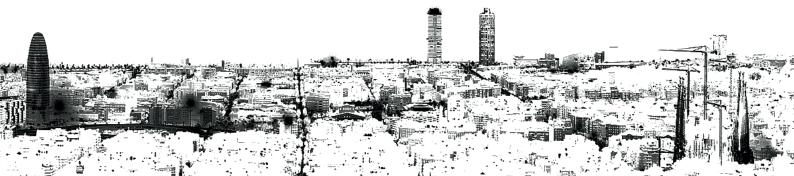# EDULEARN 14

6TH INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES

BARCELONA (SPAIN)
7TH - 9TH OF JULY, 2014

CONFERENCE PROCEEDINGS

EDULEARN 14

14

CONFERENCE PROCEEDINGS

EDULEARN14 Proceedings
6th International Conference on Education and New Learning Technologies
July 7th-9th, 2014 — Barcelona, Spain

Edited by
L. Gómez Chova, A. López Martínez, I. Candel Torres
IATED Academy

Book cover designed by
J.L. Bernat

WELCOME INTRODUCTION

Dear EDULEARN14 participants,

It is truly a pleasure to welcome you all to EDULEARN14.

Today, we have the privilege of bringing together participants from more than 80 different countries. This will provide a platform for you to network with other colleagues and learn from diverse views in the field of education and e-learning. In one single place, you will be able to listen to delegates from all over the world, establish new partnerships and present your projects in a multicultural atmosphere.

During this conference, many different educational topics will be addressed by international experts. We encourage you to get the most out of this occasion and to discover some of the latest educational innovations that will be presented in the conference sessions.

Also, make sure to take some time to discover the wonderful city of Barcelona, its cultural offer, sandy beaches and local gastronomy. Without doubt, Barcelona will be the best complement to your conference experience.

Thank you for coming to EDULEARN14 and for contributing with your valuable experiences.

EDULEARN14 Organising Committee

EDULEARN14 COMMITTEE AND ADVISORY BOARD

Aaron Doering	UNITED STATES	Jose F. Cabeza	SPAIN
Agustín López	SPAIN	Jose Luis Bernat	SPAIN
Ahmad Hammoud	LEBANON	Joy Kutaka-Kennedy	UNITED STATES
Ahmad Shatila	LEBANON	Kalaimagal Ramakrishnan	MALAYSIA
Amparo Girós	SPAIN	Karen Roland	CANADA
Ana Tomás	SPAIN	Laura Bordi	FINLAND
Andrea Dominguez	UNITED STATES	Leo Ricciardi	UNITED STATES
Anita Habók	HUNGARY	Liisa Uusimaki	SWEDEN
Annemarie Westendorp	NETHERLANDS	Lorena López	SPAIN
Antonio García	SPAIN	Luis Gómez Chova	SPAIN
Barry Phillips	UNITED KINGDOM	Mª Jesús Suesta	SPAIN
Benedikt Salzbrunn	AUSTRIA	Manuela Repetto	ITALY
Bernadette Byrne	UNITED KINGDOM	Maria de Nazaré Ribeiro	BRAZIL
Celeste Varum	PORTUGAL	Maria Fabregas Janeiro	UNITED STATES / MEXICO
Celia MacDonnell	UNITED STATES	Maria Porcel	SPAIN
Charles Elkabas	CANADA	Maria Schwarz-Woelzl	AUSTRIA
Chelo González	SPAIN	Maria Susy Rogers	UNITED KINGDOM
Christine Besnard	CANADA	Mary Michele Baron	CANADA
Clive Young	UNITED KINGDOM	Mauricio Novoa	AUSTRALIA
Cristiano Luchetti	UNITED ARAB EMIRATES	Mdutshekelwa Ndlovu	SOUTH AFRICA
Cristina Lozano	SPAIN	Mónica Fernández	SPAIN
Cristina Sayuri Côrtes Ouchi	BRAZIL	Monica Roose-van Duijn	NETHERLANDS
Daria Cantù	ITALY	Nadezda Rika	LATVIA
David Martí	SPAIN	Noel Powell	SOUTH AFRICA
David Webster	UNITED KINGDOM	Norma Barrachina	SPAIN
Denise Hope	AUSTRALIA	Olga Burukina	RUSSIAN FEDERATION
Douglas Baleshta	CANADA	Olga Teruel	SPAIN
Eeva Kuoppala	FINLAND	Olivier Marty	FRANCE
Eladio Duque	SPAIN	Paolo Somigli	ITALY
Elena Ors	SPAIN	Patricia Reynolds	UNITED STATES
Elham Arabi	SINGAPORE	Peggy (Margaret) Burrows	NEW ZEALAND
Evridiki Zachopoulou	GREECE	Peter Haber	AUSTRIA
Gary Tse	HONG KONG	Peter Willmot	UNITED KINGDOM
Grace Hoi Yee Wong	HONG KONG	Petr Sudicky	CZECH REPUBLIC
Ida Cortoni	ITALY	Rahimah Embong	MALAYSIA
Ignacio Ballester	SPAIN	Richard Alo	UNITED STATES
Ignacio Candel	SPAIN	Rosa Karnita	UNITED KINGDOM
Irina Khoutyz	RUSSIAN FEDERATION	Sergio Pérez	SPAIN
Irina Pervova	RUSSIAN FEDERATION	Shani Hartley	AUSTRALIA
Ismael Serrano	SPAIN	Sindy Riebeck	GERMANY
Iván Martínez	SPAIN	Thomas Richter	GERMANY
Javier Domenech	SPAIN	Todd Carney	UNITED STATES
Javier Martí	SPAIN	Vassilis Argyropoulos	GREECE
Joanna Lees	FRANCE	Victor Fester	NEW ZEALAND
Joanne Davies	QATAR	Xavier Lefranc	FRANCE
John Polesel	AUSTRALIA	Zvi Koren	ISRAEL

CONFERENCE SESSIONS

ORAL SESSIONS, 7th July 2014.

Learning Management Systems (LMS)
Open Educational Resources
Meet the Keynote
m-Learning Technologies for Education
Intercultural Issues in International Cooperation
Experiences in Primary and Secondary Education
Language Learning Innovations (1)
Diversity Issues

Intelligent Tutoring Systems (ITS)
Educational Software (1)
Pre-service and In-service Teacher Experiences (1)
Videos for Learning
University-Industry Cooperation
Emerging Technologies in Primary and Secondary Education (1)
Language Learning Technology (1)
Links between Education and Research

Technology-Enhanced Learning (1)
MOOCS: Massive Open Online Courses (1)
Pre-service and In-service Teacher Experiences (2)
e-Learning Projects and Experiences (1)
Training Educational Staff
STEM Experiences in Primary and Secondary Education
Language Learning Technology (2)
Experiences in Engineering Education (1)

Technology-Enhanced Learning (2)
MOOCS: Massive Open Online Courses (2)
Evaluation & Assessment of Student Learning
Learning Experiences in Higher and Further Education
Collaborative and Problem-based Learning
Experiences in Special Education
Language Learning Innovations (2)
Experiences in Engineering Education (2)

POSTER SESSIONS, 7th July 2014.

Learning Experiences in Education

Technology in Education and Educational Software

ORAL SESSIONS, 8th July 2014.

Emerging Technologies in STEM education
Educational Software (2)
Virtual Learning Environments (VLEs)
Web 2.0 and Social Networking (1)
International Cooperation Experiences
Experiences in Health & Life Sc. Education (1)
Innovations in Foreign Language Education
Pedagogical Innovations and Teaching Practices

Emerging Technologies in Education
Educational Multimedia and Hypermedia
e-Assessment
Web 2.0 and Social Networking (2)
Entrepreneurship and Employability Education
Experiences in Health & Life Sc. Education (2)
Language Learning Technology (3)
Pedagogical Innovations in Business & Management

Mobile and Tablet Technologies (1)
Game-based Learning
Online Assessment
Flipped Classroom
Curriculum Design and Development
Pedagogical and Technological Innovations in Education
Language Learning in Primary and Secondary Education
Experiences in Business & Management Education

Mobile and Tablet Technologies (2)
e-Learning Projects and Experiences (2)
Quality Assurance and Assessment of Student Learning
Distance Learning
Experiences in Research
Pedagogical Innovations in Learning and Teaching Methodologies
Emerging Technologies in Primary and Secondary Education (2)
Educational Management

Technology-Enhanced Learning (3)
e-Learning Projects and Experiences (3)
Quality Assurance / Standards and Accreditation
Enhancing the Learning Experience
STEM Education
Experiences in Education
Learning Experiences in Primary and Secondary Education
Global, Social and Legal Issues in Education

POSTER SESSIONS, 8th July 2014.

Pedagogical Innovations and Experiences

New Challenges in Education and Research

VIRTUAL SESSIONS

Academic Research Projects
Barriers to Learning and Diversity Issues
Blended and Distance Learning
Career Development and Training
Computer Supported Collaborative Work
Curriculum Design and Development
E-content Management and Development
e-Learning Projects and Experiences
Education, Development and Globalization
Educational Management
Educational Software & Serious Games
Educational Trends and Best Practice Contributions
Emerging Technologies in Education
Enhancing Learning and the Undergraduate Experience
Evaluation and Assessment of Student Learning
Experiences in Research
International Projects
Learning and Teaching Methodologies
Learning Experiences in Higher and Further Education
Learning Experiences in Primary and Secondary Education
Links between Education and Research
New Learning/Teaching Models
Pedagogical Innovations in Education
Pre-service and In-service Teacher Experiences
Quality Assurance/Standards and Accreditation
Special Education
Student Support in Education
Technology-Enhanced Learning
The Bologna Declaration and ECTS Experiences