPP): AN EXCHANGE OF GOOD PRACTICES ERASMUS+ PROJECT, STRATEGIC PARTNERSHIP
S. Psarrou, A. Chatziminas, E. Niarchou

FLIPPED LEARNING IMPLEMENTATION THROUGH GOOGLE CLASSROOM AT HIGHER EDUCATION
E. Romero, J.S. Artal-Sevil
EXPERIENCE OF THE TEACHING-LEARNING PROCESS FOR AN INTRODUCTION TO THERMAL REGULATIONS FOR BUILDINGS IN INDUSTRIAL ENGINEERING SUBJECTS  

SOCIABILITY AND ENGAGEMENT IN A MOOC ON SCHOOL LIBRARIES  
G. Bastos, P. Cabral, V. Rocio  

ANALYSIS OF ENTREPRENEURIAL EDUCATORS FOR BOOSTING THE ENTREPRENEURIAL POTENTIAL IN EUROPE  
I. Stankovska, L. Polenakovic, R. Polenakovic, N. Shterjova, T. Velkovski  

PROPOSAL FOR TEACHER COORDINATION FOR COURSES RELATED TO ENERGY SAVING AND ENERGY EFFICIENCY IN BUILDINGS  

STORYTELLING AND POETRY IN LEGAL DESIGN EDUCATION  
J. Linna  

GUIDELINES FOR BUILDING INTRINSICALLY MOTIVATING STUDENT CHATBOT INTERACTIONS FOR CLASSROOM PREPARATION IN A FLIPPED CLASSROOM SETTING  
P. Diwanji, H.F. Witschel, K. Hinkelmann  

THE LEVEL OF READING LITERACY OF PRIMARY SCHOOL STUDENTS AND SECONDARY SCHOOL STUDENTS  
F. Nolimal  

A METHODOLOGY FOR CLOSING THE GAP BETWEEN THE COMPETENCES OF STUDENTS AND RECENT GRADUATES AND LABOUR MARKET NEEDS. THE CASE OF THE REPUBLIC OF NORTH MACEDONIA  
R. Polenakovic, I. Stankovska, A. Penaluna, K. Penaluna, B. Jovanovski  

RESEARCH INTO LONG TERM CARE FACILITIES FOR THE ELDERLY – FURNITURE FOR SENIORS DESIGN IN LEONARDOLAB  
I. Beneš, I. Chuchnowska, K. Jozko  

LEARNING ‘SCIENCE’ IN AN AIR QUALITY MONITORING COMMUNITY?  
K. Ekman  

LENS 60+ - DESIGNING AN APARTMENT FOR AN ELDERLY PERSON USING VR  
I. Beneš, E. Lach, Z. Zalewski  

FEEDBACK EFFECTIVENESS: PROVIDING FEEDBACK TO UNSUCCESSFUL CANDIDATES OF LANGUAGE PROFICIENCY WRITING EXAMS  
K. Kucerova, I. Mrozkova, J. Dooley  

QUALIFICATION EDUCATION OF GENERAL NURSES IN DIABETOLOGY  
P. Kudlova, I. Kočvarová, H. Kadučková  

MAKING LEARNING AND THINKING VISIBLE. AN ANALYSIS ON THE USE OF THINKING ROUTINES  
S. Panzavolta, E. Mosa, C. Laici  

STUDENT SATISFACTION IN HIGHER EDUCATION: FACTORS AFFECTING ENGINEERING STUDENTS’ SATISFACTION  
I. Čavar, L. Bulian, N. Dubreata  

E-LEARNING AS A TOOL FOR IMPROVING THE LEARNING OF "MACHINERY & MANUFACTURING" SUBJECT  
R. Lostado-Lorza, M. Corral-Bobadilla, F. Somovilla-Gómez, J.A. Gómez Cristóbal, J.A. Alba Irurzun  

THE ROLE OF STUDENT INTERNSHIPS AND PRACTICES IN THE DEVELOPMENT OF PRACTICAL SKILLS OF STUDENTS  
M. Landrat, W. Ścierski, K. Pikori, M. Bogacka  

COOPERATION AND ENGAGEMENT TO THE IMPLEMENTATION OF PROJECT TASKS: CASE STUDY IN DIDACTIC  
M. Moczulska, R. Winkler  

ESCAPE ROOMS FOR TEACHING IT-SECURITY  
S. Seebauer, S. Jahn, J. Mottok  

SECURE SOFTWARE ENGINEERING IN ACADEMIC EDUCATION: STUDENTS’ PRECONCEPTIONS OF IT SECURITY  
S. Jahn, C. Gold-Veerkamp, R. Reuter, J. Mottok, J. Abke  

AN APPROACH OF THE CONTINUOUS QUALITY IMPROVEMENT METHODOLOGY APPLIED TO EDUCATION  
HOW TO SUCCESSFULLY COLLABORATE IN AN ONLINE COURSE?  
I. Koni  
STEM STUDENTS’ PERCEPTION OF GENDER MAINSTREAMING IN TEACHING: THE DEVELOPMENT OF A MEASURING TOOL  
M. Alcina, E. Mas de Les Valls, C. Martínez, D. Pino, M. Peña, C. Barahona-Fuentes  
PROPOSED METHODOLOGY TO AVOID LEARNING GAPS AND DUPLICATIONS IN CONTENT OF THE SUBJECTS OF THE MECHANICAL ENGINEERING AREA  
R. Lostado-Lorza, F. Somovilla-Gómez, M. Corral-Bobadilla, J.A. Gómez Cristobal, J.A. Alba Irurzun  
TEACHING AND LEARNING WITH CONCEPT MAPS IN ENGINEERING  
CUTTING-EDGE TECHNOLOGIES RESHAPE EDUCATION  
L. Chernysheva, I. Sokolova, N. Zalomova  
SUPPORTING INDEPENDENT LIFE IN INTELLECTUAL DISABILITIES: HOW TECHNOLOGY MAY HELP  
M. Mastrogiuseppe, E. Bortolotti, R. Gilli, M. Tortul  
THE USE OF ANGLICISMS AND THEIR FUNCTIONING IN THE RUSSIAN LANGUAGE ON THE EXAMPLES OF DIACHRONOUS TRANSLATIONS OF XVIII-XIX CC  
E. Masina, D.A. Tsikitina  
FAKE NEWS AND ITS IMPACT ON UNIVERSITY EDUCATIONAL PROCESS  
S. Denchev, H. Bogova  
TRAINING OF SUPERVISING TEACHERS TO SUPPORT THE PROFESSIONAL GROWTH OF PRESERVICE TEACHERS  
A. Wiegerová, P. Gavora  
CONCEPT MAP APPLIED TO THE FATIGUE STUDY FOR THE SUBJECT MACHINERY AND MANUFACTURE  
F. Somovilla-Gómez, M. Corral-Bobadilla, R. Lostado-Lorza, S. Íñiguez Macedo, E. Jiménez Ruiz  
FACTORS INFLUENCING DEVELOPMENT OF READING LITERACY IN MOTHER TONGUE AND FOREIGN LANGUAGE  
E. Strawowska, Z. Gadusova, A. Ficzere  
ENGAGING PARENTS LIVING IN POVERTY IN SCHOOLING: THE NEED TO RETHINK POVERTY AND REIMAGINE PARENT ENGAGEMENT  
K. Budge, W. Parrett  
DEVELOPING A TRANSNATIONAL ONLINE BLENDED LEARNING MODULE – LESSONS LEARNED FROM THE PILOT PHASE  
S. Hourican, D. Lehwaldt, M. Kelly, P. Doyle, M. Glenn, F. Wiedermann  
THE USE OF ACTIVATING TEACHING METHODS WHICH CONTRIBUTE TO THE DEVELOPMENT OF THE READING LITERACY OF PUPILS AT THE CZECH ELEMENTARY SCHOOLS  
H. Blažková  
TEACHING EXPERIENCE IN THE DEVELOPMENT OF AN ARDUINO BASED WEATHER STATION  
S. Íñiguez Macedo, E. Jiménez Ruiz, M. Corral-Bobadilla, F. Somovilla-Gómez, R. Lostado-Lorza  
INITIAL SUPPORT TEACHERS TRAINING THROUGH MCDRURY & ALTERIO’S STORYTELLING MODEL STORYTELLING METHODOLOGY. A RESEARCH IN THE LABORATORIES OF THE SPECIALIZATION COURSE IN PALERMO  
G. Cappuccio, G. Ferrara  
THE INFLUENCE OF FORMATIVE ASSESSMENT ON THE DEVELOPMENT OF STUDENTS’ SCIENTIFIC SKILLS IN NATURAL SCIENCE TEACHING AT LOWER SECONDARY SCHOOLS  
M. Kireš, M. Ganajová, I. Sotáková  
THE ROLE OF SMARTPHONE APPS IN PROMOTING LEARNING IN HIGHER EDUCATION  
A. Aljaber, V. Lally, K. Lovden  
THE CONTENT OF A TEACHER’S PROFESSIONAL IDENTITY CONCEPTION: THEORETICAL EXPLORATION AND INSIGHTS  
L. Pečuliene, R. Bubnys  
LEARNING ANALYTICS SOFTWARE IMPLEMENTATION FOR THE MOODLE LEARNING MANAGEMENT SYSTEM  
T. Dondorf, C. Pyka, R. Gramlich, H. Sievilm, H. Nacken
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUPILS’ CONCEPTIONS OF PART – WHOLE SUBCONSTRUCT OF FRACTIONS</td>
<td>6965</td>
</tr>
<tr>
<td>G. Pavlovcová, L. Vargová</td>
<td></td>
</tr>
<tr>
<td>TRAINING OF FUTURE CHEMISTRY TEACHERS IN THE INQUIRY BASED TEACHING</td>
<td>6973</td>
</tr>
<tr>
<td>M. Ganajová, I. Sotáková, R. Orosová</td>
<td></td>
</tr>
<tr>
<td>EDUCATING SUSTAINABILITY ORIENTED MANAGERS: AN ANALYSIS OF THE</td>
<td>6983</td>
</tr>
<tr>
<td>ANTECEDENTS OF STUDENTS’ ATTITUDES TOWARDS SUSTAINABLE MANAGEMENT</td>
<td></td>
</tr>
<tr>
<td>R. Antolín López, N. García de Frutos</td>
<td></td>
</tr>
<tr>
<td>AUDITORY PERCEPTION AND PRONUNCIATION OF SPECIFIC SOUNDS OF THE</td>
<td>6989</td>
</tr>
<tr>
<td>KAZAKH LANGUAGE BY PRIMARY SCHOOL STUDENTS WITH HEARING IMPAIRMENT</td>
<td></td>
</tr>
<tr>
<td>A. Chulembajeva, E.M. Kulesza, A.N. Autayeva</td>
<td></td>
</tr>
<tr>
<td>INCLUSION AT THE TIME OF SCHOOL-WORK ALTERNANCE: NEW CHALLENGES</td>
<td>6995</td>
</tr>
<tr>
<td>AND PERSPECTIVES FOR CONNECTION BETWEEN SCHOOL, FORMATION AND WORLD</td>
<td></td>
</tr>
<tr>
<td>OF JOB</td>
<td></td>
</tr>
<tr>
<td>G. Ferrara, S. Collura</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS OF HOW PRE-SERVICE TEACHERS PERCEIVE PRINCIPALSHIP AND</td>
<td>7005</td>
</tr>
<tr>
<td>EDUCATIONAL LEADERSHIP</td>
<td></td>
</tr>
<tr>
<td>M.J. Herránández-Amorós, M.E. Urrea-Solano</td>
<td></td>
</tr>
<tr>
<td>A MODEL FOR ACADEMIC SPINOFFS CREATION</td>
<td>7016</td>
</tr>
<tr>
<td>B. Bigliardi, A.I. Dornio, S. Filippelli, A. Petroni</td>
<td></td>
</tr>
<tr>
<td>THE SKILLS OF THE FUTURE WORK LIFE – RECOGNIZING AND ASSESSING SOFT</td>
<td>7020</td>
</tr>
<tr>
<td>SKILLS IN HIGHER EDUCATION</td>
<td></td>
</tr>
<tr>
<td>C. Tigerstedt, S. Fabricius</td>
<td></td>
</tr>
<tr>
<td>COGNITIVE REHABILITATION FOR THE ELDERLY USING SOCIAL ROBOTS: A BRIEF</td>
<td>7029</td>
</tr>
<tr>
<td>REVIEW</td>
<td></td>
</tr>
<tr>
<td>M. Mahmoudi, I. Hameed</td>
<td></td>
</tr>
<tr>
<td>EXPECTATIONS AND REALITY OF YOUNG SPECIALISTS’ EMPLOYMENT</td>
<td>7035</td>
</tr>
<tr>
<td>E. Andrianova, A. Tarasova</td>
<td></td>
</tr>
<tr>
<td>STRENGTHS AND WEAKNESSES OF MODERN TECHNOLOGIES IN MEDICAL EDUCATION</td>
<td>7043</td>
</tr>
<tr>
<td>L. Akhmedzian, I. Abiatari</td>
<td></td>
</tr>
<tr>
<td>EMPLOYABILITY SKILLS FOR ENGINEERS IN CROATIA – QUESTIONNAIRE</td>
<td>7051</td>
</tr>
<tr>
<td>CONSTRUCTION, VALIDATION, AND DIMENSION REDUCTION</td>
<td></td>
</tr>
<tr>
<td>L. Balian, I. Cavar, N. Dubreta</td>
<td></td>
</tr>
<tr>
<td>TECHNOLOGY TRANSFER AND UNIVERSITIES: A REVIEW OF THE LITERATURE</td>
<td>7061</td>
</tr>
<tr>
<td>B. Bigliardi, A.I. Dornio, S. Filippelli, A. Petroni</td>
<td></td>
</tr>
<tr>
<td>SOME BLENDED-LEARNING PATTERNS FOR NON-ENGLISH MAJOR UNDERGRADUATES</td>
<td>7067</td>
</tr>
<tr>
<td>OF ECONOMICS</td>
<td></td>
</tr>
<tr>
<td>I. Kazieva, G. Petrosyan, L. Zoreeva, K. Zhizheznova</td>
<td></td>
</tr>
<tr>
<td>EDUCATIONAL GAME FOR MOBILE DEVICES BASED ON AUGMENTED REALITY TO</td>
<td>7072</td>
</tr>
<tr>
<td>ASSIST CHILDREN’S LITERACY</td>
<td></td>
</tr>
<tr>
<td>B. Nadoroski, V. Quandt, C. Mendes</td>
<td></td>
</tr>
<tr>
<td>WHEN PRACTITIONERS BECOME TRAINERS: A PEDAGOGICAL FRAMEWORK FOR</td>
<td>7078</td>
</tr>
<tr>
<td>PROFESSIONALIZATION OF EUROPEAN BORDER AND COAST GUARD TRAINERS</td>
<td></td>
</tr>
<tr>
<td>A. Peres, A. Nitu</td>
<td></td>
</tr>
<tr>
<td>ENGINEERING EDUCATION AND EXAMINATION OF ELECTRONIC CIRCUITS USING</td>
<td>7079</td>
</tr>
<tr>
<td>MULTISIM</td>
<td></td>
</tr>
<tr>
<td>S. Lyubomirov, D. Shehova, S. Asenov, V. Raydovska</td>
<td></td>
</tr>
<tr>
<td>USING OF THE NEXTCLOUD TECHNOLOGY IN THE ENGINEER EDUCATION</td>
<td>7087</td>
</tr>
<tr>
<td>S. Asenov, V. Raydovska, S. Lyubomirov, D. Shehova</td>
<td></td>
</tr>
<tr>
<td>STUDENTS’ ATTITUDES TOWARDS TEACHING WITH IMPLEMENTATION OF INQUIRY</td>
<td>7096</td>
</tr>
<tr>
<td>ACTIVITIES</td>
<td></td>
</tr>
<tr>
<td>I. Sotáková, M. Ganajová, M. Babinačková</td>
<td></td>
</tr>
<tr>
<td>INVOLVING STUDENTS IN THE GENERATION OF AUTOMATIC ASSESSMENT TESTS</td>
<td>7105</td>
</tr>
<tr>
<td>S. Baldassarri, C. Sanz, T. Coma, A. Aguayo, P. Alvarez</td>
<td></td>
</tr>
<tr>
<td>EFFECTS OF INTRODUCING A PARAMETRIC CAD IN A FIRST YEAR COURSE IN</td>
<td>7114</td>
</tr>
<tr>
<td>ENGINEERING DEGREE REGARDING QUALITY OF TECHNICAL DRAWINGS</td>
<td></td>
</tr>
<tr>
<td>A. Roda-Sales, N. Jarque-Bou, V. Gracia-Ibáñez, R. Plumed</td>
<td></td>
</tr>
</tbody>
</table>
CONCERNS ABOUT IMPROVING QUALITY IN EDUCATION - IMPLEMENTING LEAN PRINCIPLES IN HIGHER EDUCATION  
I.G. Limbășan  

SURVEY OF THE CITIZENS DIGITAL SKILLS IN THE REGION  
Z. Štoflová, V. Soltes, J. Štoflová  

SOFT SKILLS IN COMPUTER SCIENCE UNDERGRADUATE PROGRAMS: A CASE OF STUDY  
A. Cruz-Martín  

UP-TO-DATE OPINION OF STUDENTS IN THE SUBJECT OF ENGINEERING GRAPHICS  
N. Jarque-Bou, A. Roda-Sales, R. Plunet, V. Gracia-Ibáñez  

ETHICS IN TAXATION ISSUES, IN THE OPINION OF THE STUDENTS OF THE UNIVERSITY OF GDANSK  
J. Kujawski, A. Szadziewska  

INDICATORS FOR PREVENTION, SAFETY AND GUIDANCE TO PARENTS FOR THE SAFE USE OF CHILDREN'S DIGITAL MEDIA  
E. Champaoski, V. Quandt  

DESIGN AND DEVELOPMENT OF SMART GLOVE  
P. Wójcicki  

THE USE OF NATIVE LANGUAGE COMPARED TO THE USE OF ENGLISH IN MALAYSIA – THAILAND SOFTSKILL PROGRAM ACTIVITIES  
I. Suryani, F. Zubir, N. Ghazali, S. Anis Zarith, N. Hakimi  

DIGITAL ENGAGEMENT OF STUDENTS AND TEACHERS IN AN ONLINE UNIVERSITY  
E. Ortoll, J. Cobarsi, A. Canals, L. Connaway  

ASSESSING OF LEARNING AT DISCIPLINE LEVEL – A STUDY CASE  
D. Dumitrescu, L. Simionescu  

HOW TO FOSTER CRITICAL THINKING IN THE MA PROGRAM OF TEACHER TRAINING AND EDUCATION: THE DEBATE AS A TOOL TO RE-THINK EDUCATION  
V. del Prado Ruza, A.J. Pinto  

USING IRREGULAR VERB WHEEL IN THE ESL CLASSROOM: A CASE STUDY  
N. Ghazali, I. Suryani, F. Zubir, H. Hamid, N.A. Rosaidi  

IMPLEMENTATION OF MULTICULTURAL EDUCATION IN SOUTH AFRICA  
S. Matshikiza, S.K. Luggya  

CHILDREN'S WAYS OF KNOWING: THINKING NARRATIVELY WITH THE STORIES OF A CANADIAN KINDERGARTEN TEACHER  
E. Quiles-Fernández  

ENHANCING STUDENTS’ KNOWLEDGE USING INTERACTIVE LECTURES AND VIDEO ANALYSIS  
P. Hockicka, G. Tarjányiová  

“STEM MASTERMINDS” – AN ADVANCED LEVEL INTEGRATED STEM CURRICULUM  
I. France, D. Bertule  

REMEDIAL EDUCATION AT JAPANESE UNIVERSITIES AND ITS CHALLENGE. A NEW CHALLENGE OF REMEDIAL EDUCATION AT THE UNIVERSITY LEVEL IN JAPAN  
Y. Konishi  

A DISCRETE MATHEMATICS COURSE USING GAMIFICATION  
L.L. Quezada Batalla, R.D. Santiago Acosta  

ETHNOMATHEMATICS AS A TEACHING STRATEGY IN INITIAL TEACHER’S TRAINING  
C. Costa  

NEW TECHNOLOGY TRENDS IN TEACHING HUMAN ANATOMY: THREE DIMENSIONAL ANATOMICAL MODELS OF THE ORBIT USING RADIOLOGICAL IMAGES  
B. Framiñán Aparicio, J.A. Juanes Méndez, A. Framiñán de Miguel  

INNOVATING IN EARLY CHILDHOOD EDUCATION THROUGH MAKER-CENTERED LEARNING: TEACHER INSIGHTS AND STRATEGIES  
S.L. Solís, K. Laguzza, C.K.N. Hó, E.P. Clapp  

PUPILS STAGE OF COGNITIVE DEVELOPMENT IN CORRELATION WITH SOLVING ALGEBRAIC TASKS  
M. Slavíčková, M. Vargová
THE OPINION OF PRIMARY AND PRESCHOOL PEDAGOGY SPECIALIZATION STUDENTS ABOUT THE TEACHING APPROACHES RELATED WITH STEM/STEAM/STREAM EDUCATION
I. Zsoldos-Marchis, L. Ciascai

METHODOLOGY OF INTERPRETATION OF EUROPEAN CULTURAL HERITAGE THROUGH ATTRACTIONS IN TOURISM: DEFINING COURSE CONTENTS AND ITS LEARNING RESOURCES FROM A EUROPEAN PARTNERSHIP
A. Moreno Melgarejo, I. Hilliard

VIRTUAL LABS IN EDUCATION
A. Petroni, B. Bigliardi, A.I. Dormio, S. Filippelli, F. Galati

LENGTH OF THE KOCH CURVE AS AN EXAMPLE OF NON-TRIVIAL MATHEMATICAL TASK
M. Slavíčková, M. Vargová

HOW MATHEMATICAL EDUCATION IMPROVES THE CREATIVE THINKING
L. Kontrová, D. Šusteková

AN ANALYSIS OF THE REASONS AFFECTING THE EVOLUTION OF ACADEMIC SPIN-OFF FOUNDERS’ MOTIVATIONS
A. Petroni, F. Galati, B. Bigliardi, S. Filippelli, A.I. Dormio

EASY CONSTRUCTION OF MULTIMEDIA ONLINE LANGUAGE TEXTBOOKS AND LINGUISTICS PAPERS WITH LARA
M. Butterweck, C. Chua, H. Habibi, M. Rayner, G. Zuckermann

THE ATTITUDES OF PRE-SERVICE INFANT TEACHERS TOWARDS THE INCLUSIVE SCHOOL
M.E. Urrea-Solano, M.J. Hernández-Amorós

TRANSACTIONAL DISTANCE THEORY AS A FRAMEWORK FOR A QUALITATIVE EVALUATION OF DISTANCE LEARNER EXPERIENCE
P. Edirisingha

HOW BUSINESS SIMULATION METHODOLOGIES CAN IMPACT ON THE IMPROVEMENT OF STUDENTS’ SKILLS
P. Silva, R. Bertuzzi

IDEATION
P. Lane

MOBILE LEARNING IN HIGHER EDUCATION: MAPPING PERCEPTIONS AND PRACTICES OF ONLINE STUDENTS
G. Bastos, T. Cardoso, A. Quintas-Mendes, L. Amante

POSITIVE EDUCATION: TRANSFERRING POSITIVE LEADERSHIP PRINCIPLES TO THE HIGHER EDUCATION CONTEXT
M. Jiménez Bernal, C. Lajud Desentis, A. Moreno Melgarejo, J. Muñoz Sepúlveda

AN EVIDENCE OF EXPERIENTIAL LEARNING IN THE CLASSROOM THROUGH GEOGRAPHICAL INFORMATION SYSTEMS
L.M. Cerdá Suárez

IMMERSIVE OR DESKTOP VIRTUAL REALITY: WHICH ONE IS BETTER ON LEARNING SCIENCE FOR JUNIOR HIGH SCHOOL STUDENTS IN TAIWAN
H.Y.C. Shyu, Y.H. Chou, H.R. Lin

EMPLOYERS’ SOLUTIONS FOR SKILL PROBLEMS: MAKE-OR-BUY AND ENGAGEMENT WITH HIGHER EDUCATION
E.A. Araújo, F.S. Suleman, P. Videira

FYM-LAB: EXPERIMENTAL LABORATORY OF PHYSICS AND MATHEMATICS WITH 3D IMPRESSIONS
M.L. Quezada Batalla, R.D. Santiago Acosta, A. Hernández Medina, E.M. Hernández Cooper

DISCOVERY TEACHING - A CLASSROOM APPLICATION FOR INTERACTIVE AND AGILE PEDAGOGY
W. Tarimo

E-LEARNING PLATFORM FOR ROBOTIC APPLICATIONS
A.F. Nicolescu, E.L. Stun, C. Pupaza

FORCED COLLABORATION ENVIRONMENTS IN UNIVERSITY TEACHING: A CASE STUDY IN METHODOLOGY DESIGNED IN PARALLELISM TO EXPERIMENTS WITH GREAT APES
J.M. Molina Jordá

LEARNING TO TEACH IN SCHOOLS: TRANSITIONS IN FIELD EXPERIENCES AND IT’S IMPLICATION TO PRE-SERVICE TEACHERS’ LEARNING
D. Tan Chia Chun
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>AN EDUCATIONAL MODEL WITHIN PRISON WALLS: INSIDE-OUT PRISON EXCHANGE PROGRAM</td>
<td>7405</td>
</tr>
<tr>
<td>K. Healey, B. Kucirka, C. Birchall</td>
<td></td>
</tr>
<tr>
<td>TOWARDS A CONTINUOUS IMPROVEMENT: ANALYSIS OF INDICATORS AND RESULTS OF THE DEGREES TAUGHT AT THE HIGHER SCHOOL OF ENGINEERING AND TECHNOLOGY OF THE UNIVERSITY OF LA LAGUNA</td>
<td>7412</td>
</tr>
<tr>
<td>I. Ruizgomez, L. Diaz</td>
<td></td>
</tr>
<tr>
<td>DIDACTIC PROCEDURE AND EQUIPMENT FOR THE STUDY OF LOW VOLTAGE POWER QUALITY PARAMETERS</td>
<td>7419</td>
</tr>
<tr>
<td>C.M. Vinga, F. Pfieffer, H.E. Filipescu, N. Todea, F.M. Frigura-Ilias, M. Iorga</td>
<td></td>
</tr>
<tr>
<td>UNIVERSITY WITHOUT WALLS IN THE THIRD CYCLE PROGRAM: USING ONLINE MANAGEMENT</td>
<td>7426</td>
</tr>
<tr>
<td>L.P. Maiorano, M.T. Parra Santos, J.M. Molina Jordá</td>
<td></td>
</tr>
<tr>
<td>SUPPORT OF EDUCATIONAL INNOVATION PROJECTS TO TEACHING AT THE UNIVERSITY OF LA LAGUNA: AN OVERVIEW</td>
<td>7433</td>
</tr>
<tr>
<td>L. Díaz, I. Ruizgomez</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF VIRTUAL REALITY FOR EDUCATION AT TECHNICAL UNIVERSITY</td>
<td>7437</td>
</tr>
<tr>
<td>K. Stecida</td>
<td></td>
</tr>
<tr>
<td>DETERMINANTS OF THE PSYCHOSOCIAL IDENTITY OF PEOPLE WITH MODERATE INTELLIGENT DISABILITIES</td>
<td>7445</td>
</tr>
<tr>
<td>K. Majewska</td>
<td></td>
</tr>
<tr>
<td>PEER ASSESSMENT IN CHEMISTRY EDUCATION: A CASE STUDY FROM IQS SCHOOL OF ENGINEERING (URL UNIVERSITY)</td>
<td>7453</td>
</tr>
<tr>
<td>M. Monclús, V. Codera, J. Biquena-Polo</td>
<td></td>
</tr>
<tr>
<td>INTEGRATING OF INTELLECTUAL PROPERTY TRAINING IN LIBRARY AND INFORMATION SCIENCE: ULSIT'S FORMAL EDUCATIONAL MODEL</td>
<td>7462</td>
</tr>
<tr>
<td>T. Trencheva</td>
<td></td>
</tr>
<tr>
<td>MEDIA LITERACY AS A KEY COMPETENCY FOR THE SAFE AND EFFECTIVE USE OF MEDIA</td>
<td>7467</td>
</tr>
<tr>
<td>E. Zárvaskova</td>
<td></td>
</tr>
<tr>
<td>USE OF NEURAL NETWORKS IN ASSESSING KNOWLEDGE AND SKILLS OF UNIVERSITY STUDENTS</td>
<td>7474</td>
</tr>
<tr>
<td>E. Hadzhikolev, K. Yotov, M. Trankov, S. Hadzhikoleva</td>
<td></td>
</tr>
<tr>
<td>HOW TO ACHIEVE PROFESSIONAL DEVELOPMENT AMONG TEACHERS COMBINING LOCAL LEARNING NETWORK AND DIGITAL LEARNING RESOURCES</td>
<td>7485</td>
</tr>
<tr>
<td>K. Blichfeldt, E. Hartberg, V. Meland</td>
<td></td>
</tr>
<tr>
<td>INSTRUCTIONAL COACHING IN THE SCIENCE CLASSROOM: A FRAMEWORK TO SUPPORT EFFECTIVE TEACHING PRACTICES ALIGNED TO NEW STANDARDS IN THE UNITED STATES</td>
<td>7494</td>
</tr>
<tr>
<td>J. Craven, C. Donovan, T. Hogan</td>
<td></td>
</tr>
<tr>
<td>ARCHITECTURAL DESIGN, DETAILS, AND DISCREPANCIES: TRANSITIONING FROM DIGITAL INPUTS TO PHYSICAL OUTPUTS</td>
<td>7498</td>
</tr>
<tr>
<td>V. Hui, A. Ghaffoori, J. Ramelson, S. Lee</td>
<td></td>
</tr>
<tr>
<td>IMPACT OF PROBLEM-BASED LEARNING IN THE LECTURING OF MECHATRONIC ENGINEERS AT THE NATIONAL AUTONOMOUS UNIVERSITY OF MEXICO</td>
<td>7506</td>
</tr>
<tr>
<td>U. Penuelas-Ríos, Y. Minami-Koyama, L. Miranda-Corder</td>
<td></td>
</tr>
<tr>
<td>REASSESSING PEER ASSESSMENT IN THE AGE OF GENERATION Z</td>
<td>7514</td>
</tr>
<tr>
<td>V. Hui, S. Lee, K. Sarmiento, M. Koshanova</td>
<td></td>
</tr>
<tr>
<td>STUDENTS’ PERCEPTIONS OF ETHICAL DEVELOPMENT IN BUSINESS EDUCATION PROGRAMS</td>
<td>7521</td>
</tr>
<tr>
<td>THE SWANSEA UNIVERSITY BLENDED LEARNING PILOT</td>
<td>7527</td>
</tr>
<tr>
<td>P. Holland, K. Emnser, S. Cahill, M. Hainske, E. Moriarty, R. Kerton</td>
<td></td>
</tr>
<tr>
<td>WIKI AS A RESOURCE FOR DEVELOPMENT IN MATHEMATICS EDUCATION AND TEACHER EDUCATION</td>
<td>7537</td>
</tr>
<tr>
<td>Ø. Gjøvik</td>
<td></td>
</tr>
<tr>
<td>CONTINGENCY IN ARCHITECTURAL PEDAGOGY</td>
<td>7547</td>
</tr>
<tr>
<td>V. Hui, A. Ghaffoori, F. Tamela, T. Popsicu</td>
<td></td>
</tr>
<tr>
<td>ADVANCED COMPUTER VISUALIZATION IN ARCHITECTURAL HISTORY PEDAGOGY</td>
<td>7555</td>
</tr>
<tr>
<td>V. Hui, T. Estrina, S. Lee, K. Sarmiento</td>
<td></td>
</tr>
</tbody>
</table>
CHESS CAN ENCOURAGE INTEREST IN MS EXCEL AND VICEVERSA
K. Pastor, K. Bárték, D. Nocar

METHODS TO OVERCOME LINGUISTIC ALIENATION BASING ON THE MAORI EXAMPLE
I. Kazakova

COMPUTATIONAL THINKING WITHOUT ALGORITHMIC BIAS
J. Smith

IMPACT OF FLIPPED CLASSROOM ON ENGAGEMENT OF POST-GRADUATE STUDENTS UNDER THE FACULTY OF SOCIAL SCIENCES
K. Kasat, N. Shaikh, M. Chandrachud, J.R. Saini

FOSTERING ACADEMIC LITERACIES THROUGH MULTIMODALITY
H. Gorur Atabas

EARLY STAGE REFLECTIONS ON INNOVATING WITH AN EXPERIENTIAL PROJECT-BASED INTERDISCIPLINARY CURRICULUM (EPIC) FOR UNDERGRADUATES
M. Renken, B. Collins, K. Middlebrook, Z.E. Mawi

PRELIMINARY WEB DESIGN FOR THE MANAGEMENT OF MULTIMEDIA RESOURCES IN THE MULTIDISCIPLINARY TEACHING TEAM OF THE FACULTY OF PHARMACY

PROCESS AND ANALYSIS OF THE MATERIAL BASE AS A PREREQUISITE FOR CHOOSING A HIGHER EDUCATION INSTITUTION
R. Manolova

A METHODOLOGICAL PATTERN FOR CREATION OF E-TESTS AND ITS APPLICATION IN TEACHING PHYSICS
Z. Raykova, M. Atanasova, S. Hadzhikoleva, E. Hadzhikolev

A CROSS CULTURAL LEARNING EXPERIENCE WITH UNIVERSITY INNOVATION FELLOWS
P. Lane, K. Paramo

PROJECT TRAINING OF SPECIALISTS IN THE SPHERE OF PROVIDING SOCIAL SERVICES: ACTUALITY AND MECHANISMS OF SOLUTION
Z. Senak, L. Boronina, M. Samkio

PROJECT-BASED LEARNING AS AN INSTRUCTIONAL TOOL IN TEACHING AD DRAFTING TO STUDENTS MAJORING IN ADVERTISING
E. Malyuga, V. Vetrinskaya, A. Krougllov

TEMPORAL ANALYSIS OF PROJECT TRAINING
L. Boronina, Z. Senak

UNDERSTANDING THE ENVIRONMENTAL IMPACT OF ONLINE STAFF TRAINING
T. Patala

INSTRUCTIONAL TECHNIQUES IN TEACHING WRITTEN BUSINESS COMMUNICATION
V. Vetrinskaya, E. Malyuga, E. Panicheva

A LITERATURE REVIEW OF THE USE OF GAMIFICATION IN ACCOUNTING EDUCATION
C.M. Queiro-Ameijeiras, J. Marti-Parreño, E. Seguí-Más, L. Summerfield

HOW CAN A DIGITAL PLATFORM HELP US UNDERSTAND CHALLENGES OF PRE-SERVICE ELEMENTARY TEACHERS WHEN GENERATING A FIGURAL PATTERN BASED ON AN ALGEBRAIC FORMULA?
I. Kohanová, Ø. Gjøvik

USING GAMIFICATION IN ACCOUNTING CLASSES: STUDENTS’ PERCEPTION OF ENTERTAINMENT AND ATTITUDE
C.M. Queiro-Ameijeiras, J. Marti-Parreño, L. Summerfield

INCLUSIVE EDUCATION FROM THE PERSPECTIVE OF PRE-PRIMARY AND PRIMARY EDUCATION STUDENT TEACHERS
M. Cahanová, M. Trnka

ACTIVE CLASSROOMS ENABLING REGIONAL, NATIONAL AND GLOBAL COLLABORATION
P. Holland, P. Davies, C. Arnold, J. Leon, N. Hilaireau, M. Alves, K. Enns, S. Cahill, M. Hainke
ATTITUDES TOWARDS MONEY, FINANCIAL LITERACY AND ECONOMIC SOCIALIZATION
S. Lemrová, J. Kvintová, I. Plevoň

CONVERGENCE AND INTEGRATION BETWEEN DISCIPLINARY KNOWLEDGE AND TRANSVERSAL SKILLS IN THE FASHION AREA: EXPERIMENTING NEW INTERDISCIPLINARY EDUCATIONAL MODULES
V.M. Iannilli, V. Linfante, A. Spagnoli

ADVANCED HUMAN-ROBOT INTERACTION FOR LEARNING WITH ROBOTIC PROCESS AUTOMATION
G. Lasso-Rodríguez, R. Gil-Herrera

DESIGN OF A VIRTUAL TOOL FOR ESTIMATING VOCABULARY ACQUISITION THROUGH READING
U. Ovienmhada, N. Lao, J. Van Brummelen

THE GREEN DENTISTRY COLLABORATIVE ONLINE INTERNATIONAL LEARNING PROJECT: AN AUTO-ETHNOGRAPHIC ACCOUNT OF THE LESSONS LEARNED FROM DEVELOPING A LEARNER-CENTRED PEDAGOGICAL PRACTICE
A. Vahed, K. Rodriguez, F. de Souza

GAMIFICATION MODELS AND TOOLS ACCORDING TO PROFILES: AN EXPERIENCE IN ENGINEERING DEGREES
C. Alcaraz, R. Roman, E. Abdo-Sánchez, R. Halir, A. Hernández-Escobar, J. Toulouh

DESIGN AND MANUFACTURING WORKSHOP USING THE DESIGN THINKING METHODOLOGY
M. García-Broch, J. Gual Ortiz

DIAGNOSTIC TOOL AND ONLINE RESOURCE PROVIDING MATHEMATICS SUPPORT FOR NON-SPECIALISTS
K. Henderson, R. Gwynllyw, E. Walsh, O. Haslam, P. O’Flynn, D. Elvidge, K. Golden

CORPORATE SOCIAL RESPONSIBILITY EDUCATION
T. Sigmund, P. Sládek

PARSONS PROBLEMS: A LITERATURE REVIEW
J. Smith

MANIFESTATION OF THE PRESCHOOL EDUCATION PEDAGOGUES’ INDEPENDENT LEARNING PROCESS SEEKING PROFESSIONAL DEVELOPMENT: THE CASE OF LITHUANIA
A. Kazlauskiene, R. Gaucaite

LANGUAGE LEARNING FOR SOCIAL INCLUSION: CREATING A COLLABORATIVE NETWORK TO SUPPORT THE TEACHING OF SPANISH TO ADULT MIGRANTS
S. Albero-Posac, M.A. Velilla-Sánchez

‘INVISIBLE PHYSIOLOGY’: TOWARDS THE DEVELOPMENT OF AUDIOVISUAL RESOURCES FOR IMPROVING TEACHING-LEARNING METHODOLOGIES IN HUMAN PHYSIOLOGY AND HEALTH SCIENCE COURSES
C. Romá-Mateo, C.J. Calvo, G. Olaso-González

LEARNING BASED ON CHALLENGES IN THE CONTEXT OF MULTIDISCIPLINARY TEAMWORK IN EHEALTH. AN EVALUATION OF THE STUDENTS’ EXPERIENCE
A. Graells-Sans, N. Castell-Arrio, E. Insa-Calderón

LEARNING FROM MISTAKES. PATIENT CENTRIC DESIGN EDUCATION EXPERIENCE
V.M. Iannilli, A.V. Penati, C.E. Standoli

LIGHTBOARD VIDEO RECORDING SUITE: FROM CREATING TO DELIVERING A HIGH-QUALITY VIDEO FACILITY FOR BLENDED LEARNING
K. Ennser, R. Cobley, G. Evans, L. Gibbons

AN EXPERIENCE IN USING ICT TOOLS FOR TRAINING EVALUATION IN ADULT EDUCATION
N. Catenazzi, L. Sommaruga, K. De Angelis

CITIZEN CULTURE MEETS ENERGY EFFICIENCY: A MEXICAN STUDY CASE
D. Silva, F. Ortiz-Rodríguez

LEARNERS’ DICTIONARIES AS A MEANS OF TEACHING PRIMARY SCHOOLERS TO READ IN A FOREIGN LANGUAGE
E. Popova

SPECIFYING SCHOOL LEADERSHIP PRACTICE DIMENSIONS TO DEVELOP SCHOOL LEADERSHIP COMPETENCE FRAMEWORK FOR LATVIA
I. Salentece, D. Namsone
ASSISTED HOUSING IN THE OPINION OF ADULTS WITH INTELLECTUAL DISABILITIES. QUALITATIVE STUDY IN POLAND  
K. Majewska  
7842

A BULGARIAN PLATFORM FOR A BLENDED LEARNING FROM A TEACHER’S VIEW - CHALLENGE OR POSSIBILITY  
N. Tihomirova, D. Atanasova  
7852

VEGETARIAN VAMPIRES: WHY THE CALL TECHNOLOGY PROVIDER DOESN’T HAVE TO SUCK THE TEACHER’S BLOOD  
C. Chua, M. Rayner  
7860

HOW TO PROMOTE THE CHANGE IN THE AREA OF GENDER EQUALITY IN ACADEMIA AND RESEARCH – BULGARIAN CASE  
R. Doneva, S. Gaftandzhieva, E. Somova, N. Mileva  
7870

INTRODUCING “MAKERS” MOVEMENT IN A FORMAL CHEMISTRY CLASS  
N. Papadimitriopoulos, K. Dalakosta, E. Pavlatou  
7881

ICT IN PRESCHOOL EDUCATION  
M. Goga, R. Nistor  
7887

ANALYSIS AND EVALUATION OF EXPERIENCES IN TECHNOLOGY TRANSFER AND KNOWLEDGE OF HIGHER EDUCATION INSTITUTIONS IN MEXICO  
P. Isiordia-Lachica, R. Rodríguez-Carrasal, A. Mireles-Arriaga, J. Hernández-Ruiz  
7894

INCREASING PUPILS’ PERFORMANCE AT GEOGRAPHY DISCIPLINE THROUGH THE USE OF INTERACTIVE TEACHING AND LEARNING METHODS IN SECONDARY SCHOOLS  
S. Turcu, M. Fortu, M. Goga  
7902

PSYCHOLOGICAL AND SOCIO-DEMOGRAPHIC FACTORS ASSOCIATED WITH UNIVERSITY ACADEMIC PERFORMANCE IN A DEVELOPING COUNTRY  
M. Pienaar, A. Padmanabhanunni, M. Smith  
7908

EMI AT UNIVERSITY: THE NEED FOR TEACHING STRATEGIES  
E. Menor, M. Torres, M. De Vicente, P. Castro, P. Campoy, E. Pérez, O. Nekhay  
7917

COURSEBOOKS IN THE DIGITAL AGE: DESIGNING A DIGITAL INTERACTIVE ESP COURSEBOOK TO IMPROVE LEARNING OUTCOMES OF HIGHER EDUCATION STUDENTS  
P. Laktišová, J. Bolečková  
7926

ACTIVE LEARNING IN HIGHER EDUCATION: THE APPLICATION OF GAME BASED LEARNING AND PROBLEM BASED LEARNING IN A SUBJECT  
A. Elášri, M. Bernardo  
7932

ENHANCING DIGITAL COMPETENCES IN HIGHER EDUCATION  
P. Matković, M. Maric, L. Raković, M. Šakal  
7939

BERKLEE COLLEGE OF MUSIC HEALTH CARE PARTNERS; THE DEVELOPMENT OF A HEALTH TEAM TO BETTER SUPPORT INTERNATIONAL STUDENTS IN VALENCIA  
C. Barberá, M. Zarza, M. Tommasi  
7945

THE MOTIVATION AND LEARNING BY MAKING  
P. Voborník  
7953

IMPLEMENTATION OF BLOCKCHAIN TECHNOLOGY TO IMPROVE EDUCATION  
G. Novaková, E. Shoikova, A. Peshev, B. Jekov  
7959

ETHICS IN THE PROFESSION OF AN ACCOUNTING SPECIALIST, IN THE OPINION OF THE STUDENTS OF MANAGEMENT OF THE UNIVERSITY OF GDANSK - RESULTS OF THE SECOND STAGE OF THE RESEARCH  
A. Szadziewska, J. Kujański  
7968

MALE TEACHERS IN A “FEMINISED PROFESSION”: THE CASE OF LITHUANIA  
I. Stonkuniene, D. Dumčius  
7980

(IN)EQUALITY IN PATIENTS’ ASSESSMENT OF DOCTORS’ PROFESSIONALISM DEPENDING ON THE SPECIALIST’S SEX  
B. Freund  
7987

USABILITY OF THE UNIFORM ANTI-PLAGIARISM SYSTEM USED AT HIGHER EDUCATION INSTITUTIONS IN POLAND – ANALYSIS OF ANTI-PLAGIARISM REPORTS AT THE FACULTY OF MANAGEMENT OF THE UNIVERSITY OF GDANSK  
A. Szadziewska, E. Spigarska  
7994

COMPETENCE-BASED EDUCATION BY ADVANCED TECHNOLOGIES  
E. Shoikova, G.N. Nedeltcheva, R. Nikolov  
8004
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE SYSTEM OF PEDAGOGICAL SUPPORT FOR DEAF-BLIND CHILDREN IN RUSSIAN FEDERATION</td>
<td>8139</td>
</tr>
<tr>
<td>G. Petrosyan, I. Kazieva, O. Beletskaya, T. Kachalina</td>
<td></td>
</tr>
<tr>
<td>SOFTWARE TOOL FOR AUTOMATED DESIGN OF 3D CAD MODELS FOR MECHANICAL ENGINEERING EDUCATION</td>
<td>8144</td>
</tr>
<tr>
<td>H. Georgiev, I. Peeva, A. Ivanov</td>
<td></td>
</tr>
<tr>
<td>STEMSS STRATEGIES PROFESSIONAL DEVELOPMENT TO SUPPORT ACADEMIC LANGUAGE DEVELOPMENT</td>
<td>8151</td>
</tr>
<tr>
<td>K. Guerrero, M. Jimenez-Silva</td>
<td></td>
</tr>
<tr>
<td>THE PERFORMANCE OF A LIVE CASE PROJECT USED AS A METHOD OF ASSESSMENT IN ECONOMICS</td>
<td>8159</td>
</tr>
<tr>
<td>N. Lenihan</td>
<td></td>
</tr>
<tr>
<td>ASSESSING QUALITY OF AN UNDERGRADUATE ENGINEERING PROGRAM: HOW TO MEET THE ACCREDITATION REQUIREMENT OF CONTINUOUS IMPROVEMENT?</td>
<td>8160</td>
</tr>
<tr>
<td>J. Supernak</td>
<td></td>
</tr>
<tr>
<td>FEATURES OF THE STUDY OF THE MODERN RELIGIOUS SITUATION IN THE WORLD IN A MULTI-CONFESSIONAL STUDENT ENVIRONMENT</td>
<td>8167</td>
</tr>
<tr>
<td>E. Kriazheva-Kartseva</td>
<td></td>
</tr>
<tr>
<td>THE REAL CLASSROOM LAB: A METHOD FOR BUILDING DIGITAL COMPETENCE WITH SCHOOLS AS TEST BEDS FOR INNOVATIVE TECHNOLOGIES</td>
<td>8174</td>
</tr>
<tr>
<td>B. Sjödén</td>
<td></td>
</tr>
<tr>
<td>HOW TO PREPARE STUDENT TEACHERS FOR INCLUSIVE EDUCATION</td>
<td>8184</td>
</tr>
<tr>
<td>M. Cabaňov</td>
<td></td>
</tr>
<tr>
<td>SKILL NEEDS OF PHYSICAL SECURITY LABOR MARKET IN SLOVAKIA</td>
<td>8189</td>
</tr>
<tr>
<td>A. Veľás, F. Lenko, M. Boroš, N. Molovčáková</td>
<td></td>
</tr>
<tr>
<td>INTERNATIONAL COOPERATION TO TRANSFORM THE STUDY COURSE &quot;MATHEMATICS FOR ECONOMISTS&quot; FOR BUILDING OF THE COMPETENCES NECESSARY FOR SUSTAINABLE DEVELOPMENT</td>
<td>8195</td>
</tr>
<tr>
<td>A. Vintere</td>
<td></td>
</tr>
<tr>
<td>MASLOW REVISITED, THE THEORY OF NEEDS AND ITS RELEVANCE TO POSITIVE CLASSROOM CLIMATE: WHAT RESEARCH REVEALS ABOUT SAFETY AND BELONGINGNESS IN RESTORATIVE PRACTICES</td>
<td>8196</td>
</tr>
<tr>
<td>H. Hamza</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF KINDERGARTEN IN THE EDUCATION OF TWO-YEAR-OLD CHILDREN IN THE CZECHE REPUBLIC</td>
<td>8197</td>
</tr>
<tr>
<td>J. Petrová</td>
<td></td>
</tr>
<tr>
<td>INTERNATIONAL RESEARCH PROJECTS: CONTRIBUTIONS FOR EXPERIENTIAL LEARNING</td>
<td>8204</td>
</tr>
<tr>
<td>P. Silva, A. Mesquita</td>
<td></td>
</tr>
<tr>
<td>INTERSECTION OF TECHNOLOGY AND SECOND LANGUAGE ACQUISITION</td>
<td>8213</td>
</tr>
<tr>
<td>A. Dadykin, I. Tahiri</td>
<td></td>
</tr>
<tr>
<td>LARA PORTAL: A TOOL FOR TEACHERS TO DEVELOP INTERACTIVE TEXT CONTENT, AN ENVIRONMENT FOR STUDENTS TO IMPROVE READING SKILL</td>
<td>8221</td>
</tr>
<tr>
<td>H. Habibi</td>
<td></td>
</tr>
<tr>
<td>CZECH MATHEMATICS TEACHERS AND THEIR PUPILS ON THE THRESHOLD OF CHANGES IN MATHEMATICS EDUCATION WITH AN EMPHASIS ON THE DEVELOPMENT OF DIGITAL LITERACY</td>
<td>8230</td>
</tr>
<tr>
<td>K. Bárték, M. Klement, K. Pastor</td>
<td></td>
</tr>
<tr>
<td>INSIDE AND OUTSIDE THE PERIODIC TABLE OF ELEMENTS WITH VIRTUAL REALITY</td>
<td>8235</td>
</tr>
<tr>
<td>A. Baptista, J. Azevedo, J. Miranda da Mota, L. Alípio, G. Maia</td>
<td></td>
</tr>
<tr>
<td>ONLINE TUTORING: A TUTOR'S REFLECTIONS</td>
<td>8241</td>
</tr>
<tr>
<td>A. Nsamba</td>
<td></td>
</tr>
<tr>
<td>STAND TO STOP: A CONTENT ANALYSIS OF YOUTUBE VIDEOS ABOUT CYBERBULLYING IN SCHOOLS AND LIBRARY-BASED INTERVENTIONS</td>
<td>8246</td>
</tr>
<tr>
<td>L.M. Huang</td>
<td></td>
</tr>
<tr>
<td>ROMA CHILDREN AT LITHUANIAN SCHOOL: IN SEARCH OF IDENTITY</td>
<td>8256</td>
</tr>
<tr>
<td>I. Stonkuviene, I. Žemaitėlyte-Ivanovčė</td>
<td></td>
</tr>
<tr>
<td>IMPROVING STUDENT RETENTION IN PROFESSIONAL STUDIO BASED CURRICULA: THE ROLE OF A FIRST YEAR SEMINAR</td>
<td>8265</td>
</tr>
<tr>
<td>J. Walker</td>
<td></td>
</tr>
</tbody>
</table>
USER STORIES AS A PEER REVIEW STRATEGY IN A MOOC
S. Gomez-Jaramillo, J. Moreno-Cadavid, C.M. Zapata-Jaramillo

DEVELOPING COMMON LANGUAGE: A GROUNDED THEORY APPROACH FOR CAREER PATHWAYS AT EDMONTON PUBLIC SCHOOLS (KINDERGARTEN TO GRADE 12 AND BEYOND)
S. Jones, M. Crawford, A. Lau, O. Livermore, A. Mardhani-Bayne

CONCEPTIONS AND MISCONCEPTIONS OF THE CONCEPT OF BIOMASS IN PRIMARY AND LOWER SECONDARY SCHOOL CHILDREN
V. Pavlátková, L. Minaříková

TECHNOLOGY ENHANCED LANGUAGE LEARNING: TRENDS AND ISSUES
K. Tkachenok, S. Tumskiy

INFORMATION SOFTWARE SYSTEM WITH FUNCTIONALITY FOR USERS WITH A VISUAL DEFICIT
G. Georgieva-Tsaneva

CONVERSATIONAL CHATBOT SYSTEM FOR STUDENT SUPPORT IN ADMINISTRATIVE EXAM INFORMATION
H. Abu Rasheed, J. Zenkert, C. Weber, M. Fathi

EDUCATING PROFESSIONALS: THE ROLE OF REGULATORY STANDARDS IN PROGRAMME DEVELOPMENT
G. Kirwan, J. Byrne

DESCRIPTION OF A PILOT TEST TO DEVELOP A DIGITAL TOOL FOR THE MANAGEMENT OF CHALLENGES FOR UNIVERSITY STUDENTS
M.B. Peña-Lang, M. Saiz Santos, F.J. Fernández-Curtiella, Z. Aginako Arri

THE IMPACT OF MOBILE LEARNING ON TEACHING ENGLISH
S. Tumskiy, K. Tkachenok

SOFTWARE SYSTEM FOR THE PROCESSING OF PHYSIOLOGICAL DATA TO IMPROVE THE QUALITY OF TRAINING OF STUDENTS
G. Georgieva-Tsaneva, K. Cheshmedzhiev

CULTURAL COMPETENCE IN THE MENTORING, RECRUITMENT AND RETENTION OF BLACK TEACHERS IN THE UK
O. Eguara

THE TEACHING OF SCIENCE IN THE CHILDHOOD STAGE: DIFFICULTIES, CHALLENGES AND NEW METHODOLOGICAL PROPOSALS
A. Garzón, N. Díaz-Moreno

A PUPIL PERSPECTIVE ON THE IMPACT OF A MOBILE PHONE BAN IN A SECONDARY SCHOOL
A. Grigic Magnusson

LIBRARIES AND MYSTIFICATIONS: A NEW BIBLIOGRAPHICAL APPROACH TO THE FIRST PRINTED BOOK IN BULGARIAN
P. Mukanova

READING AROUND REALITY - REVIVING READING BY MEANS OF VIRTUAL AND AUGMENTED REALITY
A.M. Oanca, I.C. Stanica, I.V. Nemoianu, M.I. Dascalu

NATIVE ENGLISH SPEAKING TEACHERS IN SOUTH KOREA: WHEN WILL THEY BE CONSIDERED LEGITIMATE EDUCATORS?
J. Kim

E-LEARNING IN THE PRE-SERVICE CHEMISTRY TEACHERS’ EDUCATION
M. Feszterová, L. Fránková

ENVIRONMENTAL EDUCATION AND MATHEMATICS TO RAISING AWARENESS IN THE YOUNG POPULATION ABOUT THE USE OF PLASTIC
A. Garzón, M. Montes, B. Cara

TEACHING EACH SEMESTER 12 CLASSES WITH 7 LECTURES IN A CASE STUDY AND FLIPPED CLASSROOM SETTING
A. Dannecker

INTONATION IN ORAL SPEECH OF KAZAKH-SPEAKING HEARING IMPAIRED PUPILS OF THE 4TH GRADE
A. Chulembayeva, A.N. Autayeva, E.M. Kulesza

TEACHING TECHNICAL POLYSEMOUS WORDS: STRATEGIES AND DIFFICULTIES
C. Vâlcea

QUASI-ARITHMETIC SCORING AND GROUP PROJECT MARKING
P. Vossen, S. Ajit, A. Dean
CHALLENGES IN EDUCATING MUSEUM PROFESSIONALS FOR THE 21ST CENTURY.
THE MU.SA - MUSEUM SECTOR ALLIANCE PROJECT
P. Homem, M. Pinto

THE POST-TRAUMATIC GROWTH EXPERIENCE: DEVELOPING A CURRICULUM OF
TRAUMA BASED WORKSHOPS FOR INMATES
N. Weaver, K. Healey, C. Birchall, A. Stipa, S. Tarver, J. Thompson, B. Burgos-Emmolo

MOTIVATION AS A COMPETENCE
G. Arduini, D. Chiusaroli

NAVIGATING THE NEW DEGREE APPRENTICESHIPS: A FACILITATOR’S
PERSPECTIVE
P. Cowley, M. France, I. Chapman, D. Hyams-Ssekasi, K. Beswick

QUESTIONING AS A COGNITIVE INSTRUMENT AND A LANGUAGE ISSUE IN
CONTENT AND LANGUAGE INTEGRATED LEARNING
E. Vdovina, N. Popova, M. Kogan

SCIENTIFIC DISSEMINATION THROUGH SOCIAL NETWORKS AND WEB 2.0. A
UTOPIA?
S. Vasconez Miranda, F. Velez Cabrera, J. Samaniego Villaroel, M. Villamar Irrazabal

INTERDISCIPLINARY EDUCATIONAL MODULES TO SUPPORT DIGITAL
ENTREPRENEURSHIP UPSKILLING IN CULTURAL AND CREATIVE INDUSTRY
A. Taverna, P. Bertola, M. Mortatti

INTERNSHIP PROGRAMMES IN ARCHITECTURE. TOWARDS A NEW MODEL OF
RELATIONSHIP BETWEEN UNIVERSITY AND BUSINESS COMMUNITY
D. Navas-Carrillo, C. Mosquera-Pérez, J. Navarro de Pablos, M.T. Perez-Cano

DYNAMICS OF THE SCALE OF COMMUNICATION COMPETENCES IN SOCIAL MEDIA
IN THE COURSE OF PROJECT LEARNING
K. Gurba

FACEBOOK AS A VIRTUAL CLASSROOM. IS IT POSSIBLE TO INTEGRATE AN
EVALUATION SYSTEM IN IT?

DISCOURSE COMPETENCE IN MULTICULTURAL PERSPECTIVES
S. Sheypak

THE USE OF BUSINESS SIMULATION GAMES IN HIGHER EDUCATION: LEARNING
EXPERIENCE AND PERFORMANCE

CHARACTERISTICS OF INTERACTIVE MULTIMEDIA TEXTBOOKS: CASE STUDIES OF
CROATIAN TEXTBOOKS
D. Plantak Vukovac, G. Hajdin, M. Nuli

THE CONQUEROR: AN EDUCATIONAL GAME BASED ON TANGIBLE INTERACTION
C. Sanz, M. Cruz, M. Nordio, V. Artola, S. Baldassarri

PETER PAN AND THE LITERARY EDUCATION FOR TEACHERS IN TRAINING
J.V. García-Raffi, E. Saneleuterio

HOW OPEN SOURCE CAN EXPAND TEACHER’S HORIZONS
H. Grezó, F. Petrović

ON THE INTEGRATION OF GENDER DIMENSION IN STEM DEGREES: REFLECTIONS
AND ANALYSIS, STATISTICS ACTIVITIES
M. Alsina

COLLABORATIVE WRITING AND ASSESSMENT IN LINGUISTIC AND TEACHER
TRAINING
E. Saneleuterio, M.B. Gómez-Devis

REFLECTIONS ON THE EDUCATIONAL TRANSITION OF CHINESE MANAGEMENT
STUDENTS: A SUMMARY OF OBSERVATIONS AND INSIGHTS FROM BOTH
STUDENTS AND STAFF
P. Cowley, S. Sun, M. Smith, D. Hyams-Ssekasi

“YES, I KNOW WHAT TO DO!”- AN EXPLORATORY STUDY USING SELF-REGULATED
SELF-DEVELOPMENT (SRSD) AND TECHNOLOGY IN THE CONTEXT OF THE
CLASSROOM
C. Araújo, A. Osório, A.P. Martins, M. Miranda-Pinto, A.F. Monteiro

WHAT ARE WE EDUCATING TOWARDS? SALES ASSISTANTS’ WORK IN
DIGITALISED BRICKS AND MORTAR STORES
C. Arkenback
SUSTAINING THE DIGITAL TRANSFORMATION: AN EXPLORATORY APPROACH TO PRIORITIZE COMPETENCIES FOR THE FUTURE OF WORK

REVIEWING LEARNING ENVIRONMENTS: EFFECT OF FLIPPED CLASSROOM ON LEARNING LEVELS OF MATHEMATICS IN PRIMARY SCHOOLS
M. Panahi, F. Jafarkhani, Z. Jame Bozorg, L. Nikkho

ONLINE TUTORING - TEACHER'S EXPERIENCE IN THE FIELD OF ARCHITECTURE
B. Urbanowicz

THE FEEDBACK FROM STUDENTS OF TWO DIFFERENT COURSES ABOUT A TUTORING PROGRAM IN HIGHER EDUCATION
P. Catarino, A.P. Aires

ARGUMENTUS - AN EDUCATIONAL GAME FOR WRITING USING SELF-REGULATED STRATEGY DEVELOPMENT (SRSD)
C. Araújo, L. Pereira, A. Osório, L. Ferreira, A.P. Martins, M. Miranda-Pinto, A.F. Monteiro

DIGITAL INCLUSION OF ELDERLY: ANALYSIS OF SOCIAL INTERACTIONS
D. Sampato, L. Rocha Machado, B. Slodkowski, G. Silva, T. Grande, P. Behar, M.T. Longhi

A MOBILE APPLICATION FOR ORIENTEERING EVENTS IN PHYSICAL EDUCATION SUBJECTS
J. Metrolho, F. Ribeiro, E. Fonseca, L. Machãs, A. Dias

DEVELOPING NARRATIVE TOOLS FOR EARLY CHILDHOOD LEARNING TRANSITIONS
L. Gjedde

NEW PROFILE OF THE UNIVERSITY STUDENT AND HIS/HER THINKING STRATEGIES: EVIDENCE FROM CHILE
C. Araneda, M. Aravena, T. Cortes, M. El Homrani

MULTIMEDIA TECHNOLOGIES AS STRATEGY FOR ENHANCING LEARNING FOR STUDENTS WITH INTELLECTUAL DISABILITIES
T. Rocha, R. Nunes, M. Bessa, H. Paredes, J. Barroso, P. Martins

TESTING THE LEARNING OF CHILDREN AND THE USABILITY OF A DIGITAL GAME PROTOTYPE: KNOWING A MONUMENT OF A CITY
P. Faria, I. Araújo

LAMP&D: A DESIGN DRIVEN PROCESS FOR A COLLABORATIVE AND PLAYFUL LEARNING EXPERIMENT IN THE MIDDLE SCHOOL
B. Di Prete, A. Rebaglio, D. Crippa, E. Lonardo

FUNCTIONALITY OF THE MOWIK SPEECH GENERATING DEVICE AS A TOOL SUPPORTING THE COMMUNICATION OF CHILDREN WITH AUTISM
E. Mlynarczyk-Karabin

PEDAGOGICAL PROPOSAL WITH UBIQUITOUS LEARNING FOR AN ADMISSION COURSE OF CAREERS COMPUTER
E. Durán, M. Alvarez, S. Únzaa, S. Montoto

PARTICIPATORY WORKSHOP AS A METHOD OF ACQUIRING NEW SKILLS BY STUDENTS OF THE ARCHITECTURE
B. Urbanowicz

STUDENTS’ ATTITUDE TO GAMIFICATION OF EDUCATION DEPENDING ON THEIR PRIOR EXPERIENCE
A. Miluniec, J. Swacha

USE OF AN E-PORTFOLIO TO INCREASE ACADEMIC SELF-REGULATION IN AN UNDERGRADUATE ACADEMIC RESEARCH COURSE AT A PRIVATE UNIVERSITY IN PERÚ
D. Corta

MOBILE TECHNOLOGY IN ETHICS LEARNING UNIT
C. Dörfer, M.M. Madrigal Lozano, A.E. Merla González

PROJECT-BASED LEARNING AS AN INNOVATIVE PEDAGOGICAL PROPOSAL FOR THE STUDY OF COMPUTER SCIENCE SIMULATION
E. Durán, N. Salazar, M. Acuña Ninich

FACILITATING THE AUTOMATED ASSESSMENT OF ENGINEERING COURSES
A. Beg, M. Alhemeiri, A. Beg

FROM THE TEACHING EXPERIENCE OF FRENCH AS A SECOND LANGUAGE ON THE NON-LANGUAGE FACULTIES (ENGLISH – FRENCH)
I. Meshkova, O. Sheremetieva, L. Spyru
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>THE CHALLENGING QUEST FOR TALENT RETENTION IN MEDIUM DENSITY URBAN TERRITORIES: WHAT EXPLAINS THE ATTRACTIVENESS OF A REGION FOR YOUNG GRADUATES?</td>
<td>8694</td>
</tr>
<tr>
<td>A. Souza, L. Baptista, M. Sarmento, M. Ferreira Dias, M. Amorim</td>
<td></td>
</tr>
<tr>
<td>CRITICAL THINKING AND PROBLEM-SOLVING: FROM HIGHER EDUCATION TO PROFESSIONAL CONTEXTS</td>
<td>8701</td>
</tr>
<tr>
<td>I. Braga</td>
<td></td>
</tr>
<tr>
<td>DEVELOPING A BODY &amp; MIND GROUNDED FRAMEWORK TO MANAGE UNCERTAINTY IN AN INFORMATION-SEEKING COURSE</td>
<td>8710</td>
</tr>
<tr>
<td>A. Cruz-Vázquez, M. Aguilar-Arroyo</td>
<td></td>
</tr>
<tr>
<td>TRAINING FUTURE ENGINEERS TO BE SKILLFUL AT FITTING DATA</td>
<td>8718</td>
</tr>
<tr>
<td>M. Caligaris, G.B. Rodriguez, L.F. Lauter</td>
<td></td>
</tr>
<tr>
<td>MISSING VOICES: AN ANALYSIS OF NON-ACADEMIC ISSUES AFFECTING THE EXPERIENCES OF MUSLIM INTERNATIONAL STUDENTS</td>
<td>8727</td>
</tr>
<tr>
<td>M. Panahi, A. Khorsandi Taskouh, A. Abbaspour</td>
<td></td>
</tr>
<tr>
<td>SELECTING A BLENDED LEARNING MODEL FOR TEACHING ENGLISH THEORETICAL GRAMMAR AT TERTIARY LEVEL</td>
<td>8728</td>
</tr>
<tr>
<td>J. Kuzmina</td>
<td></td>
</tr>
<tr>
<td>EXPLORING NETWORK LEARNING FOR EXTERNALIZATION OF COMPUTER SCIENCE SKILLS IN THIRD YEAR COMPUTER SCIENCE PROJECTS AT LUG</td>
<td>8733</td>
</tr>
<tr>
<td>F. de Heer-Menlah</td>
<td></td>
</tr>
<tr>
<td>WEB SYSTEM FOR TEXT ANALYSIS OF QUESTIONNAIRE DATA IN SCIENCE TEACHING</td>
<td>8743</td>
</tr>
<tr>
<td>G. De la Cruz Martínez, R. Robles Ríos, A. Báez Islas, B.E. García Rivera</td>
<td></td>
</tr>
<tr>
<td>ADVANCING THE ACQUAINANCE OF STUDENTS WITH THE EXTRACTION OF KNOWLEDGE FROM ONLINE CITIZEN REVIEWS TO INFORM THE MANAGEMENT OF PUBLIC SERVICES</td>
<td>8750</td>
</tr>
<tr>
<td>M. Amorim, M. Rodrigues</td>
<td></td>
</tr>
<tr>
<td>D. Kabickova, V. Nulícek</td>
<td></td>
</tr>
<tr>
<td>LEADING MUSEUMS INTO A SUCCESSFUL DIGITAL TRANSFORMATION. RESEARCH ON EMERGING JOB ROLE PROFILES AND ASSOCIATED SKILL NEEDS; CONTRIBUTION OF THE MUSA - MUSEUM SECTOR ALLIANCE PROJECT</td>
<td>8761</td>
</tr>
<tr>
<td>P. Homem, M. Pinto, S. Medina, P. Remelgado</td>
<td></td>
</tr>
<tr>
<td>ADVANCING THE CASE FOR SUCCESSFUL EMBEDDING OF UNDERGRADUATE ACADEMIC WRITING SKILLS, THOUGH AN INTRADISCIPLINARY PERSPECTIVE</td>
<td>8762</td>
</tr>
<tr>
<td>S. McCotter</td>
<td></td>
</tr>
<tr>
<td>REDES: A PLATFORM CONNECTING EDUCATORS FROM ALL OVER BRAZIL</td>
<td>8768</td>
</tr>
<tr>
<td>N. Alves de Carvalho, C. Rodrigues, R. Barreiro</td>
<td></td>
</tr>
<tr>
<td>ALIGNING THE PARTICIPATION OF VISITORS OF SCIENCE CENTRES WITH SCIENCE COMMUNICATION AND EDUCATION GOALS</td>
<td>8774</td>
</tr>
<tr>
<td>F. Saghezchi, M. Amorim, M.J. Rosa, P. Pombo</td>
<td></td>
</tr>
<tr>
<td>EMPHASIZING THE “T” IN STEAM IN SCIENCE INSTRUCTIONAL PRACTICES OF ELEMENTARY TEACHER CANDIDATES’ DEVELOPING 21ST CENTURY PRACTICE</td>
<td>8775</td>
</tr>
<tr>
<td>S. Asim</td>
<td></td>
</tr>
<tr>
<td>MY STUDENTS RATHER USE TECHNOLOGY ANYWAYS! INCREASING DIGITAL PEDAGOGY OF TEACHER CANDIDATES</td>
<td>8780</td>
</tr>
<tr>
<td>S. Asim</td>
<td></td>
</tr>
<tr>
<td>FRONT-OF-HOUSE AND BACK-OF-HOUSE IN ONLINE LEARNING</td>
<td>8784</td>
</tr>
<tr>
<td>P. Gabor, C. Ing</td>
<td></td>
</tr>
<tr>
<td>CENTRAL CONSIDERATIONS WHEN CONDUCTING ‘CASE SELECTION’ IN RESEARCH OF THE DIGITALIZATION OF SCHOOLS</td>
<td>8792</td>
</tr>
<tr>
<td>S.M. Babaheidary, L. Svensson</td>
<td></td>
</tr>
<tr>
<td>DIGITAL PLATFORMS: THE STUDENT CONSUMER EXPERIENCE</td>
<td>8793</td>
</tr>
<tr>
<td>S. Caldewell, T. Gedeon</td>
<td></td>
</tr>
<tr>
<td>THE SUPERVISION PROCESS AT PRE-SERVICE EARLY CHILDHOOD TEACHER EDUCATION</td>
<td>8801</td>
</tr>
<tr>
<td>D. Lino, R. Friões, C. Parente, F. Vieira, C. Craveiro, B. Silva</td>
<td></td>
</tr>
</tbody>
</table>
LEARNING STYLES AND ACTIVE METHODOLOGIES IN A PROPOSAL FOR THE TEACHING-LEARNING OF RECTANGULAR PRISMS  
N. Bedregal-Alpaca, O. Sharhorodska  

THE EXPRESSIVE HAND. DRAWING TO UNDERSTAND THE BODY AND CREATE SPACE  
G. Díaz, A. González, D. Jiménez, C. Pérez  

STUDY OF THE LEVELS OF KNOWLEDGE AND BEHAVIOURAL ASPECTS MANIFESTED BY ENGINEERING STUDENTS IN EXPERIENCES WITH CLASSES DESIGNED USING THE FLIPPED LEARNING MODEL AND ADVANCED INFORMATIC TOOLS  
S. De Federico, L. Melfi  

CONNECTIVITY, EDUCATION AND RURAL DEVELOPMENT  
A. Pereira-García  

PROJECT OF IMPLEMENTATION OF TRAINING COURSES FOR SECONDARY TEACHERS TO PROMOTE INSERTION OF CAPACITIES TO USE COMPUTER TOOLS AND COMMUNICATION MEDIA TO LEARNING IN FUTURE UNIVERSITY STUDENTS  
S. De Federico, L. Melfi  

ACADEMIC ENGAGEMENT IN HIGHER EDUCATION: CIRCUMSTANCES FOR A CAREER CHANGE  
A. Young, D. Corta, E. León, C. Iberico  

CREATING A SUCCESSFUL ONLINE INTERDISCIPLINARY COURSE: FOUR PERSPECTIVES  
H. McCune Bruhn, M. Feineman, D. Gulick, A. Millet  

INQUIRY-DRIVEN INNOVATION: AN APPROACH TO SCHOOL-BASED CHANGE CATALYZED BY INQUIRY-LED PRACTICE AND PROFESSIONAL DEVELOPMENT  
A. Sachdeva, L. Davers Duraisingh, E.P. Clapp  

PRESERVICE TEACHERS’ SCORING RUBRIC DEVELOPMENT TO ASSESS CONCEPTUAL UNDERSTANDING IN MATHEMATICS  
M. Kwon  

DIFFUSION OF THE MAKER CULTURE AMONG BRAZILIAN TEACHERS: INITIATIVES AND STRATEGIES ADOPTED BY THE SESC EDUCATION PROGRAM  
R. Oliveira, A. Ramos, N. Alves de Carvalho  

EXAMINING FACTORS, SUPPORTS, AND TRANSITIONAL RESOURCES AMONG STUDENTS ATTENDING AGENCY SCHOOLS IN SOUTHWESTERN ONTARIO  
G. Pizzuto  

RESEARCH ON THE IMPACT OF CLIMATE CHANGE ON ARCHITECTURE AND APPLICATION IN DIDACTIC CLASSES IN ARCHITECTURAL DESIGN  
A. Gumińska  

AN INTERDISCIPLINARY PROJECT AND DIDACTIC PROCESS ON THE EXAMPLE OF THE CONCEPT OF DEVELOPING A DIFFICULT URBAN SPACE  
A. Gumińska  

A POETRY BOOK WITH AUGMENTED REALITY TECHNOLOGY  
K. Hwang  

INTERPERSONAL RELATIONSHIPS AS THE BASIS OF STUDENT MORAL FORMATION  
R. Kralik, T. Mahrik  

METAPHYSICS AS A BASE FOR IMPROVING CRITICAL THINKING  
R. Kralik, T. Mahrik  

HIGH-IMPACT PRACTICES: THE DIFFERENT LEARNING OUTCOMES AFTER SERVICE LEARNING COMPARED TO PRACTICUMS OR INTERNSHIPS AND THE DIFFERENT LEARNING OUTCOMES BETWEEN UNDERCLASSMEN AND UPPERCLASSMEN  
N. Weaver, L. Simons, C. Marshall, N. Blank  

TEACHER TRAINING IN "COOPERATIVE LEARNING" UNDER A B-LEARNING MODEL: A UNIVERSITY EXPERIENCE  
N. Bedregal-Alpaca, I. Paz-Torres  

THE IMPORTANCE OF CREATIVITY  
M.R. Ripoll  

UNDERSTANDING LEARNING ENVIRONMENTS AT THE GRADUATE LEVEL: A THEORETICAL ANALYSIS OF DOCTORAL ENGINEERING EDUCATION PROGRAMS  
B. Adams, A. Arce-Trigatti, P. Arce
READING, WRITING AND RACISM: EXPLORING THE IMPACT OF RACIAL DISCRIMINATION ON THE COGNITIVE AND SOCIAL-EMOTIONAL GAINS OF DEVELOPING YOUTH  
R. Johnson-McCurry  
8932

EDUCATIONAL SHARK TANK: PROPOSING AN ADDITIONAL EXPERIENCE TO THE DESIGN THINKING FRAMEWORK FOSTERING SUSTAINABLE INNOVATIVE EDUCATIONAL INITIATIVES  
J.J. Bignetti Bechara, S. Bertholo Piconez  
8938

STUDENTS’ OPINION ON THE OPENNESS OF THE UNIVERSITY TOWARDS STEM EDUCATION  
L. Ciascai, I. Zsoldos-Marchis  
8944

THE TEACHING INVESTIGATIVE JOURNALISM THROUGH INNOVATIVE GLOBAL TECHNIQUES  
K. Ordóñez, A. Suing, V. Stoitchkov, J. Cuenca  
8949

KIDS4WEARABLES: SUSTAINABILITY AND CREATIVITY IN STEM EDUCATION  
B. Hofstätter, C. Kröhn, B. Sabitzer, A. Thaler  
8958

INTERDISCIPLINARY PROJECTS TO PROMOTE GIFTED PRIMARY STUDENTS AND THEIR DIGITAL COMPETENCIES  
S. Hinterplattner, B. Sabitzer, J.S. Skogø  
8964

“FAIRY TALE COMPUTER SCIENCE” - CREATIVE APPROACHES FOR EARLY COMPUTER SCIENCE IN PRIMARY EDUCATION  
K. Tengler, B. Sabitzer, M. Rottenhofer  
8968

UNIVERSITY ENGINEERING EDUCATION LED BY INDUSTRY ENGINEERS: A CASE-STUDY FOR A SENIOR DESIGN PROJECT  
E. Roygal  
8975

HANDS – ON TEACHING OF TENSEGRITY MODELS IN THEORY AND PRACTICE  
M. Feil  
8979

GREEK PRE-SERVICE TEACHERS’ PERCEPTIONS, EMOTIONS AND ATTITUDES TOWARD REPRESENTATIONS OF PHYSIC CONCEPTS  
S. Anastasiadou, A. Pappa  
8987

REPRESENTATIONS IN STATISTICS PROBLEM SOLVING  
S. Anastasiadou  
8993

INTELLIGENT PLATFORM EVALUATION FOR SELF-REGULATED LEARNING IN PRIMARY EDUCATION  
N. Lara Nieto-Márquez, A. Baldominos, A. González, M.A. Pérez Nieto  
8997

PEDAGOGICAL DESIGN OF OPEN EDUCATIONAL RESOURCES FOR HUMANITY STUDENTS OF UNIVERSITIES IN RUSSIA  
A. Blagoveschenskaya, I. Ainoutdinova, A. Nurutdinova, E. Dmitrieva  
8998

CONTEXTUAL APPROACH AS THE BASIS FOR EFFECTIVE EXPERIENTIAL TRAINING OF UNIVERSITY STUDENTS IN RUSSIA  
I. Ainoutdinova, A. Blagoveschenskaya, A. Nurutdinova, E. Dmitrieva  
9004

MANDARIN CHINESE L2 ACQUISITION AS A MEANS OF THE REFLECTION OF THE PRESENT-DAY YOUTH’S CONSCIOUSNESS  
A. Guslyakova, N. Guslyakova, N. Valeeva, N. Merkushina, R. Kaderova  
9011

PORTFOLIO, DYNAMIC, AND TEACHER/PEER/SELF ASSESSMENT AND EFL LEARNERS’ USE OF LEARNING STRATEGIES AND SPEECH ACTS ACHIEVEMENT  
N. Shangarffam  
9018

A QUIZ GAME APPLICATION TO SUPPORT STUDENTS PASSING FEDERAL UNIVERSITY EXAMS  
R. Medim, P. Fernandes  
9025

THE EFFECT OF TRAIT EMOTIONAL INTELLIGENCE AND TEACHING CRITICAL THINKING AND AUTONOMY ON EFL LEARNERS’ SPEAKING COMPLEXITY AND ACCURACY  
N. Shangarffam  
9035

PEDAGOGICAL PROPOSAL TO ARTICULATE PEDAGOGICAL PRACTICES OF BASIC AND SECONDARY EDUCATION IN UNIVERSITY RESEARCH PROJECTS  
J. Galteano-Martínez, M.F. Gomez-Galindo, M.F. Figuereido-Medina  
9042

PRACTICAL TRAINING IN CREATING A FINANCIAL PLAN BY APPLYING RESEARCH RESULTS  
E. Hyránek, B. Mišota  
9047

UNIVERSITY STAKEHOLDER MAPPING  
L. Seres, M. Maric, P. Tambus, V. Pavličević  
9054
EXPANDING PUPILS’ KNOWLEDGE OF THE CHEMICAL COMPOSITION OF WASTE
M. Feszterova
9063

EPLAN CERTIFIED STUDENT – ONE WAY HOW TO SUPPORT THE THESIS OF INDUSTRY ORIENTED EDUCATION
D. Lukac
9070

ADAPTIVE VIRTUAL REALITY DISASTER SIMULATION FOR COMMUNITY TRAINING
J. Caro, J. Malinao, A. Valencia, M. Lopez
9071

LIBRASPLAY: PRACTICING BRAZILIAN SIGN LANGUAGE THROUGH A MOBILE GAME
I. Macedo, J.C. Ferreira, P. Fernandes
9080

THE INFLUENCE OF CRITICAL PEDAGOGY EMBEDDED COMPARATIVE LITERATURE COURSE DESIGN ON HIGH SCHOOL STUDENTS’ CRITICAL THINKING DISPOSITIONS: AN EXPERIMENTAL STUDY
G. Isikifoğlu, R. Isikifoğlu
9084

EXTENSIVE AND INTENSIVE READING MATERIAL ON THE INTERNET - SEAMLESS STUDYING ANYTIME, ANYWHERE
N. Kanazawa
9085

CHALLENGE DRIVEN EDUCATION COMBINED WITH PBL IN ENGINEERING MSC PROGRAMS
K. Pikoń, M. Bogacka, M. Landrat, W. Ścierski
9092

IMPROVING INTERACTION AND COMMUNICATION IN UNIVERSITY STUDENTS THROW THE USE OF MOBILE APPS
J.L. Rodríguez-Sánchez, T. González-Torres
9098

INFORMATION PROBLEM-SOLVING SKILLS TRAINING WITH FLIPPED METHODOLOGY IN A VIRTUAL ENVIRONMENT
C. García, E. Argelagós, J. Privado
9106

HIGH QUALITY ONLINE LEARNING: WHAT INSTITUTIONAL SUPPORT SERVICES MUST HIGHER EDUCATION INSTITUTIONS ENSURE?
N. Pedro, S. Kumar
9111

C-SMILE AND CINTA: ROLLING RESEARCH PROJECTS
Y. Basthomi, M. Hidayati, A. Effendi
9120

STUDENTS’ ASSESSMENT PREFERENCES AS PERCEIVED BY NON-ARABIC SPEAKING LEARNERS AT UMM AL-QURA UNIVERSITY
E. Aly
9138

SATISFACTION WITH UNIVERSITY LIFE AMONG INTERNATIONAL STUDENTS AT UMM AL-QURA UNIVERSITY
E. Aly
9148

UNIVERSITY ORIENTATION GROUP: ASSESSMENT OF MENTORING PROGRAMS IN PSYCHOLOGY STUDIES
A. Muñez, A. Rico
9157

EPistemological Support for Education in Sciences with Technologies
A.G. Schaeffer
9165

STRANGE ATTRACTORS: ART AND SCIENCE COLLABORATIONS AND LEARNING COMMUNITIES
E.A. Laramée
9172

ANALYSIS OF IPAD USAGE FOR PUPILS WITH SPECIAL EDUCATIONAL NEEDS
V. Gybas, K. Kostolányová, L. Klubal
9173

EXPLORING THE CONTRIBUTION OF CAREER COUNSELLING TOWARDS STUDENT’S SUCCESS IN AN ODEL UNIVERSITY: A CASE STUDY OF STUDENTS WITH VISUAL IMPAIRMENTS
E. Pitsoane
9181

A QUALITATIVE STUDY ON THE DELIBERATE PRACTICE OF EXPERTISE DEVELOPMENT PROCESS OF SKILLED-TALENTS IN NUMERICAL CONTROL
J. Ye, H. Oh
9182

INTERVENTION STRATEGY TO IMPROVE LEARNERS' READING AND WRITING
L. Fesi, V. Mncube
9186

ALICANTE SCIENCE PARK AS A SUSTAINABLE INNOVATION ECOSYSTEM THROUGH THE PROMOTION OF UNIVERSITY-INDUSTRY COOPERATION
O. Frances, M. Palomar
9193
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>30 YEARS OF CS1: PROGRAMMING LANGUAGES EVOLUTION</td>
<td>9197</td>
</tr>
<tr>
<td>S. Sobral</td>
<td></td>
</tr>
<tr>
<td>TEACHING PROGRAMMING IN EARLY CHILDHOOD EDUCATION WITH STORIES</td>
<td>9206</td>
</tr>
<tr>
<td>D. Pérez-Martín</td>
<td></td>
</tr>
<tr>
<td>VOCATIONAL TEACHING: USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES BY STUDENTS OUTSIDE THE SCHOOL CONTEXT</td>
<td>9213</td>
</tr>
<tr>
<td>A. Sousa</td>
<td></td>
</tr>
<tr>
<td>VOCATIONAL TEACHING: USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES BY TEACHERS OUTSIDE THE SCHOOL CONTEXT</td>
<td>9217</td>
</tr>
<tr>
<td>A. Sousa</td>
<td></td>
</tr>
<tr>
<td>SETTING THE COURSE FOR GLOBAL NORTH-SOUTH STUDENT-STAFF EXCHANGES: LESSONS FOR NAVIGATING THE MURKY WATERS</td>
<td>9221</td>
</tr>
<tr>
<td>S. Manik</td>
<td></td>
</tr>
<tr>
<td>DELVING INTO DESIGN: USING DESIGN THINKING IN STEM CURRICULUM ENVIRONMENTS</td>
<td>9226</td>
</tr>
<tr>
<td>L. Frear, C. Fillip</td>
<td></td>
</tr>
<tr>
<td>CALLIGRAPHY BRIDGES THE GAP BETWEEN ANALOG AND DIGITAL COMMUNICATION</td>
<td>9227</td>
</tr>
<tr>
<td>L. Frear</td>
<td></td>
</tr>
<tr>
<td>THE EFFECTS OF INNOVATION-BASED ENTREPRENEURSHIP COURSES IN THE FIRST YEARS OF HIGHER EDUCATION ON THE DEVELOPMENT OF INNOVATION INTENTIONS AND ENTREPRENEURSHIP</td>
<td>9228</td>
</tr>
<tr>
<td>G. Sart</td>
<td></td>
</tr>
<tr>
<td>EXPERIENCES WITH A BLENDED LEARNING CONCEPT IN A FIRST YEAR ENGINEERING MECHANICS COURSE</td>
<td>9229</td>
</tr>
<tr>
<td>M. Orthaber</td>
<td></td>
</tr>
<tr>
<td>CULTIVATING BIOPHILIC CONSCIOUSNESS AMONG PRE-SERVICE TEACHERS</td>
<td>9240</td>
</tr>
<tr>
<td>B. Musetti</td>
<td></td>
</tr>
<tr>
<td>INNOVATION GOVERNANCE OF BUNTET TRADITIONAL ISLAMIC EDUCATION</td>
<td>9241</td>
</tr>
<tr>
<td>M. Ali, S. Pettalongi</td>
<td></td>
</tr>
<tr>
<td>CAN FLIPPED LEARNING DEVELOP META-COGNITIVE ABILITY IN CHEMISTRY COURSES FOR UNDERGRADUATE FIRST AND SECOND-DEGREE STUDENTS?</td>
<td>9248</td>
</tr>
<tr>
<td>R. Herscu-Klaska</td>
<td></td>
</tr>
<tr>
<td>EDUCATION STUDENTS’ ATTITUDES REGARDING 21ST CENTURY SKILLS</td>
<td>9253</td>
</tr>
<tr>
<td>A. Forkosh Baruch, R. Gadot</td>
<td></td>
</tr>
<tr>
<td>FLIPPED TEACHING AND GAME-BASED LEARNING IN HIGHER EDUCATION: THE GOOD, THE BAD AND THE UGLY</td>
<td>9271</td>
</tr>
<tr>
<td>J.S. Artal-Sevil</td>
<td></td>
</tr>
<tr>
<td>APPLICATION OF INTERACTIVE ICT TOOLS IN THE CLASSROOM: FOR A HANDFUL OF DOLLARS</td>
<td>9281</td>
</tr>
<tr>
<td>J.S. Artal-Sevil</td>
<td></td>
</tr>
<tr>
<td>CONSUMPTION OF MULTI-INGREDIENT COLD, FLU AND ALLERGY PRODUCTS AMONG GENERAL POPULATION</td>
<td>9293</td>
</tr>
<tr>
<td>HEALTHY DIGITAL NUTRITION</td>
<td>9298</td>
</tr>
<tr>
<td>DEVELOPMENT OF EMPLOYABILITY SKILLS IN ADULT EDUCATION</td>
<td>9303</td>
</tr>
<tr>
<td>I. Ozola, B. Riva</td>
<td></td>
</tr>
<tr>
<td>USING BLENDER 3D FOR LEARNING VIRTUAL AND MIXED REALITY</td>
<td>9309</td>
</tr>
<tr>
<td>D. Horváthová, P. Voštiná, M. Mitter</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICT) IN EDUCATIONAL ACTIVITIES OF MODERN LECTURERS</td>
<td>9315</td>
</tr>
<tr>
<td>V. Mukhametzhanova</td>
<td></td>
</tr>
<tr>
<td>COACHING FAMILIES FOR INFANT LANGUAGE STIMULATION</td>
<td>9319</td>
</tr>
<tr>
<td>M. Knight-McKenenna, H. Hollingsworth</td>
<td></td>
</tr>
<tr>
<td>APPS TO CREATE NOTES AS A DIDACTIC RESOURCE TO TEACH CHEMISTRY</td>
<td>9323</td>
</tr>
<tr>
<td>A. Grunewald Nichele, K. Silva dos Santos Moraes</td>
<td></td>
</tr>
</tbody>
</table>
HOW THE RESULTS OF STATE MATURITY INFLUENCE THE AVERAGE GRADE AND DURATION OF UNDERGRADUATE STUDY AT THE FACULTY OF FORESTRY UNIVERSITY OF ZAGREB  
A. Jazbec, M. Vedriš  

ARTIFICIAL INTELLIGENCE IN EDUCATION - ROMANIAN STUDENTS' ATTITUDES TOWARD ARTIFICIAL INTELLIGENCE AND ITS IMPACT ON THEIR CAREER DEVELOPMENT  
S. Fotea, I. Fotea, E. Țundrea  

DEVELOPMENT AND IMPLEMENTATION OF DUAL PROGRAMS IN ENGINEERING HIGHER EDUCATION  
L. Jiménez Esteller, A. Molas, D.T. Boer, K. Krüger  

DIGITAL PORTFOLIOS TO ENHANCE ENGLISH AS A FOREIGN LANGUAGE WRITING SKILLS: A CASE OF UNIVERSITY STUDENTS IN SOUTHERN ECUADOR  
P. Cabrera-Solano, L. Castillo-Cuesta  

RESPONSIBLE RESEARCH AND INNOVATION ACROSS THE CHAIN OF VALUE: RESEARCHERS, CIVIL SOCIETY, INDUSTRY, EDUCATION AND POLICY MAKERS  
L. Jiménez Esteller, A. Molas, D.T. Boer, K. Krüger  

SOCIAL, PERSONAL AND ACADEMIC VARIABLES THAT EXPLAIN UNIVERSITY STUDENTS’ DROPOUT  
A. Muñoz, L. Fernández Mármol, J. Fernández Baena  

COULD SOCIAL NETWORKS ENHANCE COMMUNICATION BETWEEN TEACHERS AND STUDENTS?  
R. Faizi, M. Rudneva  

EDUCATING STORY MINDS THROUGH PORTFOLIO  
M.C. Dal Pian, M. Dal Pian, L.F. Dal Pian  

E-ASSESSMENT IN ENGINEERING MECHANICS: HOW DOES IT COMPARE TO CLASSICAL PAPER-PENCIL EXAMS?  
M. Orthaber, T. Antretter, R. Jurisits, M. Schemmel  

RISK AND PROTECTIVE FACTORS IN THE DEVELOPMENT OF PERSONALITY RESILIENCE  
L. Lackova, A. Ramírez García, T. Kimplova  

DISCursive FIELD OF COMMUNICATION: THE PROBLEM OF “SMALL WORDS” AND ITS SOLUTION  
N. Novikova, T. Cherkashina, M. Budilseva, I. Varlamova, Y. Chernova  

LANGUAGE TRAINING OF ADULT BILINGUAL STUDENTS: PROBLEMS AND SOLUTIONS  
N. Novikova, T. Cherkashina, O. Soeshnikova, Y. Tugova, Y. Chernova  

WHY WE COLLABORATE AS IT? A STUDY ABOUT TEACHER COLLABORATION FOR A MULTIDISCIPLINARY APPROACH TO PROJECT-BASED LEARNING  
S. Caffiau, G. Blanco-Laine, S. Dupuy-Chessa  

E-LEARNING TECHNOLOGIES IN LIFELONG LEARNING: OPPORTUNITIES AND CHALLENGES  
M. Charytanowicz  

TYPICAL SPEECH ERRORS MADE BY UNIVERSITY STUDENTS IN THE COURSE OF L2 ACQUISITION  
A. Guslyakova, N. Guslyakova, N. Valeeva, R. Kaderova, N. Merkushina  

TEACHING AND LEARNING THROUGH FACEBOOK: HOW SOCIAL MEDIA CAN BE USED AS A LEARNING MANAGEMENT SYSTEM  
J. Charline Siqueira de Oliveira, A. Grunewald Nichele  

SERVICE LEARNING: A PEDAGOGICAL METHODOLOGY TO HAVE STUDENTS DEVELOP SOFT SKILLS. AN EMPIRICAL STUDY  
O. De Pietro  

THE I BELIEVE INITIATIVE: EXPLORING FACTORS OUTSIDE ACADEMIC PREPAREDNESS THAT CONTRIBUTES TO SUCCESS AMONG AFRICAN AMERICAN MALE COLLEGE STUDENTS  
A. Ferguson, J.L. Jennings, C. Small  

USING TEAMS FOR A COMPLETE DISTANCE LEARNING EXPERIENCE  
C. Goria, S. Hanford  

EVALUATION OF TOTAL QUALITY MANAGEMENT (TQM) IN GREEK HIGHER EDUCATION USING ADVANCED STATISTICAL METHODOLOGIES  
E. Taraza, S. Anastasiadou
INNOVATION IN CLINICAL PRACTICE: AN EXPLORATION OF HEALTHCARE LEADERS’ PERCEPTIONS
K. Krell

A CASE OF COMPUTATIONAL ACTION THROUGH USING WEB3D BASED INFORMATION VISUALIZATION TECHNOLOGY FOR INSPIRING CODING LITERACY AT K-12 LEVELS
J. Ferreira Franco, A.B. Santojo de Oliveira

DIDACTIC EXPERIENCES IN THE ERASMUS + PROGRAMME AT THE FACULTY OF ARCHITECTURE OF THE SILESIAN UNIVERSITY OF TECHNOLOGY IN GLIWICE
B. Komar, B. Kucharczyk-Brus

STUDENTS’ ATTITUDES TOWARDS PROGRAMMING AFTER THE FIRST YEAR OF IMPLEMENTING A NEW INFORMATICS CURRICULUM IN THE ELEMENTARY SCHOOLS
I. Boljat, M. Mladenović, N. Mustapić Jogun

WBS LEARNSPACE 3D® LEARNING & WORKING IN VIRTUALITY (HR INNOVATION AWARD 2018, ELEARNING JOURNAL AWARD 2018) OUR EXPERIENCE AND LEARNINGS WITH 7,000 PARTICIPANTS DAILY IN 3D
S. Angerhöfer

THE FUTURE CLUB, AN INNOVATIVE PROJECT BY WBS AKADEMIE. OUR GOALS AND FIRST EXPERIENCES
S. Angerhöfer

WHAT CAN WE LEARN FROM STUDENT QUALITATIVE FEEDBACK? USING STUDENTS’ END OF COURSE REFLECTIONS FOR COURSE EVALUATION AND IMPROVEMENT
K. Pažur Anićić

THE LIFE STORY OF A SECONDARY TEACHER AS A RESEARCH METHOD TO PROMOTE PEACE EDUCATION AND TO IMPROVE HER TEACHING PRACTICES
N. Segarra Adell

INTEGRATING STEAM IN THE CLASSROOM WITH COMPUTATIONAL ECOSYSTEMS
J.C. Olabe, X. Basogain, M.A. Olabe

TEACHING ACTIVITIES FOR THE IMPROVEMENT OF HISTOLOGICAL KNOWLEDGE IN AN INTEGRATED EDUCATIONAL SYSTEM: THE GRADE OF MEDICINE OF THE UNIVERSITY JAUME I
M.J. Sánchez-Catalán, V. Herranz-Pérez, M. Barneo-Muñoz, F. Martínez-García

TOTAL QUALITY MANAGEMENT: IMPLEMENTATION OF THE SIX SIGMA METHODOLOGY FOR IMPROVING QUALITY IN HIGHER EDUCATION
S. Anastasiadou, E. Taraza

PLAY IN PRACTICE
M. Macintyre, Y. Kunter

EFFECTING CHANGE: EMBEDDING DESIGN THINKING IN THE CULTURAL PSYCHE FOR SUSTAINING POSITIVE CHANGE IN THE WORK PLACE
M. Macintyre

LEARNING REINFORCEMENT IN NUMERICAL ANALYSIS BY MEANS OF FLIPPED CLASSROOM
F. Sánchez Lasheras

OBSERVING WORKS OF ART CONSCIOUSLY FOR A TRANSFORMATIVE AWARENESS
G. Mega

HEALTH EDUCATION MEDIATED THROUGH EDUCATIONAL TECHNOLOGIES: A DISTANCE LEARNING PROPOSAL FOR THE FORMATION OF ELEMENTARY SCHOOL TEACHERS
E. Barilli, R. Oliveira

PROBLEM BASED LEARNING IN A BIOSTATISTICS COURSE
J.P. Cruz

NETIQUETTE AND CYBERBULLYING IN THE CONTEXT OF DIGITAL PUBLIC RELATIONS OF SCHOOLS
L. Lujić, J. Lepoglavac

ENGAGING AUGMENTED REALITY TO INTRODUCE CIVIL ENGINEERING SITE AND GRADING PLANS TO UNDERGRADUATE STUDENTS
J. Cribbs

INNOVATION BIBLIOMETRIC ANALYSIS IN ECONOMIC RESEARCH AND EDUCATION IN NOVOSIBIRSK
M. Lychagin
THE 50 YEARS STUDY OF FINANCIAL INNOVATION IN THE SOVIET UNION AND THE RUSSIAN FEDERATION
M. Lychagin

UP2U IN THE CLASSROOM
I. Otero-González, D. Pantaziotos, B. Tóth, M. Zimmniewicz, D. Docampo

TEACHING FOREIGN LANGUAGE TO PRESCHOOL CHILDREN VS STATE EDUCATIONAL STANDARD (RUSSIAN FEDERATION EXPERIENCE): INTERRELATIONS, INTERPRETATIONS, INNOVATIONS
L. Borbotko

DICTIONARY AS A POWERFUL TOOL FOR LANGUAGE AND CROSS-CULTURE EDUCATION
L. Borbotko

STUDENT-CENTERED TEACHING: WHAT TEACHERS BELIEVE
S. Laurian Fitzgerald, C. Fitzgerald

PERCEIVED USEFULNESS AND EFFECTIVENESS OF NON-VERBAL COMMUNICATION IN CLASSROOM: A CROSS-CULTURAL APPROACH
M. Šerić

STUDENT VOLUNTEERISM AND SELF-EFFICACY
S. Laurian Fitzgerald, C. Fitzgerald

WORKING ON SCIENCE AT A KINDERGARTEN FOR THREE-YEAR-OLDS THROUGH AN INTERDISCIPLINARY PLAYFUL APPROACH: THE MYSTERY OF THE MEDIEVAL MARKET
B. Antolín-Barrios, A. Fernández-Oliveras

COMPILATION OF TRADITIONAL GAMES PLAYED IN JAMAICA: AN ETHNOMATHEMATICAL STUDY FOR STEAM EDUCATION
M.J. Espigares-Gámez, A. Fernández-Oliveras, M.L. Oliveras

DEVELOPING PERSONAL AND PROFESSIONAL COMPETENCY OF FUTURE MEDIATORS WITHIN THE FRAMEWORK OF THE INTERNATIONAL SUMMER SCHOOL
O. Smolyaninova, J. Popova

EMERGING TECHNOLOGIES AND TEACHER PERFORMANCE IN CLASSROOM: A STUDY FROM THE PERSPECTIVE OF NATIONAL AND INTERNATIONAL STUDENTS
M. Šerić

INVESTIGATING STUDENTS ATTITUDES TOWARD COMPUTER-BASED AND TRADITIONAL PAPER-PENCIL TESTING
N. Albanna, H. Abu-Safe

USING ICT TO FACILITATE THE INTERNSHIP PROCESS FOR NOVICE TEACHERS
Z. Najjar, W. Zidan

PRINCIPLES OF SUPERVISING TEACHERS’ WORK WITH STUDENT TEACHERS
H. Navrátilová, P. Trávníčková

WORKPLACE LEARNING FOR PERSONNEL OF HIGH-TECH SERVICE-ORIENTED COMPANIES
A. Beresnev, V. Boytsov, D. Dobrenko, N. Egorov, N. Gusarova

ANALYSIS OF THE PROFILES OF THE FIRST YEAR STUDENTS OF BACHELOR DEGREE OF MARITIME TRANSPORTATION OF THE UPV/EHU UNIVERSITY
M.M. Maruri, I. Basterrechea-Iribar, E. Arriola-Gutierrez, I. Sotés

COMBINING INNOVATIVE METHODOLOGIES FOR A DEEPER AND MEANINGFUL LEARNING WITH DIRECT IMPLICATIONS IN THE COMMUNITY
P. Doran, I. Menchaca

USE OF E-LEARNING IN PREPARING STUDENTS FOR PRACTICAL MEASUREMENTS
G. Bánez, D. Lukáčová, V. Tomková

FROM TRADITIONAL TO INNOVATION: EXPERIENCE IN THE E.U. ECONOMICS SUBJECT (UNIVERSITY OF ALMERIA)
J. de Pablo Valenciano, J. Milán García, J. Uribe Toril, N. Rueda López

REVISION OF KNOWLEDGE ABOUT HOME ECONOMICS IN HIGHER-LEVEL TRAINING CYCLES
J. de Pablo Valenciano, J. Milán García, A. Carretero Gómez, J.L. Ruiz Real

READABLE ENGLISH – A LANGUAGE LEARNING INNOVATION
P. Blayney, R. King

A NEW MASTER’S DEGREE PROGRAM IN GEODESY
D. Wróblewska, P. Wysocki
VIDEO TECHNOLOGY FOR TEACHING FOREIGN LANGUAGE SPEAKING SKILLS IN A TECHNICAL UNIVERSITY
E. Vdovina, N. Popova, A. Gavrilova, A. Kazmina

ASSESSMENT OF PRIOR LEARNING OF NEWLY ARRIVED STUDENTS IN SPAIN. THE CASE OF CATALONIA
M.A. Essomba

COMMUNITY EDUCATION. AN ACTION-RESEARCH MODEL TO BUILD UP PRE-CONDITIONS FOR CHANGE
M.A. Essomba

INCLUSIVE EDUCATION: LEARNERS WITH DISABILITIES AND SPECIAL EDUCATION NEEDS IN GHANA
K. Abdul-Karim, S.K. Awuku

SLOVAK SCHOOL INSPECTORS AS POTENTIAL SCHOOL LEADERS
Z. Heinzova, L. Kaliska

BIBLIOMETRIC ANALYSIS OF “TRANSFORMATIVE LEADERSHIP IN EDUCATION” IN WEB OF SCIENCE CORE COLLECTION
L. Kaliska

THE ANALYTICAL THINKING IN THE MORAL REASONING OF A LEADER
J. Kalisky

MORAL COMPETENCE AS A KEYSTONE OF LEADER’S MORAL PERSONALITY
L. Kaliska, J. Kalisky

PRIMARY SCHOOL STAFF’S PERCEPTIONS REGARDING RISKY INTERNET USE IN SCHOOL AGE: THE ROLE OF TRAINING AND DEMOGRAPHIC CHARACTERISTICS
T. Touloupis, C. Athanasiades

EFFECTS OF ENGLISH LANGUAGE PROFICIENCY ON PERFORMANCE IN ACCOUNTING
R. King, P. Blayney

POSSIBLE IMPLICATIONS OF INFLUX ROBOTISATION AND THE AI FOR EDUCATION AND PROFESSIONS
V. Zuzeviciute, E. Butrimė

TEACHING AND ASSESSMENT OF PHYSICS EDUCATION IN MATERIAL SCIENCE AT THE FACULTY OF CIVIL ENGINEERING IN BRATISLAVA
G. Pavlendová, J. Šujanová

UNDERSTANDING THE STUDENT PERSPECTIVE OF MICROSOFT ONENOTE AS A LEARNING RESOURCE IN HIGHER EDUCATION
S. Bamforth, G. Perkin, J. Flint

PERCEPTIONS OF LEARNING ABOUT DEALING WITH CULTURAL, ETHICAL AND SOCIAL ISSUES IN THE DIGITAL SPACE IN THE CYBER INFORMATION CURRICULUM
O. Zeichner, A. Cohen

REAL AND VIRTUAL INTERPERSONAL RELATIONS, INTERNET-MOTIVATION IN UNIVERSITY STUDENTS
G. Kozhukhar, V. Kovrov

QUALITY IN CONTINUING PROFESSIONAL DEVELOPMENT OF TEACHERS
A.M. Rogić

CREATING TRANSMEDIA NARRATIVES TO ENHANCE DIGITAL INTELLIGENCE IN HIGH SCHOOL STUDENTS
J. Škoda, L. Luić

HOW TO DELIVER AN INTERACTIVE, ENGAGING AND INDEPENDENT LEARNING EXPERIENCE
M. Wang

NETWORKING STRATEGIES TO OBSERVE AND ANALYZE EUROPEAN CONTEMPORARY CULTURE. OPEN DATA, VISUAL CARTOGRAPHIES, GEOLOCATION AND WEB SCRAPING
M. Cuevas, A. Labella

DRAMATIZATION AS AN INNOVATIVE EXPERIENCE FOR SCIENCE SUBJECTS IN UNIVERSITY EDUCATION
M. Pérez de Villarreal, P. Scotton

METHODOLOGY FOR THE DEVELOPMENT OF EDUCATIONAL RESOURCES WITH EXTENDED REALITY
E. Jiménez, G. Mariscal, S. Redondo, S. Vozmediano, S. Calvo
ENHANCING HEALTH, SAFETY AND SECURITY OF PEOPLE AND ASSETS IN A SOUTH AFRICAN HEALTH SCIENCES HIGHER INSTITUTION OF LEARNING
G.R. Miyambu, S.M. Seeletse

IS THERE A GENDER GAP WHEN COMPUTER-BASED ASSESSMENTS ARE USED FOR SCIENCE DISCIPLINES?
E.A. Soto Rodríguez, A. Fernández Vílas, R.P. Díaz Redondo

INSTAGRAM AS AN EDUCATIONAL RESOURCE: HEURISTIC POTENTIAL AND TECHNOLOGIES OF LINGUISTIC BLOGS
V. Gaputina, E. Budnik, V. Boguslavskaya, E. Koltakova

MOODLE IN THE PRIMARY SCHOOL – INVESTIGATION OF RESOURCES AND IMPLEMENTATION POSSIBILITIES
A. Goltsiou, C. Sofianopoulou

FOLLOW THE LEADER: A CASE STUDY OF LEADERSHIP, TEAM BASED LEARNING AND TEAM DEVELOPMENT IN INTERNATIONAL MANAGEMENT EDUCATION
N. Mikhaylov, F. Omanova

DEVELOPING AN OBJECT-ORIENTED PROGRAMMING CURRICULUM IN A FACULTY TEACHING IN FOREIGN LANGUAGES
A. Vasilateanu

FOR PROFIT RECRUITMENT OF NON-TRADITIONAL AND FIRST-GENERATION STUDENTS FOR COLLEGE ADMISSION
N. Hutto, R. Hutto

ALGORITHM FOR PLANNING AN INTERACTIVE LESSON IN ECONOMIC TEACHING
G. Kurmanova, B. Widmann, B. Urazova, A. Kim, B. Sukhanberdina

ENHANCING THE PERFORMANCE OF SURGICAL ACTIVITY THROUGH LEAN THINKING IN THE AZIENDA OSPEDALIERA DI PADOVA
C. Verbano, D. Donato, P. Camporese, U. Baccaglini, G. Carretta, L. Flor

INNOVATING IN NURSING EDUCATION - A BRIEF REVIEW OF LITERATURE
M.C. Sá, A. Nabais, A. Oliveira

IDENTIFYING HIGH SCHOOL STUDENTS’ ALTERNATE CONCEPTS IN PERIODIC TABLE
P. Chowdhury, M.P. Rakhumise, S. Simelane-Mnisi, O.N. Mafa-Theledi

KEEPING IT HONEST: RETHINKING ASSESSMENT AND ACADEMIC INTEGRITY IN A DIGITAL AGE
B. Sharp, M. Reilly

SOFTWARE ENGINEERING EDUCATION IN COLLABORATION WITH INDUSTRY: AN EXPERIENCE REPORT
Z. Stapić, A. Cižmešija, M. Mijuč

FROM MOOCS TO THE “AD HOC-OOC” COURSES: A COMPARATIVE STUDY ON THE DISTINCTION BETWEEN ACADEMIC WORLD AND PROFESSIONAL CONTEXT
L. Passarelli

CONSCIOUS SEDATION: A SPECIFIC COMPETENCE OF THE SPANISH DENTISTRY DEGREE. CURRENT SITUATION
M.I. Vela, L. Giner

INTEGRATING TECHNOLOGY INTO TEACHING AND LEARNING OF ENGLISH FIRST ADDITIONAL LANGUAGE: WHAT LECTURERS HAVE TO SAY
N.P. Caga, M. Skhephe

GAME-BASED TRAINING - THE ROBODANCE PROJECT AND ITS APPLICATION
K. Dyulgerova, D. Atanasova

THE USE OF TECHNOLOGY ON STUDENT’S ENGAGEMENT AND MOTIVATION: AN EXPLORATORY STUDY
J. Guilherme, C. Carvalho

CREATIVE TEACHERS AND OUTDOOR EDUCATIONAL SETTINGS: NEW DIRECTIONS OF RESEARCH
F.V. Villa, M. Guerra

FLIPPED CLASSROOM: A TRANSDISCIPLINARY STUDY
A. Veiga, F. Remião, J.P. Pêgo

SELECTED ASPECTS OF EMPLOYEE TRAINING
M. Cárachová

RELATIONS OF USE DIGITAL MATERIALS AT CLASSROOM TO MOTIVATION AND COGNITIVE PERFORMANCE IN ELEMENTARY EDUCATION
N. Lara Nieto-Márquez, M.A. Pérez Nieto, A. Baldominos
REALIZING PEDIATRIC PATIENT CREATIVITY THROUGH DIGITAL ANIMATION & AUGMENTED REALITY: A CASE STUDY IN UNDERGRADUATE COLLABORATIVE COMMUNITY BASED LEARNING
N. Jushchyshyn, N. Eve

DEVELOPING EMBEDDED PROGRAM EVALUATION AND RESEARCH TRAINING IN SCHOLARLY LEARNING: AN OVERVIEW OF THE RESEARCH ASSISTANT PEER LEADERS PROGRAM AS A MODEL FOR UNDERGRADUATE RESEARCH
J. Alberete, A. Cruz, A.E. Dreyfuss

PROSPECTS OF ARCTIC DEVELOPMENT IN RESEARCHES OF THE NORTH-EASTERN FEDERAL UNIVERSITY
V. Bessonova, P. Bessonov, V. Alexandrova

INNOVATIVE TEACHING METHODS IN INFORMAL LEARNING FOR YOUNG PEOPLE AT RISK OF SOCIAL EXCLUSION IN BULGARIA
I. Modev

PECULIARITIES OF INTERNATIONAL COMMUNICATIONS IN UNIVERSITY PROMOTION WORLDWIDE
O. Novoselova

MATHEMATICAL MODEL OF KNOWLEDGE TRANSFER REPRESENTATION
G. Sirovatka, V. Mićković, P. Čavka

TRENDS IN THE EDUCATIONAL PROCESS DUE TO 4TH TECHNLOGICAL REVOLUTION
M. Čárachová

THE UNIVERSITY-BUSINESS INCUBATORS RELATIONSHIP AS A TEACHING INNOVATION FACTOR
A.B. Alonso-Conde, J. Rojo-Suárez, R. Lago Balsalobre

FPGA IMPLEMENTATION OF ARITHMETIC CIRCUITS FOR SUBTRACTION USED FOR EDUCATIONAL PURPOSES
A. Borodzhieva, I. Stoev, V. Mutkov

POSSIBILITIES OF TECHNICAL CREATIVITY DEVELOPMENT OF A PRIMARY SCHOOL TEACHER THROUGH ICT TOOLS
P. Čáťková, J. Kubrický, J. Kropáč

INTRODUCING INTERDISCIPLINARY STEM COMPETENCIES IN FRESHMAN LEVEL COLLEGE COURSES THROUGH ASSESSMENT BASED EXPERIENTIAL LEARNING: AN EFFECTIVE STRATEGY FOR INCREASED RETENTION IN THE SCIENCES
S. Ireland, H. McFerrin, M. Carmichael, H. Biliran, H. Ratnayaka, S. Muniruzzaman

AN INTERDISCIPLINARY APPROACH TO TEACHING FRENCH WITH SPECIFIC OBJECTIVES FOR VETERINARY STUDENTS USING THE ZOE PROJECT (ZOONESONLINEEDUCATION)
E. Velescu, R. Mihaileche, L. Miron, F.M. Miron

THE POSSIBILITY OF USING THE VIDEO BLOG AS A MODERN TEACHING TOOL
A. Lanskikh, A. Skuratov, N. Symiunik

DOES THE LEARNER'S MOTIVATION CHANGE IF THE TEACHER USES TARGETED DIDACTIZED PODCASTS (VIDEOCASTS) IN CLASS?
E. Velescu

IMPLEMENTING A VOCATIONAL EDUCATION LEARNING APPROACH FOR DIVERSE LEARNERS
A. Soler-Domínguez, D. Rayona-Cuallado, E. Granell-Miguel, J.M. Ramos-Mezquita

TRANSFORMATION OF THE QUALITY ASSURANCE SYSTEM OF HIGHER EDUCATION IN UKRAINE
N. Komisarenko, M. Kudla, O. Kirdan

THERMAL ENGINEERING FROM THE LABORATORY TO YOUR HOUSE
J. Muñoz-Antón, S. Sánchez-Ortiz, A. Vanegas-Guillén, L. González-Portillo, C. Arnaiz

THE MANAGING DIVERSITY UNIT'S FACULTY TRAINING PROGRAM
E. Jiménez, S. Escorial, M.A. Ruiz, J.J. Rodriguez

JOB STRESS, ORGANIZATIONAL CLIMATE AND COUNTER PRODUCTIVE WORK BEHAVIOUR AMONG UNIVERSITY PROFESSORS

EXPANDING THE BOUNDARIES OF SERVICE-LEARNING AT HIGHER EDUCATION THROUGH E-LEARNING SCENARIOS: LESSONS FROM TEACHING INNOVATION PROJECTS
A. Creus, M. Fiori, N. Gmelch, P. Martinez
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>MANAGING INTEGRATION OF DIGITAL TECHNOLOGIES IN SCHOOLS - PRINCIPAL ROLE AND COMPETENCES</td>
<td>10322</td>
</tr>
<tr>
<td>L. Dejanovic, G. Jugo</td>
<td></td>
</tr>
<tr>
<td>FORMATION OF DIGITAL LITERACY FOR STUDENTS FROM THIRD GRADE – THE STATE OF THE PROBLEM IN PEDAGOGICAL PRACTICE</td>
<td>10331</td>
</tr>
<tr>
<td>K. Dimitrova</td>
<td></td>
</tr>
<tr>
<td>INCLUSIVE EDUCATION IN INDONESIA: OPPORTUNITIES AND CHALLENGES</td>
<td>10337</td>
</tr>
<tr>
<td>M.H. Arifin</td>
<td></td>
</tr>
<tr>
<td>MASTER STUDENTS WORKING ON THE PSYCHOLOGICAL UNDERPinnINGS OF VALUE CO-CREATION AND CO-DESTRUCTION IN P2P SCHEMES</td>
<td>10344</td>
</tr>
<tr>
<td>M.G. Gallarza, C. Valor</td>
<td></td>
</tr>
<tr>
<td>SURVEY OF 8-9-YEAR STUDENTS’ WORKING SKILLS WITH GRAPHIC EDITOR ON RESEARCH AND CREATIVE PROJECTS</td>
<td>10351</td>
</tr>
<tr>
<td>K. Dimitrova, R. Papancheva</td>
<td></td>
</tr>
<tr>
<td>FUTURE PRIORITIES FOR CULTURAL EDUCATION IN LATVIA: INTERSECTIONS OF POLICY DOCUMENTS AND CURRICULA</td>
<td>10358</td>
</tr>
<tr>
<td>A. Romanovska</td>
<td></td>
</tr>
<tr>
<td>RESIDENTIAL INTERIORS - STUDENT PROJECT TASK PRECEDED BY A SERIES OF QUALITATIVE RESEARCH</td>
<td>10364</td>
</tr>
<tr>
<td>B. Kucharczyk-Brus</td>
<td></td>
</tr>
<tr>
<td>PLANNING FOR INCLUSION: FROM WHAT WE SAY TO WHAT WE DO</td>
<td>10371</td>
</tr>
<tr>
<td>M. Carvalho, H. Azevedo</td>
<td></td>
</tr>
<tr>
<td>VIDEO BLOG AS AN EDUCATIONAL TOOL IN POLAND</td>
<td>10372</td>
</tr>
<tr>
<td>B. Pajchert, D. Kaczmarczyk, K. Gurba</td>
<td></td>
</tr>
<tr>
<td>THE MODEL OF PSYCHOLOGICAL AND PEDAGOGICAL SUPPORT FOR WORKING STUDENTS WITH THE EMOTIONAL BURNOUT SYNDROME</td>
<td>10377</td>
</tr>
<tr>
<td>O. Koropets, A. Fedorova, I. Kacane</td>
<td></td>
</tr>
<tr>
<td>TEACHERS’ PARTICIPATION IN STRATEGIC PLANNING: A PATH FOR SCHOOL PLANNING SUCCESS</td>
<td>10384</td>
</tr>
<tr>
<td>M. Carvalho, I. Cabral, J. Verdasca, J.M. Alves</td>
<td></td>
</tr>
<tr>
<td>ONLINE TRAINING OF VOLUNTEERS IN RESOURCE CENTERS AND LARGE RUSSIAN NGOS MANAGERS’ ASSESSMENTS</td>
<td>10389</td>
</tr>
<tr>
<td>M. Pevnaya, E. Pevnaya</td>
<td></td>
</tr>
<tr>
<td>FAMILY AND LEARNING FROM THE AUSTRALIAN INDIGENOUS PERSPECTIVE: EXPERIENCES OF A STUDY TOUR</td>
<td>10397</td>
</tr>
<tr>
<td>I. Tomory</td>
<td></td>
</tr>
<tr>
<td>A 360 3D INTERACTIVE IMMERSIVE LEARNING EXPERIENCE TO IMPROVE COMMUNICATION AND FEEDBACK WITHIN THE CORPORATE ENVIRONMENT USING OCULUS GO</td>
<td>10404</td>
</tr>
<tr>
<td>L. Villarejo, I. Martí</td>
<td></td>
</tr>
<tr>
<td>WHEN WILL THE PROMISES OF SEARCH TECHNOLOGY IN THE CLASSROOM COME TRUE?</td>
<td>10409</td>
</tr>
<tr>
<td>E. Murgia, M. Landoni, M.S. Pera, T. Huibers</td>
<td></td>
</tr>
<tr>
<td>IMPLEMENTATION OF THE ADAPTATION MODULE AS AN INCLUSIVE SUPPORT MECHANISM FOR THE UNIVERSITY’S EDUCATIONAL PROGRAMS FOR PEOPLE WITH DISABILITIES</td>
<td>10416</td>
</tr>
<tr>
<td>V. Koksharov, A. Nevolina, V. Dihor, G. Tkachuk, A. Baliasov</td>
<td></td>
</tr>
<tr>
<td>THINKING SKILLS ASSESSMENTS FOR HIGH-STAKES SELECTION</td>
<td>10421</td>
</tr>
<tr>
<td>T. Iveson-Malcolm, P. Crump</td>
<td></td>
</tr>
<tr>
<td>PRAGMATICS OF COMMUNICATION IN PRESCHOOL AND YOUNGER SCHOOL-AGED CHILDREN</td>
<td>10422</td>
</tr>
<tr>
<td>E. Švecová, K. Vitásková</td>
<td></td>
</tr>
<tr>
<td>APPLICABILITY OF NETNOGRAPHY IN THE ANALYSIS OF POLISH VLOGGERS</td>
<td>10429</td>
</tr>
<tr>
<td>B. Pajchert, D. Kaczmarczyk, K. Gurba</td>
<td></td>
</tr>
<tr>
<td>CYBERSECURITY TRAINING FOR SME: FILLING THE GAP OR CORPORATE STRATEGY?</td>
<td>10434</td>
</tr>
<tr>
<td>A. Consoli, E. Kovatcheva</td>
<td></td>
</tr>
<tr>
<td>CONNECTING THE SOCIAL WORK CURRICULUM WITH THE COMMUNITY - PEDAGOGICAL APPROACHES TO COMMUNITY-BASED PARTICIPATORY GROUP RESEARCH</td>
<td>10441</td>
</tr>
<tr>
<td>F. Ó Súilleabháin</td>
<td></td>
</tr>
</tbody>
</table>
FOSTERING PARTNERSHIPS WITH REFUGEE FAMILIES: FACILITATING AND IMPEDING FACTORS IDENTIFIED BY FAMILIES AND TEACHERS
S. Haines, C. Reyes

SELECTION OF STUDENT RESPONSE SYSTEM FOR GAMIFICATION AT THE HIGHER EDUCATION LEVEL
K. Muszynska, J. Swacha

SHAKING UP REALITY: A U.S. TRAVEL-STUDY COURSE IN THE AZORES PREPARING TEACHERS FOR THE MAGIC OF THE PROFESSION
S. Haines, R. Dinis, J. Strofin

PROBLEM-BASED LEARNING: LEARNING EXPERIENCE AND STUDENT REFLECTIONS IN THE HIGH SCHOOL IN BAHRAINI CONTEXT
A. Alzayed Aljalalma

A COMPARISON OF THE VIEWS AND THE EXPECTATIONS OF PARENTS, STUDENTS AND TEACHERS REGARDING DIGITAL TECHNOLOGIES AND THE FORMATION OF DIGITAL LITERACY
L. Parijkova

PROJECT-BASED LEARNING APPROACH AS A TOOL FOR ENSURING KNOWLEDGE AND SKILLS AS A POWER IN LEARNERS
L. Akhvlediani, N. Mazmishvili, T. Dilaverova

EXPLORING THE CONTRIBUTION OF UNIVERSITIES TO LABOUR-MARKET REQUIREMENTS IN SOUTH AFRICA: AN EMPLOYER’S PERSPECTIVE
K. Mobarak

DESIGNING CONTENTS FOR AUGMENTED REALITY LEARNING SYSTEMS: A QUASI-EXPERIMENTAL STUDY
J. Casteleiro-Pitreza

PECULIARITIES OF CULTURAL EDUCATION IN LATVIA: PROGRAMMES, SUBJECTS AND CONCEPTS
A. Romanovska

SOCIAL AGENTS FOR L2 LEARNING
A. Augello, M. Gentile, G. Città, M. Allegra, F. Dignum

ANALYSIS OF THE EFFICACY OF THE INSTRUCTIONAL QUALITY REVIEW PROCESS
M. Lienau, A. Belcher

QUALITY OF EDUCATION PROCESS IN CONTEXT OF FACTORS INFLUENCING ON THE PERFORMANCE OF EDUCATIONAL PUPILS
J. Depešová, M. Ažaitovičová

GETTING EVERYONE ON THE BUS AND IN THE RIGHT SEAT
A. Belcher, A. Rief

PUBLIC HEALTH ENGLAND’S RECOVERY TOOLS: POTENTIAL TEACHING RESOURCES?
A. Peña-Fernández, A. Nisbet, R. Duarte-Davidson, M.C. Lobo-Bedmar, S. Wyke

DEVELOPING THE CRITICAL THINKING SKILLS OF UNDERGRADUATE STUDENTS AT A UK UNIVERSITY – FOUR YEARS OF TEACHING DEVELOPMENTS AND MODULE CHANGE
G. Perkin, S. Bamforth

EFFECTIVE MEASURES FOR KNOWLEDGE ACCUMULATION IN TEACHING DIFFICULT MATHS SUBJECTS IN THE HEALTH SCIENCES
G.R. Miyambu, R.M. Molaba, S.M. Seeletse

EXPERIENCING DESIGN AS RESEARCH AND EDUCATION LINK
N. Baba-Ciosek, A. Ciosek

EDUCATIONAL ROBOTICS PROPOSAL IN EARLY CHILDHOOD EDUCATION TO ENHANCE MATHEMATICAL COMPETENCE ACQUISITION
L. Orcos, N. Aris, A. Magreñán

USE OF FLIP LEARNING TO TEACH GRAPHS THEORY IN HIGHER EDUCATION
L. Orcos, C. Jordán, A. Magreñán

INTRODUCING MEDICAL PARASITOLOGY AT THE UNIVERSITY OF MAKENI, SIERRA LEONE
INTEGRATING SUBJECTS THROUGH PROJECT-BASED LEARNING METHODOLOGIES: A NOVEL ACADEMIC MODEL IN THE DEGREE OF BIOTECHNOLOGY AT UNIVERSIDAD EUROPEA


DOES STREAMING COERCION AFFECT STUDENT PERFORMANCE? A CASE OF MATHEMATICAL SCIENCES-STREAMED STUDENTS INITIALLY APPLYING FOR HEALTH SCIENCES

T. Ramarumo, E.L. Sesale, S.M. Seeletse

OPPORTUNITY DISCOVERY IN FIRMS: DOES UNIVERSITY PLAY A ROLE?

A. Chiesi, B. Bigiardi, F. Galati, A. Petroni

LEARNING OUTCOMES OF REFUGEE CHILDREN IN UGANDA IN THE POST 2015 SUSTAINABLE DEVELOPMENT ERA: EVIDENCE FROM A CITIZEN LED ASSESSMENT

F. Nassereka, I. Sentamu

ADAPTATION OF THE MENTORING PROGRAM APPLIED TO QUALITY CONTROL IN THE COURSE “CLÍNICA INTEGRADA”. INNOVATION IN EDUCATIONAL RESOURCES IN OPEN AND VIRTUAL TEACHING ABOUT CHECKLIST SYSTEMS FOR EVALUATION


MACHINE LEARNING IN HEALTHCARE: A NEED FOR MEDICAL EDUCATION

B. Bigiardi, V. Bellini, E.G. Bigianni, A. Petroni

INTEGRATION OF SDG AND GENERAL SKILLS THROUGH GAMIFICATION


QUALITY CONTROL IN HIGHER EDUCATION LECTURE FACILITATION: THE CASE OF UNDERPREPARED STUDENTS OF STATISTICS

G. Rakale, R.M. Malaba, S.M. Seeletse

IMPROVEMENT OF HEALTH SCIENCES STUDENTS’ PERFORMANCE IN STATISTICS

M. Lekganyane, S.M. Seeletse

LEADERS AND LEADERSHIP PRACTICES: ALL UNIQUE, ALL THE SAME?

I. Cabral, J. Matías Alves, M. Tintoré, R. Serrão Cunha

BIG SCHOOLS, ONE PRINCIPAL…DOES IT WORK?

J. Matías Alves, I. Cabral, M. Tintoré, R. Serrão Cunha

ARTISTS CONNECTION BETWEEN RECYCLING AND ENVIRONMENTAL EDUCATION


TRAINING FOR TEACHERS-AUTHORS OF SELF-INSTRUCTIONAL EDUCATIONAL RESOURCES FOR DISTANCE LEARNING: EXPERIENCE REPORT OF A BRAZILIAN UNIVERSITY


CONSCIOUS SEDATION: BUILDING A COMPETENCE IN THE SPANISH DEGREE OF DENTISTRY

M.I. Vela, L. Giner

CLASSROOM ACTIVITIES IN ACTIVE LEARNING SPACES

T. Vallet-Bellmunt, E. Zubiri-Ferriols, I. Vallet-Bellmunt

THE INFLUENCE OF LEADERSHIP PRACTICES IN A JAPANESE PRIVATE HIGH SCHOOL

M. Douglas

HOW TO ENABLE SOCIAL INNOVATORS FOR POSITIVE SOCIAL CHANGE?

M.L. Silva Flores, M. Ladron de Guevara Jimenez

SEVEN YEARS ON: TECHNOLOGY AND PEDAGOGY, PRE-SERVICE AND PRACTISING TEACHERS LEARNING TOGETHER

J. Macnish

IF IT WERE THAT EASY: FIRST EXPERIENCES OF INTRODUCING A SOCIAL LEARNING PLATFORM IN AN UNDERGRADUATE CS COURSE

M. Meyer, T. Müller
THE RESULTS OF QPCS AS PART OF AN ENTRY GUIDANCE WITH UNIVERSITY STUDENTS. THE EXPERIENCE OF THE SCIENTIFIC DEGREES PLAN (PLS) - CHEMISTRY OF THE UNIVERSITY OF BOLOGNA
D. Melucci, M. Marcuccio, S. Zappoli, C. Boga, L. Silva, E. Strocchi

INTERNSHIP AS A METHOD OF RECRUITMENT AND SELECTION IN KNOWLEDGE-INTENSIVE ORGANIZATIONS IN THE SERVICES SECTOR
C. Leonardis, R.S. Ciocchina, S. Tanasa

CREATIVE SEARCH FOR ARCHITECTURAL SOLUTIONS AS A METHOD OF FORMING DESIGN THINKING OF DESIGN STUDENTS
K. Ieshin, E. Ponomarenko, T. Rusakova, D. Miroshnikova, O. Golubeva

GAMIFICATION 3.0 FOR EMPLOYEES INVOLVEMENT IN THE COMPANY
I. Miciu, A. Miluniec

THE ROLE OF DIGITAL SKILLS IN PR
R.S. Ciocchina, D.M. Cismaru, R.B. Scurtu

DESIGN AND DEVELOPMENT OF A CHEMISTRY VIDEO-GAME FOR HIGH SCHOOL STUDENTS' SELF-EVALUATION. THE EXPERIENCE OF THE SCIENTIFIC DEGREES PLAN (PLS) - CHEMISTRY
D. Melucci, C. Boga, L. Baldini, F. Sansone, E. Strocchi, I. Venturi

IS DESCRIBING LANGUAGE MERE BUTTERFLY COLLECTION? ON EPISTEMOLOGY, STATISTICAL LANGUAGE MODELS, AND CORPUS
M. Uzeda-Garrão

3D AUDIO ONLINE INSTRUCTOR FOR TEACHING BREATHING CONTROL TECHNIQUES DURING PREGNANCY
I. Marin, A. Hanoosh

VIDEO-STORYTELLING AS A PRECURSOR FOR EXPERIENTIAL LEARNING OPPORTUNITIES IN CROSS-CULTURAL SETTINGS
A. Redmon, M. Ortiz

LEARNING ANALYTICS TOOL FOR STUDYING THE CONDITIONS IN ROMANIAN MATERNITY HOSPITALS
I. Marin

SUPPORT OF CRITICAL THINKING BY CONCEPTUAL MAPS FOCUSED ON THE CONCEPT OF ENERGY AT ELEMENTARY SCHOOL
T. Jindrová

SPECIAL EDUCATION TEACHER PREPARATION FOR FAMILY–PROFESSIONAL PARTNERSHIPS IN THE U.S
G. Francis, S. Haines

ADULT EDUCATION IN SPAIN: CHALLENGES AND OPPORTUNITIES
S. Gala Pellicer

VOCATIONAL TRAINING OF SOCIAL WORKERS AS ACQUISITION OF COMPETENCES FOR WORK WITH SPECIAL VULNERABLE VICTIMS OF CRIME
D. Květenská, D. Prokopová

DATA SCIENCE: CHALLENGES AND TRENDS
K. Rasheva-Yordanova, S. Toleva-Stoimenova, D. Christozov

SECONDARY IMMERSION TEACHER DEVELOPMENT AS AN UNFOLDING PROCESS
T. Ó Ceallaigh, M. Ó Laoire, M. Úi Chonghaíle

THE IMPACT OF EDUCATION FUNDING ON THE SOCIOECONOMIC DEVELOPMENT OF REGIONS
V. Soltes, K. Repkova Stofkova

PERCEPTIONS OF INCLUSIVE EDUCATION IN MEXICO CITY: AN EXPLORATORY STUDY
G. Francis, C. Lavín

BIOMECHANICAL MODELING IN MOTION CAPTURE SYSTEMS - MEASUREMENT AND DYNAMICS
K. Baran

MINECRAFT AND MAKECODE ENVIRONMENT
P. Voštiná

3D ONLINE NURSE FOR MANAGING PREGNANCIES
A. Hanoosh, I. Marin

FAKE NEWS IN THE ELECTIONS OF ECUADOR 2019. A JOURNALISTIC EXERCISE FROM THE CLASSROOM
C. Rodríguez-Hidalgo, C. Mier-Sanmartín, G. Coronel-Salas
DISCOVERING THE ART OF IMMERSION PEDAGOGY THROUGH BLOGGING
T. Ó Ceallaigh 10979

CONTENT RECOMMENDER FOR THE COLLECTIVE TEXT EDITOR: A CASE STUDY

ASSESSING ICT ENABLED LEARNING ARTIFACTS THROUGH RUBRICS IN EASTERN INDIA
A. Charrania, S. Nagrale, R. Singh, R. Avadhakam, I. Kaur 10994

POTENTIALS OF SOCIAL NETWORKS AND SOCIAL MEDIA IN RECRUITMENT OF TEACHING PERSONNEL IN SLOVAK EDUCATIONAL INSTITUTIONS
S. Barnová, S. Krásna, G. Gabrhelová 10999

THE INFLUENCE OF LEADERSHIP STYLES OF SCHOOL HEADS ON THE SCHOOL CLIMATE PERCEIVED BY STUDENTS
J. Kołodzieczyk 11005

POSTGRADUATE ACCOUNTING PROGRAMMES AT POLISH UNIVERSITIES
E. Spigarska, J. Kujawski 11010

AFFORDANCES OF SOCIAL MEDIA IN E-LEARNING: HOW SOCIAL INTERFACES CAN STIMULATE THE FEELING OF BELONGING AND PARTICIPATION
D. Paulino da Silva 11019

WELLBEING AS THE BASIS FOR THE CONCEPT OF SCHOOL WORK
J. Kołodzieczyk 11029

VIRTUALIZATION OF TEACHING IN HIGHER EDUCATION: A CLEAR DIVERGENCE BETWEEN STUDENTS’ AND TEACHERS’ VIEWS AND PERCEPTIONS

ORGANIZATION AND MANAGEMENT OF EDUCATION, EDUCATIONAL POLICY AND EVALUATION OF THE INSTITUTION OF GREEK SECONDARY INTERCULTURAL EDUCATION
A. Karamitrou 11044

TRAINING TEACHERS IN STRUCTURED LITERACY
L. Severino 11053

IS IT WORTH FLIPPING THE CLASS IN ENGINEERING COURSES?
G.B. Rodríguez, L.F. Laugero, N.C. Cabo 11057

THE CHEMISTRY BEYOND WHAT ONE SEES WITH EYES: A SET OF LABORATORY PRACTICES
A. Herrero, S. Palmero 11065

CITIZENSCHOOL: SERIOUS GAMING FOR A BETTER EUROPE
J.C. Monteiro, D. O’Reilly, H. Bollaert, P. Possemiers 11072

TEC21 – A NEW EDUCATIONAL MODEL THAT CHALLENGES THE STUDENT: A SMALL APPROACH
A. Mejorado, J. Esparza 11077

VOCATIONAL TRAINING OF SOCIAL WORKERS THROUGH E-LEARNING
D. Květnská, D. Prokopová, K. Myška 11083

SUPPORT TOOLS FOR VISUAL CREATION DURING ACADEMIC STUDIES
A. Miluniec, I. Miciuda 11089

ON THE ROAD WITH THE ERASMUS IP WISDOM PROJECT - IMPROVING AN ONLINE BUSINESS BY APPLYING WEB MINING TECHNIQUES
I. Seruca, J. Dias 11090

EDUCATIONAL POLICY AND INNOVATION OF GREEK SECONDARY INTERCULTURAL EDUCATION: STUDY OF THE GREEK LANGUAGE TEACHING PROGRAMS IN THE CONTEXT OF INTERCULTURAL EDUCATION PROGRAMS
A. Karamitrou 11102

COLLABORATIVE ASPECTS IN AN ELEARNING CLASSROOM
V. Santos, P. Quaresma 11108

THE DIGITAL COMPETENCE ACTIONS FRAMEWORK
M. Perifanou, A. Economides 11109

UNIVERSAL DESIGN FOR LEARNING IN AN INCLUSIVE GEOGRAPHY PROJECT
A. Plutino 11117

52 GAMES WITH THE PERIODIC TABLE AND BEYOND

EDUCATIONAL POLICY AND INNOVATION OF GREEK SECONDARY INTERCULTURAL EDUCATION: STUDY OF THE GREEK LANGUAGE TEACHING PROGRAMS IN THE CONTEXT OF INTERCULTURAL EDUCATION PROGRAMS
A. Karamitrou 11127

MOTIVATION FACTORS TO THE USE OF FUTURELEARN ONLINE COURSES
N. Shlenskaya, T. Laguttseva-Nogina, N. Merzlíkina, S. Vilchinskiy 11130
INFLUENCE OF SCHOOL HEADS LEADERSHIP ON SCHOOL BULLYING
J. Kołodziejczyk

AN INSTRUMENT FOR THE DIGITAL COMPETENCE ACTIONS FRAMEWORK
M. Perifanou, A. Economides

APPLICATION OF DIGITAL TECHNOLOGIES AS A FACTOR INFLUENCING UNIVERSITY STUDENTS’ ACADEMIC SATISFACTION
S. Barnová, S. Krásna, G. Gabrhelová

DEVELOPMENT OF INFORMATION COMPETENCES TO USE INTERNET RESOURCES – SUBJECT AND GOAL OF UNIVERSITY EDUCATION, UNIVERSITY AS A SPACE FOR COMPETENT DEVELOPMENT OF KNOWLEDGE OF THE TRUTH
K. Cymanow-Sosin, K. Drag, M. Drożdż

E-LEARNING RECOMMENDATION SYSTEM BASED ON SEMANTIC WEB TECHNIQUES FOR STUDENTS WITH LEARNING DISABILITIES
H. El Fazazi, M. Qbadou, K. Mansouri

FINANCIAL SUPPORT OF THE RESEARCH TO PROMOTE THE SUSTAINABILITY OF THE COA VALLEY
R. Abreu, J. Legecevic, L. Segura

ANALYSIS OF THE ROLE OF BUSINESS INCUBATORS IN THE ENTREPRENEURIAL ECOSYSTEM: THE CASE OF THE UNITED STATES AND SPAIN
A.B. Alonso-Conde, S. Rentas, J. Rojo-Suarez

HOW CONSERVATION COURSES SERVE FOR TOURISM INDUSTRY
P. Paksoy Çavuşoğlu

STRATEGIES FOR SUPPORTING MATHEMATICS IN ENGINEERING
E. Bigotte, V. Santos

BODY, CULTURE AND EDUCATION: DANCE AS A CURRICULAR GAME MATERIAL AND FORMATION TOOL FOR PEACE
R.F. Quintana Arias

PERSONALIZED LEARNING PATH RECOMMENDATION BASED ON LEARNING ACTIVITIES FOR SPECIFIC STUDENTS’ NEEDS
H. El Fazazi, M. Qbadou, K. Mansouri

NEXTGENU.ORG: THE FIRST GLOBALLY FREE DEGREE
E. Frank, K. Tairyan

THE EDUCATIONAL PHILOSOPHY BEHIND THE LEARNING EXHIBITION AREA IN THE COLLEGE OF DESIGN AJMAN UNIVERSITY
G. Elsayed Ali Elsamanoudy

OCCUPATIONAL SAFETY FOR THE EDUCATIONAL LECTURE HALLS’ INTERIORS
N. Sani Abdelaziz

ICT FOR ESP. TEACHING SPECIALIZED VOCABULARY USING MODERN TECHNOLOGY
A. Pavel

WHAT’S TIME GOT TO DO WITH IT? THE RELATIONSHIP BETWEEN STUDENT ENGAGEMENT WITH COURSE CONTENT AND FINAL GRADE
J. Prince

FIRST-YEAR EXPERIENCE: LIFE AND CAREER PLANNING (LCP) CULTURE USING INDUSTRIAL ENGINEERING CHALLENGES
M.I. Ruiz-Cantisani

THE IMPORTANCE OF INTRODUCING ELECTRONIC ADMINISTRATION IN THE TRAINING OF PUBLIC ADMINISTRATORS: EXPERIENCES IN THE DEGREE OF PUBLIC MANAGEMENT AND ADMINISTRATION OF THE UNIVERSITY JAUME I
O. Coltell, P. Boronat, M. Oller

EDUCOMMUNICATION AS A LINK TO A CULTURE OF PEACE
C. Mier-Sanmartín, G. Moreira Aguirre, G. Coronel-Salas

INTERACTIVE SIMULATIONS IN TEACHING CONFIDENCE INTERVALS AND STATISTICAL HYPOTHESIS TESTING WITH EXCEL
R.D. Santiago Acosta, E.M. Hernández Cooper, S.R. Morales Vargas, F. Yescas Martínez

THE "STUDY AND RESEARCH" PROGRAM OF THE JAUME I UNIVERSITY: DESCRIPTION OF THE PROGRAM AND EXPERIENCES IN STUDENT MENTORING
O. Coltell, I. Usó

COMPLEX VARIABLE CALCULUS THROUGH GRAPHICAL INTERACTIVE UNITS
R.D. Santiago Acosta, E.M. Hernández Cooper, R. Martínez Martínez, S.R. Morales Vargas
THE USE OF VIRTUAL REALITY (VR) TECHNOLOGY IN ACCOUNTING EDUCATION
J. Zou

AN INNOVATIVE EDUCATIONAL ENVIRONMENT BASED ON VIRTUAL REALITY AND GAMIFICATION FOR LEARNING STEM ENTREPRENEURSHIP
F. Grivokostopoulou, I. Perikos, K. Kovas, I. Hatzilygeroudis

USE OF INTERACTIVE WHITEBOARD IN PRE-PRIMARY EDUCATION FOR DEVELOPMENT OF MEDIA LITERACY
E. Gasparova, E. Severini, K. Kostolanyova

OPINIONS AND ATTITUDES OF PRE-PRIMARY EDUCATION TEACHERS AND PRE-SERVICE TEACHERS ON USING AUGMENTED REALITY
D. Liskova, B. Kozik Lehotayova, K. Kostolanyova, E. Gasparova

ANALYSIS OF DEPENDENCES BETWEEN UTILIZATION OF MOBILE TECHNOLOGIES IN MATH EDUCATION AND STUDENTS’ TECHNICAL BACKGROUNDS
L. Korenova, K. Kostolanyova, P. Ostradicky

PERCEPTIONS AND SATISFACTION OF HIGH SCHOOL LEARNERS AND THEIR TEACHERS ATTENDING OPEN DAY AT A SOUTH AFRICAN HEALTH SCIENCES UNIVERSITY
D. Tshabalala, S.M. Seeletse

DEVELOPING A VIRTUAL REALITY EDUCATIONAL ENVIRONMENT FOR TRAFFIC EDUCATION
I. Chatzizisis, I. Perikos, K. Kovas, F. Grivokostopoulou, I. Hatzilygeroudis

EDUCATIONAL TRANSLATION PRACTICE OF STUDENTS AT NON-LINGUISTIC FACULTIES ENROLLED IN THE PROGRAM "TRANSLATOR IN THE FIELD OF PROFESSIONAL COMMUNICATION": PROBLEMS AND SOLUTIONS
I. Meshkova, O. Sheremetieva, L. Spynu

NEW TRENDS IN EDUCATION: THE USE OF ICT IN DIFFERENT WAYS
P. Tadeu, C. Brigas, I. García-Martínez, J.M. Fernández Batanero

WHEN AUTOMATIC FEEDBACK IS NOT GOOD ENOUGH
S. Rebholz, W. Müller

ENTREPRENEURIAL COMPETENCIES AND INTENTIONS: THE INFLUENCE OF ENTERPRISE EDUCATION
M. Solesvik

USING TOOLS OF DYNAMIC GEOMETRY TO ENHANCE CONCEPTUALIZATION OF THE RATE OF CHANGE
E. Avgerinos, D. Remoundou

AS A MATTER OF FACT. SUPPORT MATERIAL FOR THE TEACHER’S WORK IN THE CLASSROOM
G. Irazoque-Palazuelos, A. López-Carrillo

APPLICATION OF A TEACHING-LEARNING SEQUENCE ON THE THINNING OF THE OZONE LAYER TO A GROUP OF UPPER-MIDDLE-LEVEL MEXICAN STUDENTS
R. Coló-Andrade, G. Irazoque-Palazuelos

INTEGRATING RESEARCH AND EDUCATION: LEARNING TOGETHER WITH COMPANIES
J. Horelli

PERSONALIZED LEARNING, A RESPONSE TO THE DISCOURAGEMENT OF STUDENTS TO LEARN

AN APPROACH TO RESEARCH IN HIGHER EDUCATION INSTITUTIONS THROUGH OPEN EDUCATIONAL RESOURCES

THE EFFECTS OF HIGHER EDUCATION ON THE DEVELOPMENT OF THE CLUSTERS SPECIALIZED ON FOOD TAKING INTO ACCOUNT ENERGY AND WATER RESOURCES
G. Sart

TUNING STUDENTS IDEAS IN UX DESIGN COURSE
E. Kovatcheva

FUTURE SCENARIOS FOR TEACHING AND LEARNING: DEVELOPING STUDENT CAPABILITIES IN THE ERA OF POST TRUTH AND FAKE NEWS
C. McLoughlin

THE MAKING OF TUTORIAL VIDEOS AS A LEARNING STRATEGY IN DISTANCE EDUCATION MODELS
N.P. Maldonado Reynoso, A.J. Rodríguez Aguirre
ANALYSIS OF THE EDUCATIONAL MODEL IN THE DISTANCE MODALITY AT THE POSTGRADUATE LEVEL. CASE STUDY: NATIONAL POLYTECHNIC INSTITUTE (CIECAS)
N.P. Maldonado Reynoso

(Self-)ASSESSMENT OF IMPORTANCE OF PRIMARY FORM PEDAGOGUES’ MANAGERIAL COMPETENCES
R. Bilbokaitė, M. Kravule-Paulišči, I. Bilbokaitė-Skiuautierienė, I. Šareikaitė

A SPORTY WAY TO TEACH THE METHODOLOGY OF RESEARCH FOR STUDENTS IN COMMUNICATION ENGINEERING
H. Woellliik, O. Burukina

EARLY YEARS PHYSICS – TEACHING WITH DIGITAL SUPPORT
A. Redfors

TEACHING OF PRAGMATICS THROUGH THE USE OF CROSS-CULTURAL ACTIVITIES: EXPLORING THE WAYS IN WHICH WEB-BASED RESOURCES CAN BE USED FOR INTEGRATING NOT JUST FOREIGN LANGUAGE BUT ALSO INTERNATIONAL SKILLS
M. Dzakula

ALIGNING TECHNICAL PROGRAMS WITH INDUSTRY DEMAND IN EMERGING OCCUPATIONS
J. Malyn-Smith

CULTURAL VALUES AS REFLECTED IN ESL TEXTBOOKS
E. Antonova

EXPECTATIONS OF EDUCATION EXPERTS IN RELATION TO STEAM DEVELOPMENT
R. Bilbokaitė, I. Bilbokaitė-Skiuautierienė, V. Šlekienė

ECONOMIC ANALYSIS OF UNIVERSITY EDUCATION: AGE STRUCTURE AND ECONOMIC DEVELOPMENT
N. Larionova, J. Kolesnikova, J. Varlamova

COLOR-CODING AFFECT ON WRITING INSTRUCTION FOR STUDENTS WITH LEARNING DIFFICULTIES
C. Maldonado-Otto, C. Ormsbee

(NON)VIOLENCE AND COMMunist EDUCATION- AN ANALYSE OF ROMANIAN HISTORY TEXTBOOKS
C. Alexandrache

FREE TIME ACTIVITIES AS THE MOTIVATION FACTOR IN VOCATIONAL TRAINING
K. Mls

BLOG AS A MEANS OF DIGITAL COMPETENCES FORMATION IN UNIVERSITY STUDENTS
E. Yaroslavova, O. Belkina, V. Kosterin

USE OF MOBILE DEVICES IN THE TEACHING-LEARNING PROCESS OF EXPERIMENTAL SCIENCE PEDAGOGY

ADAPTING TO HIGHER EDUCATION IN A NEW CULTURE: INTERNATIONAL STUDENTS’ DIFFICULTIES
O. Belkina, S. Kolova, E. Yaroslavova

USING GOOGLE CLASSROOM AND YOUTUBE TO TRAIN HIGHER EDUCATION STUDENTS ON PUBLIC SPEAKING PERFORMANCE
K. Mejía, J.R. Maradiaga

HOW TO LIVE AND LEARN TOGETHER: LANGUAGE AND CULTURE OF THE US-POLAND COLLABORATION
N. Tcherepashenets

TRANSDISCIPLINARY CROSS-SECTORAL COMPETENCY-BASED ACADEMIC CURRICULUM DESIGN OF SPEECH LANGUAGE THERAPY (LOGOPEDICS) STUDY PROGRAM INCLUDING SUPERVISED RESEARCH- AND EVIDENCE-BASED ACTIVITIES
K. Vitásková

RUSSIAN-CHINESE COOPERATION IN EDUCATION IN THE CONTEXT OF EURASIAN ECONOMIC UNION AND SHANGHAI COOPERATION ORGANIZATION
N.P. Parkhitko, E. Martynenko, K.P. Kurylenko, V.A. Glebov

INTERCULTURAL SOCIALIZATION OF THE ACADEMIC STAFF: INTERNATIONALIZATION IN ACTION
I. Kotlyarova, K. Volchenkov, Y. Seriyapina, G. Grevtseva, M. Balikarova
INTERDISCIPLINARY ASSIGNMENTS FOR TRAINING ENGINEERS FOR HIGH-TECH INDUSTRIES  
I. Kotlyarova, K. Volkchenkova, A. Chuvashova, Y. Semenova  
11499

A CASE STUDY ON TWO TYPES OF SCIENTIFIC INQUIRY IN SOUTH AFRICAN CLASSROOMS  
U. Ramnarain  
11503

SOUTH AFRICAN GRADE 9 NATURAL SCIENCES LEARNERS’ EXPERIENCES OF DOING A SCIENCE EXPO INQUIRY  
U. Ramnarain  
11508

THE PERCEIVED LEADERSHIP CHALLENGES IN EDUCATION IN QATAR AND ITS MANAGEMENT TECHNIQUES  
A. Kilani, A. Al-Qteishat, A. Al-Zubaidi, O. Sawalha  
11512

PROJECT AS AN UMBRELLA TO MOLD PROFESSIONAL COMPETENCIES IN FOREIGN LANGUAGE FOR SPECIFIC PURPOSES COURSE  
L. Ovinova, V. Kolmakova, E. Shraiber, I. Kolegova  
11513

THE ROLE OF A GAME IN DEVELOPMENT OF A CHILD WITH AUTISM  
E. Młynarczyk-Karabin  
11518

IMPLEMENTATION OF THE CLIL METHODOLOGY IN THE FRAMEWORK OF THE POLYCULTURAL EDUCATION  
S. Suvorova, T. Khilchenko  
11524

EDUCATION AS A SOFT POWER TOOL: SAUDI’S APPROACH AS PUBLIC DIPLOMACY  
A.N. Alzubaidi, S. Toubaei, M. Hatamdeh  
11529

SOUND ART: EDUCATIONAL POSSIBILITIES IN ENVIRONMENTAL, CIVIC AND SUSTAINABLE EDUCATION  
R. Silleras-Aguilar  
11537

SOUND ART AS A FACILITATOR FOR THE DEVELOPMENT OF THE 21ST CENTURY SKILLS: A PRACTICAL EXAMPLE  
R. Silleras-Aguilar  
11547

INTERCULTURAL COMMUNICATION IN TEACHING RUSSIAN AS A FOREIGN LANGUAGE TO CHINESE AND VIETNAMESE STUDENTS  
N. Antonova, I. Arsenyeva  
11558

AN APPROACH TO SCHOOL LIFE FROM THE VOICES OF CHILDREN IN EARLY CHILDHOOD EDUCATION  
R. Vázquez Recio, P. Ortega Aguilar, D. Traverse Macás, M. López-Gil, G. Calvo-García, S. Sánchez Alex  
11565

DOCTORAL EDUCATION AND THE CURRICULUM ISSUES  
I.C. Ribau Coutinho  
11570

MULTICULTURAL EDUCATION THROUGH MULTICULTURAL SOUNDS OF ISTANBUL  
U. Topcu, C. Topcu  
11578

REALITY – THEORETICAL MODELS – MATHEMATICS IN PHYSICS TEACHING  
A. Redfors  
11585

COMMUNITY MOBILIZATION: A FRAMEWORK FOR THE IMPLEMENTATION OF THE WRAPAROUND APPROACH FOR CHILDREN AND YOUTH AT RISK  
N. Bartlett  
11586

THE IMPACT OF PROFESSIONAL DEVELOPMENT IN (TIMSS) ON MATHEMATICS TEACHERS IN KSA  
M. Alatawi, T. McCloughlin  
11591

THE TANDEM APP ROLE IN THE INFORMAL LEARNING OF ITALIAN LANGUAGE AMONG RUSSIAN SPEAKING STUDENTS  
A. Carluccio, I. Rubakova  
11596

WORK ENVIRONMENT AND JOB SATISFACTION OF THE ACADEMIC STAFF IN THE HIGHER EDUCATION  
I. Kacane, A. Fedorova, O. Koropets, E. Bartoli  
11604

NON-MONETARY REWARDS AND TEACHERS’ PERFORMANCE: EXPERIENCES FROM UGANDA  
S. Kasozi-Mulindwa, R. Mivule Musoke  
11612

IMPLEMENTATION OF LOW-COST VR SYSTEMS IN IMMERSION EDUCATION AND THEMATIC TRAINING  
K. Baran  
11613
<table>
<thead>
<tr>
<th>Title</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>SUBJECTS “ICT IN EDUCATION” IN TEACHER TRAINING STUDY PROGRAMS AT U</td>
<td>11621</td>
</tr>
<tr>
<td>NIVERSITIES</td>
<td></td>
</tr>
<tr>
<td>TOWARDS GREATER EMPHASIS ON VOCATIONAL AND E-LEARNING</td>
<td>11630</td>
</tr>
<tr>
<td>ORIENTATION OF THE UNIVERSITY EDUCATION: VEL HE 4.0</td>
<td></td>
</tr>
<tr>
<td>MALAYSIAN ENGINEERING STUDENTS’ PERCEPTIONS OF JAPANESE LANGUAGE</td>
<td>11631</td>
</tr>
<tr>
<td>COURSE MOTIVATIONAL MATERIALS IN SELF-DIRECTED INSTRUCTIONAL</td>
<td></td>
</tr>
<tr>
<td>SETTING AND BLENDED LEARNING ENVIRONMENT</td>
<td></td>
</tr>
<tr>
<td>ANALYSIS OF CURRENT CHANGES REGARDING HEAD TEACHERS’ ROLE AND</td>
<td>11632</td>
</tr>
<tr>
<td>POSITION IN SLOVAKIA</td>
<td></td>
</tr>
<tr>
<td>A. Hašková</td>
<td></td>
</tr>
<tr>
<td>DESIGN AND BUILD OF A PLANT GROWTH CHAMBER</td>
<td>11640</td>
</tr>
<tr>
<td>P. Wójcicki</td>
<td></td>
</tr>
<tr>
<td>THE ROLE OF SOCIAL MEDIA IN FOSTERING EDUCATION TECHNIQUES AND</td>
<td>11645</td>
</tr>
<tr>
<td>LIMITING THE FLOW OF INFORMATION</td>
<td></td>
</tr>
<tr>
<td>A. Kilani, A. Borkhsenius</td>
<td></td>
</tr>
<tr>
<td>PERCEIVED LEADERSHIP CHALLENGES IN SAUDI EDUCATION AND ITS</td>
<td>11650</td>
</tr>
<tr>
<td>MANAGEMENT TECHNIQUES</td>
<td></td>
</tr>
<tr>
<td>A.N. Alzubaidi, A.H. Othman, S. Toubasi</td>
<td></td>
</tr>
<tr>
<td>DIGITAL LEARNING IN TEACHER EDUCATION: IMPLICATIONS FOR TEACHING</td>
<td>11662</td>
</tr>
<tr>
<td>AND LEARNING IN THE 21ST CENTURY</td>
<td></td>
</tr>
<tr>
<td>N. Tyiřo</td>
<td></td>
</tr>
<tr>
<td>DEVELOPMENT OF SOCIAL AND EMOTIONAL SKILLS IN PRIMARY SCHOOL</td>
<td>11668</td>
</tr>
<tr>
<td>EDUCATION: DELVING INTO THE ISSUES OF THE PRIMARY PREVENTION OF THE</td>
<td></td>
</tr>
<tr>
<td>SYNDROME CAN</td>
<td></td>
</tr>
<tr>
<td>L. Schetlahauerová</td>
<td></td>
</tr>
<tr>
<td>WHAT PERCENTAGE OF TEXT SIMILARITY IS EVIDENCE OF PLAGIARISM?</td>
<td>11676</td>
</tr>
<tr>
<td>E. Johansson Salazar-Sandoval</td>
<td></td>
</tr>
<tr>
<td>PRODUCING INNOVATIVE AND AWARD-WINNING FOREIGN LANGUAGE</td>
<td>11677</td>
</tr>
<tr>
<td>TEACHING AND LEARNING MATERIALS: THE JOURNEY OF THE UNIVERSITI</td>
<td></td>
</tr>
<tr>
<td>MALAYSIA PAHANG PRESS, ITS ACHIEVEMENTS AND CHALLENGES</td>
<td></td>
</tr>
<tr>
<td>M.A. Shukri, M.I. Mohd Hassan, Z. Mohd Ali</td>
<td></td>
</tr>
<tr>
<td>THE EVOLUTION OF PROFESSIONAL TRAJECTORIES OF TEACHERS AT KINDERGART</td>
<td>11678</td>
</tr>
<tr>
<td>ENS AND PRIMARY SCHOOLS</td>
<td></td>
</tr>
<tr>
<td>B. Deutschrová, A. Wiegerová</td>
<td></td>
</tr>
<tr>
<td>ELDERLY FOSTER PARENTS AND PARENTAL SCHOOL INVOLVEMENT</td>
<td>11682</td>
</tr>
<tr>
<td>B. Plíšková</td>
<td></td>
</tr>
<tr>
<td>HOSPITAL PRESCHOOL TEACHERS IN THE CZECH REPUBLIC</td>
<td>11687</td>
</tr>
<tr>
<td>B. Plíšková, P. Jurčenková, M. Kolinská Koutníková</td>
<td></td>
</tr>
<tr>
<td>RESEARCH PAPER- BLENDED LEARNING- FOUR CASES OF STUDY</td>
<td>11692</td>
</tr>
<tr>
<td>S. Alhosani</td>
<td></td>
</tr>
<tr>
<td>HEALTHY DOC=HEALTHY PATIENT</td>
<td>11697</td>
</tr>
<tr>
<td>E. Frank</td>
<td></td>
</tr>
<tr>
<td>HOW COME WE DON'T LET OUR KIDS DO ANY OF THE FUN STUFF WE DID?</td>
<td>11700</td>
</tr>
<tr>
<td>L. Skenazy</td>
<td></td>
</tr>
<tr>
<td>THE JOY OF SEARCH: AUGMENTING INTELLIGENCE BY TEACHING PEOPLE HOW TO</td>
<td>11701</td>
</tr>
<tr>
<td>SEARCH</td>
<td></td>
</tr>
<tr>
<td>D. Russell</td>
<td></td>
</tr>
<tr>
<td>THE USE OF FACEBOOK AND LMS MOODLE IN UNIVERSITY EDUCATION</td>
<td>11702</td>
</tr>
<tr>
<td>M. Šebo, J. Depešová</td>
<td></td>
</tr>
<tr>
<td>INNOVATION IN THE TEACHING OF INFORMATIVE COMPANY THROUGH STORIES</td>
<td>11709</td>
</tr>
<tr>
<td>A. Suing, K. Ordóñez, J. Yaguache</td>
<td></td>
</tr>
<tr>
<td>IMPACT OF TRAINING PROCESSES IN PEDAGOGICAL RESEARCH IN THE LAST</td>
<td>11710</td>
</tr>
<tr>
<td>SEMESTER OF BACHELOR’S DEGREE IN EARLY CHILDHOOD EDUCATION OFFERED</td>
<td></td>
</tr>
<tr>
<td>IN BOGOTÁ D.C</td>
<td></td>
</tr>
<tr>
<td>C. Aguirre León, L. García Noguera, E. Rodríguez Amórtegui</td>
<td></td>
</tr>
<tr>
<td>THE PEDAGOGIC NEXUS OF SAUDI ARABIAN’ SCHOOLS AND COMMUNICATIVE</td>
<td>11711</td>
</tr>
<tr>
<td>LANGUAGE TEACHING</td>
<td></td>
</tr>
<tr>
<td>A. Alharbi</td>
<td></td>
</tr>
</tbody>
</table>