EDULEARN09

International Conference on Education and New Learning Technologies

Barcelona (Spain) - 6th-8th July, 2009

CONFERENCE PROGRAMME
INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES

BARCELONA (SPAIN) - 6TH-8TH JULY, 2009

CONFERENCE PROGRAMME
WELCOME INTRODUCTION

Dear EDULEARN09 attendants,

After a hard year of organisation, it is an honour to welcome you to EDULEARN09, a multicultural forum where you will be able to share your experiences in the area of education and new learning technologies.

EDULEARN09 has the pleasure to count with more than 450 delegates from 66 countries. This fact alone will ensure the richness of the contributions and will surely create a unique, varied and friendly atmosphere.

The objective of this conference is to provide you with an opportunity to exchange ideas and results, to discover new trends in education, to collaborate on technological projects, to discuss about new learning methods and many other topics that will arise from the contents of this conference.

In addition to this professional experience, Barcelona will offer you very attractive things to do during your stay. Its places of interest such as its historical centre, architecture, cultural heritage and natural surroundings will make your visit unforgettable.

Thank you very much for coming to EDULEARN09. We hope that you remember this conference for years to come as a fruitful international experience.

Thank you for attending EDULEARN09. We hope you enjoy your time with us!

EDULEARN09 Organising Committee
MONDAY, 6th JULY 2009

08:00-09:00    Registration Desk (Mezzanine Hall)
09:00-09:45    Welcome Speech (Room Tarragona+Girona)
09:45-10:15    Welcome Coffee (Cataluña and Mediterraneo Halls)
10:15-13:30    Parallel Sessions / Morning Poster Session
13:30-14:45    Lunch Buffet (Room Tarragona+Girona)
14:45-16:45    Parallel Sessions / Afternoon Poster Session
16:45-17:15    Coffee Break (Mezzanine Hall)
17:15-19:00    Parallel Sessions / Afternoon Poster Session

TUESDAY, 7th JULY 2009

08:30-10:30    Parallel Sessions / Morning Poster Session
10:30-11:00    Coffee Break (Mezzanine Hall)
11:00-13:30    Parallel Sessions / Morning Poster Session
13:30-14:45    Lunch Cocktail (Room Tarragona+Girona)
14:45-16:45    Parallel Sessions / Afternoon Poster Session
16:45-17:15    Coffee Break (Mezzanine Hall)
17:15-19:00    Parallel Sessions / Afternoon Poster Session
19:00-20:00    Closing Honour Wine (Garden)

WEDNESDAY, 8th JULY 2009

Optional sightseeing tour to Barcelona (Information at the reception desk)
### Overview: Monday, 6th July 2009

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<th>Room: Barcelona</th>
<th>Room: Tibidabo</th>
<th>Room: Milá</th>
<th>Room: Montjuic</th>
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<td>Experiences in Education: Educational Trends and Best Practice Contributions (1)</td>
<td>Experiences in Education: Curriculum Design and Quality Assurance</td>
<td>E-Learning: E-learning Projects and Experiences (1)</td>
<td>Emerging Technologies in Education (1)</td>
<td>International projects (1)</td>
<td>Primary/Secondary Education: Experiences and Pedagogical Innovations (1)</td>
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<td>Experiences in Education: Educational Trends and Best Practice Contributions (2)</td>
<td>European Higher Education Area: The Bologna Declaration and ECTS Experiences</td>
<td>E-Learning: Training, Evaluation and Assessment</td>
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<td>International projects (2)</td>
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| 15:00 | Experiences in Education: Enhancing Learning and the Undergraduate Experience (1) | Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching | Virtual Learning Environments (VLEs) & online/virtual labs | Emerging Technologies in Education (3) | Special Education: Experiences and pedagogical innovations | Pedagogical Innovations in Engineering Education | Poster Session 1. E-Learning and Emerging Technologies
16:15 - 18:00 |
| 15:15 | 14:45 | 14:45 | 14:45 | 14:45 | 14:45 | 14:45 | |
| 16:00 | | | | | | | |
| 16:30 | Coffee Break (Mezzanine Hall) | | | | | | |
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| 18:00 | | | | | | | |
| 18:30 | Experiences in Education: Enhancing Learning and the Undergraduate Experience (2) | Pedagogical Innovations in Education: New Learning/Teaching Models | E-Learning: E-learning Projects and Experiences (2) | E-content Management and Development | Barriers to Learning and Diversity Issues | New trends and Experiences in Engineering Education | |
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**OVERVIEW: TUESDAY, 7th JULY 2009**

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<td>Pedagogical Innovations in Education: Collaborative and Problem-based Learning</td>
<td>E-Learning: E-learning Projects and Experiences (3)</td>
<td>Pedagogical Innovations and Experiences in Research: Academic Research Projects</td>
<td>Pedagogical Innovations and Experiences in Foreign Language Learning / Education (1)</td>
<td>Experiences and Pedagogical Innovations in Life &amp; Health Sciences Education (1)</td>
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<td>E-Learning: Mobile &amp; Blended Learning</td>
<td>Educational Software &amp; Serious Games</td>
<td>Experiences in Research: Academic Research Projects</td>
<td>Pedagogical Innovations and Experiences in Foreign Language Learning / Education (2)</td>
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# CONFERENCE SESSIONS

## OPENING SESSION

- Experiences in Education: Educational Trends and Best Practice Contributions (1)
- Experiences in Education: Curriculum Design and Quality Assurance
- E-Learning: E-learning Projects and Experiences (1)
- Emerging Technologies in Education (1)
- International projects (1)
- Primary/Secondary Education: Experiences and Pedagogical Innovations (1)
- Experiences in Education: Educational Trends and Best Practice Contributions (2)
- European Higher Education Area: The Bologna Declaration and ECTS Experiences
- E-Learning: Training, Evaluation and Assessment
- Emerging Technologies in Education (2)
- International projects (2)
- Primary/Secondary Education: Experiences and Pedagogical Innovations (2)

## ORAL SESSIONS MONDAY MORNING

- Experiences in Education: Enhancing Learning and the Undergraduate Experience (1)
- Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching
- Virtual Learning Environments (VLEs) & online/virtual labs
- Emerging Technologies in Education (3)
- Special Education: Experiences and pedagogical innovations
- Pedagogical Innovations in Engineering Education
- Experiences in Education: Enhancing Learning and the Undergraduate Experience (2)
- Pedagogical Innovations in Education: New Learning/Teaching Models
- E-Learning: E-learning Projects and Experiences (2)
- E-content Management and Development
- Barriers to Learning and Diversity Issues
- New trends and Experiences in Engineering Education

## ORAL SESSIONS MONDAY AFTERNOON

- Experiences in Education: Enhancing Learning and the Undergraduate Experience (1)
- Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching
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- Barriers to Learning and Diversity Issues
- New trends and Experiences in Engineering Education

## POSTER SESSIONS MONDAY MORNING

- Poster Session 1. E-Learning and Emerging Technologies

## POSTER SESSIONS MONDAY AFTERNOON

- Poster Session 2. Experiences in Education
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<td>E-Learning: E-learning Projects and Experiences (3)</td>
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<td>Experiences in Education: European Higher Education Area: The Bologna Declaration and ECTS Experience</td>
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OPENING SESSION

Monday, 6 of July

9:00-9:45   Welcome Address

Sra. Blanca Palmada Félez
Comisionada para Universidades e Investigación
Generalitat de Catalunya

Sr. D. Antonio García Ricós
Member of EDULEARN09 Organising Committee

9:45-10:15  Welcome Coffee
### ORAL SESSIONS MONDAY MORNING

**Experiences in Education: Educational Trends and Best Practice Contributions (1)**  
*Session chair: Stephen Harris. Sydney Centre for Innovation in Learning (AUSTRALIA)*

*Monday, 6 of July*  
*Room: Güell*

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<td>10:15</td>
<td><strong>TRANSFORMING 88 PUBLIC SCHOOLS INTO BENCHMARKED SCHOOLS FOR INNOVATIVE PRACTICES</strong></td>
<td>N. Razali</td>
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<td>10:30</td>
<td><strong>SCIL: ICT INNOVATION TRANSFORMING THE HEART OF THE CLASSROOM</strong></td>
<td>S. Harris</td>
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<td>10:45</td>
<td><strong>ICT INTEGRATION TRENDS AND PRACTICES IN COLLEGE CLASSROOMS</strong></td>
<td>M. Chowdhury</td>
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<td>11:00</td>
<td><strong>TEACHING IMAGE AND VIDEO PROCESSING WITH MATLAB</strong></td>
<td>O. Marques</td>
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<td>11:15</td>
<td><strong>THE EFFECTIVENESS OF THE IMPLEMENTATION OF INTEGRATED QUALITY MANAGEMENT SYSTEM AS A PERFORMANCE MANAGEMENT TOOL IN VARIOUS SCHOOLS OF THE EASTERN CAPE PROVINCE</strong></td>
<td>B. Nguza-Mduba</td>
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**Experiences in Education: Curriculum Design and Quality Assurance**  
*Session chair: Brian McKay-Epp. Pearson eCollege (UNITED STATES)*  

*Monday, 6 of July*  

*Room: Batlló*

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<td>10:15</td>
<td>IMPLEMENTING A TECHNOLOGY ENHANCED OUTCOME MANAGEMENT STRATEGY ON CAMPUS THAT PRODUCES SUBSTANTIVE IMPROVEMENTS IN CURRICULUM, INSTRUCTION, AND STUDENT LEARNING</td>
<td>B. McKay Epp</td>
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<td>10:30</td>
<td>THE CONUNDRUM - WHICH LEARNING TECHNOLOGY TO USE?</td>
<td>M. Cant, C. Bothma</td>
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<td>10:45</td>
<td>AN EUROPEAN STUDY PROGRAMME FOR ADVANCED NETWORKING TECHNOLOGIES (ESPANT)</td>
<td>J. Luis Marzo, S. Knockaert, R. Van Steen Berghe, K. Bjorn, J. Rugelj, C. Vaz de Carvalho</td>
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<td>11:00</td>
<td>RE-ENGINEERING THE ENGINEERING AND SCIENCE EDUCATION</td>
<td>V. Pomazan, L.C. Petcu, D. Mihalascu, M. Girtu</td>
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<td>11:15</td>
<td>QUALITY OF STUDY PROGRAMMES IN LITHUANIA: STAKEHOLDERS’ APPROACH</td>
<td>N. Pileicikiene</td>
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<td>11:30</td>
<td>THE ISRAELI EDUCATORS CODE OF ETHICS</td>
<td>Y. Fisher</td>
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<td>11:45</td>
<td>DECISIONS AND IMPLICATIONS OF INFORMATION TECHNOLOGIES IN ACADEMIC ENVIRONMENTS</td>
<td>V.P. Bresfelean, R. Lacurezeanu, N. Ghisoiu, C. Ani, M. Pop</td>
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E-Learning: E-learning Projects and Experiences (1)
Session chair: Arnaud Deshogues. EPFL (SWITZERLAND)

Monday, 6 of July

Room: Barcelona

10:15 E-LEARNING AND B-LEARNING SUCCESSFUL STRATEGY TO UPDATE IN-SERVICE HEALTH PERSONNEL COMPETENCIES: FROM TOP OFFICERS TO COMMUNITY HEALTH WORKERS
L. Magaña, C. Rosas, F. Contreras, J. Vértiz

10:30 EXPECTED VR-BASED SYSTEM IN E-LEARNING
C.H. Wang, K.T. Sun, I.C. Hung, H.M. Lin

10:45 GEOMATICS E-LEARNING WITH EXOMATIC: IMPLEMENTATION AND ASSESMENT
A. Deshogues, P.Y. Gilliéron

11:00 INFORMATION TECHNOLOGIES FOR STUDENT ASSESSMENT: EXPERIENCES FROM A SOFTWARE DEVELOPMENT AND INTEGRATION PROJECT AT VILNIUS UNIVERSITY
S. Trumpulyte, L. Nevinskaite

11:15 THE ROLE OF E-LEARNING IN RURAL DEVELOPMENT IN IRAN: BENEFITS AND CHALLENGES
F. Lashgarara, N. Karkeh Abadi

11:30 THE CHALLENGE OF FACULTY INVOLVEMENT IN THE DESIGN AND IMPLEMENTATION OF ONLINE COURSES
S. Garba

11:45 A SUSTAINABLE APPROACH TO THE REUSE OF STUDENT-CENTERED LEARNING SCENARIOS
L. Oliveira, P. Peres, S. Ribeiro, A. Albuquerque, C. Carvalho
# Emerging Technologies in Education (1)

**Session chair: Rachid Benlamri. Lakehead University (CANADA)**

*Monday, 6 of July*  

**Room: Tibidabo**

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<td>10:15</td>
<td>SMART SERVICES FOR CLASSROOM LEARNING</td>
<td>K. Scott, R. Benlamri</td>
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<td>10:30</td>
<td>WEBCONFERENCING SYSTEMS IN TEACHING: ONE TOOL – MULTIPLE SCENARIOS</td>
<td>I. Fischlmayr, R. Niederländer, U. Windischbauer</td>
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<td>10:45</td>
<td>ACQUIRING SKILLS FOR VIRTUAL MULTICULTURAL COLLABORATION: A BLENDED LEARNING COURSE DESIGN</td>
<td>I. Fischlmayr</td>
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<td>11:15</td>
<td>ON MULTI-DISPLAY CLASSROOM SYSTEMS: THE AFFORDANCES AND CONSTRAINTS OF SIMULTANEOUS DISPLAY AND NON-LINEAR PRESENTATION FOR STUDENTS AND TUTORS</td>
<td>B. Bligh</td>
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<td>11:45</td>
<td>PERCEPTIONS OF STUDENTS TOWARD ROBOTIC CLUBS AT SCHOOLS</td>
<td>N. Kara, K. Cagiltay</td>
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International projects (1)
Session chair: Niki Frantzeskaki. TU Delft (NETHERLANDS)

Monday, 6 of July

10:30 JOMITE – NEW BORDER CROSSINGS IN EDUCATION
K. Schroeder

10:45 GETTING PREPARED FOR A GLOBALIZED POLICY ANALYSIS ARENA: HOW GRADUATE POLICY ANALYSIS STUDENTS REFLECT ON THE (FOREGOING) APPLICATION OF POLICY ANALYSIS IN THEIR HOME COUNTRY
N. Frantzeskaki, A. De Haan

11:00 THE INTERNATIONALIZATION OF A CANADIAN BUSINESS SCHOOL: A CASE STUDY
D. Cyr, S. Felton, M. Kusy

11:15 ONE THOUSAND FLOWERS IN DELFT. A BOTTOM-UP APPROACH TO IMPROVE TEACHING FOR INTERNATIONAL STUDENTS

11:30 THE PENSAS@MOZ PROJECT: INTERNATIONAL COOPERATION IN EDUCATIONAL TECHNOLOGIES
A. Batel, N. Agostinho, J. Santos, S. Pita, S. Nunes
Primary/Secondary Education: Experiences and Pedagogical Innovations (1)
Session chair: Claudia Kummer. Fachhochschul-Studiengaenge Burgenland University of Applied Sciences (AUSTRIA)

Monday, 6 of July

10:15 UNIVERSITIES FOR CHILDREN - AN IMPORTANT LINK IN NATIONAL EDUCATION STRATEGY. THE CASE OF POLAND
M. Banas

10:30 DIGITAL NARRATIONS AND COOPERATIVE LEARNING: A CASE STUDY
E. De Marco

10:45 SCHOOL TEACHERS AND MANAGERS’ ATTITUDE TOWARD QUALITATIVE AND QUANTITATIVE ASSESSMENT IN IRANIAN PRIMARY SCHOOLS
A. Shekarey, A. Zare-ee, A. Rahimi, F. Behravi

11:00 CURRICULAR ARTICULATION BETWEEN TWO SPACES OF NON-FORMAL EDUCATION IN SCIENCE
C. Marques- Arqueiro, R. Vieira

11:15 A WEB GENERATIVE LEARNING STRATEGY FOR THE CLASSROOM ACTION
E. Martin, F. Mesa

11:30 MATCHING OR MISMATCHING! WHICH IS MORE EFFECTIVE ON CHILDREN’S CREATIVITY?
M. Al-Ali

11:45 UC3M’S STREET-LAW PROGRAM: A TEACHING EXPERIENCE ON HUMAN RIGHTS
A. Iglesias Garzón, D. Blázquez Martín
Experiences in Education: Educational Trends and Best Practice Contributions (2)
Session chair: Norrizan Razali. MDeC. Smart School (MALASYA)

Monday, 6 of July

12:15 TEACHERS’ AND ADMINISTRATORS’ OPINIONS ABOUT THE EFFECTUATION LEVEL OF TEACHER PERFORMANCE MANAGEMENT APPLICATIONS IN STATE AND PRIVATE HIGH SCHOOLS (ANKARA SAMPLE)
A. Bozkurt Bostanci, H. Yolcu, H. Sap

12:30 TRANSFORMING HIGHER EDUCATION IN MALAYSIA: THE AKEPT’S TEACHING AND LEARNING INITIATIVES
M.M. Konting, Z. Idris, E.K. Singh

12:45 THE CHANGE IN EDUCATION
I. Scheau, C. Nanu

13:00 TECHNIQUES IN COMPUTER AIDED SCIENCE AND ENGINEERING TEACHING
V. Pomazan, L.C. Petcu

13:15 THE EDUCATION AND HUMAN RESOURCE DEVELOPMENT VIA EDUCATION MANAGERS IN IRAN
M.H. Hosseini
**European Higher Education Area: The Bologna Declaration and ECTS Experiences**

*Session chair: Valentin-Sorin Costreie. University of Bucharest (ROMANIA)*

*Monday, 6 of July*  

*Room: Batlló*

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<td>QUALITY ASSURANCE EVALUATION PROCESS IN ROMANIAN HIGHER EDUCATION INSTITUTIONS - THE CASE OF UNIVERSITY OF BUCHAREST</td>
<td>S. Costreie, R. Ianole</td>
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<td>12:45</td>
<td>WEB 2.0 FOR MOBILE STUDENTS: STORYTELLING ANALYSING FROM INFORMAL LEARNING</td>
<td>M. Gea, B. Arenas, R. Montes-Soldado, L. Luigi Di Stasi</td>
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<td>13:00</td>
<td>STUDENT AND TEACHERS ECOMPETENCES IN THE USE OF WEB-BASED DISCUSSION FORUMS AIMING TO IMPLEMENT THE PEDAGOGICAL MODEL OF THE EUROPEAN HIGHER EDUCATION AREA</td>
<td>M. Fuentes Agustí, M. Romero Velasco</td>
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<td>PHOTOGRAPHY IN FINE ARTS. THE DIDACTIC GUIDE EXPERIENCE</td>
<td>Y. Remacha Menéndez</td>
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E-Learning: Training, Evaluation and Assessment

Session chair: Victor Fester. Waikato Institute of Technology (NEW ZEALAND)

Monday, 6 of July

Room: Barcelona

12:15 USING A BENCHMARKING TOOL TO INFORM FUTURE INVESTMENT IN E-LEARNING AT A NEW ZEALAND INSTITUTE OF TECHNOLOGY
V. Fester, J. Clayton, A. McMillan

12:30 ON THE EVALUATION OF LEARNING WITHIN TECHNOLOGY-SUPPORTED PHYSICAL LEARNING SPACES
B. Bligh, I. Pearshouse, S. Lewthwaite

12:45 EVALUATION OF LEARNING AND E-PORTFOLIO: AUTHENTIC ASSESSMENT IN THE EXPERIENCE OF ONLINE MASTER
A. Dipace

13:00 QUALITY ASSURANCE BY RQCC: HOW QUALITY IS ATTRIBUTED TO THE RELATION BETWEEN LEARNER AND E-LEARNING ENVIRONMENT
N. Meder, S. Iske

13:15 WHETHER WIKIS WORK: STUDENT AND TUTOR EXPERIENCES IN USING THE WIKI AS A NON-LINEAR FORM OF ASSESSMENT
C. Esser
Emerging Technologies in Education (2)
Session chair: Ludmilla Smirnova. Mount Saint Mary College (UNITED STATES)
Monday, 6 of July

Room: Tibidabo

C. Gubbins, S. Cromie, M. Fitzpatrick, S. Corrigan, E. Murphy, M. Cooke, T. Garavan

12:30 TEACHING 2.0: UNLOCKING STUDENT LEARNING WITH WEB 2.0 TECHNOLOGIES
L. Smirnova

12:45 THE USE OF MOBILE TECHNOLOGIES TO ENHANCE AN EPORTFOLIO IN INITIAL TEACHER TRAINING: REDUCING THE PAPER TRAIL
R. Heath, M. Smale

13:00 TEACHING COMPUTER GAME DEVELOPMENT USING FREE AND OPEN-SOURCE SOFTWARE
G. Schaefer, S. Zhu

13:15 CSI.SP - AN EVALUATION OF ICT BASED WORKFLOWS IN INTERNATIONAL WORKSHOPS
A. Fuchs, J. Klaarenbeek, J. Moelker
International projects (2)
Session chair: Christopher Hill. University of Nottingham Malaysia Campus (MALASYA)
Monday, 6 of July

Room: Milá

12:15 EDUCATION WITHOUT WALLS: THE VALUE OF VIDEOCONFERENCE
A. Mazzaro, J. Willis

12:30 SMASH: FOUR ENVIRONMENTS TO LEARN ABOUT NEW TECHNOLOGIES
P. Azcárate Goded, J.M. Cardeñoso Domingo, A. Serradó Bayés

12:45 INTERNATIONALIZING THE CURRICULUM: USING TECHNOLOGY TO PRODUCE GLOBALLY SOPHISTICATED STUDENTS
G. Scudder, J. Vincent

13:00 THE EXPANSION OF THE HOME MODEL: ESTABLISHING A GRADUATE SCHOOL ON AN INTERNATIONAL CAMPUS
C. Hill

13:15 SCENARIO DEVELOPMENT FOR LIFELONG LEARNING
T. Kretschmer
Primary/Secondary Education: Experiences and Pedagogical Innovations (2)
Session chair: Anika Struppert. Macquarie University (AUSTRALIA)

Monday, 6 of July

Room: Montjuic

12:15 TEACHING CHILDREN INTERCULTURAL COMPETENCE WITH THE ELECTRONIC LIFE SIMULATION “REALLIVES” (WORK IN PROGRESS)
A. Struppert

12:30 AN INTERACTIVE MATH REMEDIAL INSTRUCTION SYSTEM FOR LEARNING EXPANSION AND REDUCTION OF FRACTION

12:45 CARTOON PLANET: MICRO-REFLECTION THROUGH DIGITAL CARTOONS - A CASE STUDY ON TEACHING AND LEARNING WITH YOUNG PEOPLE
C. Costa, H. Keegan

13:00 INTERACTIVE VIDEOCONFERENCE AS A TOOL SUPPORTING DISTANCE LEARNING IN SECONDARY EDUCATION
P. Vassala, A. Georganti

13:15 DEVELOPMENT METHODOLOGIES FOR EDUCATIONAL SOFTWARE: THE PRACTICAL CASE OF COURSEWARE SERE
A. Costa, M. Loureiro, L. Reis
ORAL SESSIONS MONDAY AFTERNOON
Experiences in Education: Enhancing Learning and the Undergraduate Experience (1)
Session chair: Damien Shortt. Edge Hill University (UNITED KINGDOM)

Monday, 6 of July

Room: Güell

14:45 WIKIS, IDENTITY, AND THE FIRST YEAR STUDENT: HARNESING THE WIKI, LIBERATING THE STUDENT
   D. Shortt

15:00 THIRTY YEARS EVOLUTION OF CHEMISTRY INSTRUCTION (HOW A TABLET PC AND ONLINE COURSE MANAGEMENT SYSTEMS HAVE CHANGED MY LIFE AND THOSE OF MY STUDENTS)
   L. Peter

15:15 AN EXPERIENCE TOWARDS THE ECTS MODEL IN ELECTRONIC TECHNOLOGY USING ACTIVE LEARNING TECHNIQUES
   M.A. Zamora, J. Santa, R. Toledo

15:30 COMPETITION: A WAY TO EDUCATION
   R. Varbanescu, R. Dobrescu, A. Iordan, S. Arghir

15:45 APPROACH TO THE CONCEPTS OF “AMOUNT OF SUBSTANCE”, “MOLE” AND “AVOGADRO’S CONSTANT” THROUGH THE USE OF ANALOGIES
   C. Aguirre-Pérez

16:00 AN APPROACH TO FILL THE GAP BETWEEN EDUCATION OF COMPUTER AIDED DESIGN AND THE REAL PHYSICAL PRODUCT
   M.A. Altin

16:15 EFFECTS OF USING VIDEO ON TEACHERS’ ABILITY TO UNDERSTAND CLASSROOM CHILDREN’S INTERACTION
   I. Alghazo

16:30 LEARNING STYLES AND SUCCESS IN OPERATIONS MANAGEMENT
   L. Zubieta
Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching
Session chair: Helen Keegan. University of Salford (UNITED KINGDOM)

Monday, 6 of July

Room: Batlló

14:45 ONLINE LEARNING COMMUNITIES AND SOCIAL SOFTWARE: A MENTORING APPROACH TO 21ST CENTURY SKILLS
H. Keegan, C. Costa

15:00 A MODEL OF HORIZONTAL TUTORING FOR IMPLEMENTING BOLOGNA METHODOLOGY AS REGARDS THE STUDENT’S VIEWPOINT
C. San Antonio

15:15 TUTORING AT INSTITUTO SUPERIOR TÉCNICO
P. Lourie, I. Gonçalves

15:30 ANALYSIS OF STUDENT BEHAVIOUR IN VIRTUAL LEARNING ENVIRONMENT BY WEB-MINING METHODS
P. Toth

15:45 UNIVERSITY ASSESSMENT OF COMPETENCES IN A COMPETENCE-TRAINING MODEL
R. Mérida Serrano, E. Gómez Parra, E. González Alfaya

16:00 GENERIC CONTINUOUS EVALUATION MODELS. INNOVATIVE METHODS ORIENTED TOWARDS THE IMPROVEMENT OF TEACHING AND EVALUATION IN HIGHER EDUCATION
S. Prashar, M.R. Martín-Briceño, G. Díaz-Pardo, M.T. Martín-Fuentes, S. López-Sáiz

16:15 USING COMPETENCE PROFILES IN A E-PORTFOLIO ENVIRONMENT
L. Verhelst

16:30 COMPETENCE BASED TEACHING AND EVALUATION METHODS/STRATEGIES ONLINE
E. Virgailaite-Meckauskaite, N. Mazeikiene
Virtual Learning Environments (VLEs) & online/virtual labs

Session chair: Siobhan O' Sullivan. Cork Institute of Technology (IRELAND)

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<td>C. Peng, A. Powell, L. Care, H. Evans, D. Roberts, P. Patlakas, P. Basu</td>
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<td>VIRTUAL LABS IN THE E-LEARNING CONTEXT AS TOOLS OF COLLABORATION WORK</td>
<td>R. Cordeiro, H. Passos</td>
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<td>AUTOMATIC TOOLS FOR SOFTWARE QUALITY ANALYSIS IN A PROJECT BASED LEARNING COURSE</td>
<td>JM. Montero Martínez, R. San Segundo, R. De Cordoba, A. Marin de la Barcena, A. Zlotnik</td>
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<td>ICT AND THE INTERCULTURAL PERSPECTIVE IN AN E-LEARNING DEGREE PROGRAM FOR AN INCLUSIVE EDUCATION, UNIVERSIDAD MAYOR DE SAN SIMON</td>
<td>J.A. Arrueta</td>
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<td>15:45</td>
<td>A COMPARATIVE REVIEW OF CONTEMPORARY E-LEARNING SOLUTIONS</td>
<td>O. Marques</td>
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<td>16:00</td>
<td>EVALUATION OF THE USE OF BLACKBOARD (VERSION 8.0) IN THE TEACHING OF METABOLIC BIOCHEMISTRY TO BIOMEDICAL STUDENTS</td>
<td>S. O' Sullivan, H. McGlynn</td>
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<td>16:15</td>
<td>CREATING A VIRTUAL CLASSROOM: EVALUATING THE USE OF ONLINE DISCUSSION FORUMS TO INCREASE TEACHING AND LEARNING ACTIVITIES</td>
<td>L. Bezuidenhout</td>
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<td>VIRTUAL LEARNING ENVIRONMENT TO SUPPORT TEACHING AND LEARNING PROCESSES IN THE TECHNOLOGICAL CYCLE</td>
<td>AF. Mora Mora, JA. Hernandez Guerrero, JC. Guevara Bolaños</td>
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### Emerging Technologies in Education (3)

**Session chair: Julian Tenney. University of Nottingham (UNITED KINGDOM)**

**Monday, 6 of July**

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<td>THE ITC USE IN A LEARNING AND TEACHING CONTEXT: THE WAY GONE THROUGH THE ELEMENTARY AND KINDERGARTEN TEACHERS TRAINING</td>
<td>M.C.P Carqueja, L.L. Lima, M.A. Monteiro</td>
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<td>15:15</td>
<td>XERTE ONLINE TOOLKITS: CONTENT CREATION AND DISTRIBUTED REPOSITORY</td>
<td>J. Tenney, A. Beggan</td>
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<td>15:30</td>
<td>USING VIDEO SCREEN CAPTURE SOFTWARE TO ENHANCE ENGLISH AS A FOREIGN LANGUAGE STUDENTS' WRITING PERFORMANCE</td>
<td>L. Liang</td>
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<td>15:45</td>
<td>EFFECTS OF SOUND RECOGNITION MULTIMEDIA ON ARAB STUDENTS' ENGLISH PRONUNCIATION</td>
<td>F. Banafa</td>
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<td>16:00</td>
<td>USING NETWORK SIMULATION TOOLS TO SUPPORT TEACHING IN COMPUTER NETWORKS</td>
<td>S. Zhu, G. Schaefer</td>
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<td>16:15</td>
<td>WHY TEACHERS DON'T &quot;HEAR&quot; COMPUTER GAMES AND OTHER STORIES. A RECENT RESEARCH PROJECT ANSWERING THE QUESTION OF WHY SOME TECHNOLOGICAL INNOVATIONS IN EDUCATION WORK AND OTHERS DON'T</td>
<td>K. Royle</td>
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<td>16:30</td>
<td>THE USAGE OF THE SOCIAL NETWORK PLATFORMS IN EDUCATION: ADVANTAGES AND DISADVANTAGES</td>
<td>I. Torun, B. Keleşoğlu</td>
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**Special Education: Experiences and pedagogical innovations**  
**Session chair: Lorraine Leeson. Trinity College Dublin (IRELAND)**

*Monday, 6 of July  
Room: Milá*

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<td>14:45</td>
<td><strong>SIGNALL: DEVELOPING ONLINE AND BLENDED DEAF STUDIES COURSE CONTENT ACROSS EU BORDERS</strong></td>
<td>L. Leeson, H. Sheikh</td>
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<td>15:00</td>
<td><strong>CREATING AND IMPLEMENTING E-LEARNING APPLICATIONS AS STRATEGIC TOOLS FOR STUDENTS WITH DISABILITIES</strong></td>
<td>B. Barrett</td>
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<td>15:15</td>
<td><strong>USE OF VISUAL AUDITORY SIMULATION TECHNIQUE IN PROMOTING ON-TASK BEHAVIOUR OF CHILDREN</strong></td>
<td>S.C. Loh, S.H. Ow, F.P. Chew, Z. Ishak, S.G. Lee</td>
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<td><strong>IMPROVING COLLABORATION FOR CHILDREN WITH PDD-NOS THROUGH A MULTI-TOUCH BASED SERIOUS GAME</strong></td>
<td>M. van Veen, A. de Vries, F. Cnossen, R. Willems</td>
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<td>15:45</td>
<td><strong>ASSESSING ACCELEROMETERS AS A MEANS TO INFERENCE INDIVIDUAL USER LEARNING STYLES FOR INCLUSIVE MLEARNING SYSTEMS</strong></td>
<td>T. Mehigan, I. Pitt</td>
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<td>16:00</td>
<td><strong>AN EDUCATIONAL TOOL FOR PEOPLE WITH HEARING DISABILITIES BASED ON BAYESIAN NETWORKS</strong></td>
<td>V. Herrera Tirado, C. González Morcillo, C. Lacave</td>
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<td>16:15</td>
<td><strong>THE SCIENCES EDUCATION IN A NON FORMAL ENVIRONMENT: PUPILS WITH SPECIAL NEEDS</strong></td>
<td>D. Ferreira, N. Costa</td>
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<td>16:30</td>
<td><strong>ACADEMIC AND SOCIAL ADJUSTMENT OF UNIVERSITY STUDENTS WITH VISUAL IMPAIRMENT</strong></td>
<td>N. Almog</td>
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Pedagogical Innovations in Engineering Education
Session chair: Silvia Ferraris. Politecnico di Milano (ITALY)

Monday, 6 of July

Room: Montjuic

14:45 VIRTUAL LABORATORY FOR SUPPORT THE LEARNING OF DISTILLATION BASED IN A MOTION CAPTURE DEVICE
J. Guevara Bolaños, L. Wanumen Silva

15:00 ASSESSMENT OF THE REDESIGN OF SUBJECTS TO B-LEARNING OR E-LEARNING FORMATS USING LEARNING OBJECTS
F. Jimenez, T.J. Leo, F. Perez, C. Fernandez, P. Barrera, E. Navarro, P. Arraiza, C. Lozano

15:15 TEACHING METHODOLOGIES FOR ADVANCED TECHNOLOGICAL AVIATION TRAINING. THE CESDA CASE
E. Besora, M. Morell, D. Medina, J. Baos, A. Jimenez, J. Gavalda

15:30 PERSEX, A PROGRAMABLE TOOL FOR PERSONAL LEARNING AND ASSESSMENT
F. Mesa, E. Martin

15:45 THE USE OF KNOWLEDGE PILLS ON CHEMICAL ENGINEERING TEACHING
A. Sanchez, A. Casar, V. Goyanes, J. M. Pousada

16:00 COLOURS, SENSORIALITY AND MATERIALS. EXPERIENCE OF AN INDUCTIVE ACTIVITY OF DESIGN TEACHING EXPERIENCE OF AN INDUCTIVE ACTIVITY OF DESIGN TEACHING
S. Ferraris, V. Rognoli

16:15 ON THE USE OF INFORMATION TECHNOLOGIES AND STUDENT’S PORTFOLIO TO ENHANCE EVALUATION AND ASSESSMENT OF STUDENT’S LEARNING PROCESS
M. Fuentes Agustí, M.E. Suárez-Ojeda

16:30 NURTURING THE ENTREPRENEURIAL SPIRIT IN FUTURE ENGINEERS
A. Refaat
Experiences in Education: Enhancing Learning and the Undergraduate Experience (2)
Session chair: Vanessa Van Staden. Cape Peninsula University of Technology (SOUTH AFRICA)
Monday, 6 of July

Room: Güell

17:15 REACCIONA...EXPLOTA! REACT...EXPLODE! AMAZING EXPERIMENTS OF CHEMISTRY
J. Duran, S. Simon, JA. Vieta, R. Bover

17:30 A NATIONAL STRATEGY FOR ENSURING AUTHENTICITY IN STUDENT WORK
G. Rowell

17:45 DISASTER SIMULATIONS TO INCREASE CRISIS AWARENESS AND READINESS
R. Geerlings

18:00 ASSESSMENT OF TRANSFERABLE SKILLS USING TEACHING AND LEARNING MODELS IN HIGHER EDUCATION
V. Van Staden, T. Chehore

18:15 ELEARNING 2.0 – HOW CAN HIGHER EDUCATION BENEFIT FROM WEB 2.0?
D. Bauerova

18:30 VALUE-ADDED PROGRAMME FOR FASHION AND TEXTILE STUDENTS
J. Lam, D. Ho

18:45 ALTERNATING METHODS OF RESEARCHING IN A THEORATICAL COURSE
B. Keleşoğlu, I. Torun
**Pedagogical Innovations in Education: New Learning/Teaching Models**
*Session chair: Alison Higgs. The Open University, Oxford (UNITED KINGDOM)*

*Monday, 6 of July*

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<tr>
<td>17:15</td>
<td>DISSEMINATION OF ACTIVITY BASED TRAINING METHODS INTO INDUSTRIAL TRAINING IN EUROPE</td>
<td>J. Stav, E. Engh, R. Bergh, L. Mraz</td>
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<td>17:30</td>
<td>FOSTERING LEARNING WITH SOCIAL WEB TOOLS: EXAMPLES FROM PORTUGAL</td>
<td>M. Lucas, A. Moreira</td>
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<td>17:45</td>
<td>A ROBUST COMPETENCE EVALUATION FORMAL MODEL</td>
<td>T. Alsinet, D. Barroso, R. Bejar, J. Planes</td>
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<td>18:00</td>
<td>SPACE TO THINK ALOUD: E-LEARNING, ETHICS AND ‘NON-TRADITIONAL’ STUDENTS</td>
<td>A. Higgs</td>
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<td>18:15</td>
<td>SYSTEMS THINKING FOR MEDIA NAVIGATION: A SUPPORT FOR E-LEARNING IN COMPLEX SYSTEMS AND VEHICLE TELEMATICS</td>
<td>L. Farinetti, A. Rasetti</td>
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<td>18:30</td>
<td>MOODLE IN MY CLASSROOM</td>
<td>Y. Remacha Menéndez</td>
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<td>18:45</td>
<td>TOWARDS A BIOLOGICAL FRAMEWORK FOR TEACHING AND LEARNING: IMPLICATIONS FOR THE USE OF TECHNOLOGY</td>
<td>G. Woolcott</td>
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E-Learning: E-learning Projects and Experiences (2)
Session chair: Artis Ivanovs. Riga Technical University (LATVIA)

Monday, 6 of July

Room: Barcelona

17:15 TEACHING TUTORING - INTELLIGENT AGENTS TO CUSTOMIZE LIFELONG LEARNING PATHWAYS IN THE MICROFINANCE SECTOR
   I. Mascitti, F. Funghi, M. Feituri, V. Berni, P. Degasperi, J. Petrucci

17:30 THE SUGI PORTAL: AN INNOVATIVE AND SUSTAINABLE CONTEXT-BASED E-LEARNING SOLUTION FOR E-BUSINESS AND E-SCIENCE
   M. Seifert, V. Achter, U. Lang

17:45 INTERNAL MARKETING: SEARCH FOR BEST WAYS TO RAISE USAGE OF E-LEARNING SYSTEM
   A. Ivanovs

18:00 NEW INSTRUMENTS IN E-LEARNING PROCESS: A SCREENING TOOL FOR TRAINING ON BUSINESS TRANSFER
   R. de Arriba Bueno

18:15 THE DEVELOPMENT OF DIGITAL EDUCATION CONTENT FOR THE SECONDARY EDUCATION IN CYPRUS: PROJECT CHALLENGES AND LESSONS LEARNED
   D. Englezakis, C. Roushias, E. Papathanasiou, M. Christou, D. Nicolaou

18:30 A WEB 2.0 JOURNEY TOWARDS PERSONAL LEARNING ENVIRONMENTS
   R. Torres Kompen, P. Edirisingha

18:45 THE IMPLEMENTATION OF INFORMATION AND COMMUNICATION TECNOLOGIES IN THE EDUCATIONAL SYSTEM OF REPUBLIC OF MOLDOVA (ACCOMPLISHMENTS, PROJECTS AND IDEAS FOR PRESENT AND FUTURE)
   V. Afteni
### E-content Management and Development

**Session chair: Miguel Penalver Nieto. K.U.Leuven (BELGIUM)**

*Monday, 6 of July*  
*Room: Tibidabo*

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<td>17:15</td>
<td><strong>ORGANIZING QUALITY ASSURANCE: HOW TO INTEGRATE PROCESSES OF QUALITY MANAGEMENT IN AN E-LEARNING PORTAL</strong></td>
<td>S. Iske, N. Meder</td>
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<td>17:30</td>
<td><strong>CONNECTING DIGITAL ARCHITECTURAL ARCHIVES WITH MACE</strong></td>
<td>S. Boeykens</td>
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<td>17:45</td>
<td><strong>MACE: INTEGRATED ACCESS TO ARCHITECTURAL CONTENT DURING LEARNING</strong></td>
<td>S. Boeykens, M. Penalver, H. Neuckermans</td>
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<td>18:00</td>
<td><strong>A LINGUISTIC RECOMMENDER SYSTEM FOR UNIVERSITY DIGITAL LIBRARIES TO HELP STUDENTS IN THEIR LEARNING PROCESSES</strong></td>
<td>C. Porcel, E. Herrera-Viedma, M.J. Lizarte</td>
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<td>18:15</td>
<td><strong>ORGANIZATIONAL MEMORY IN THE HELLENIC RAILWAYS INDUSTRIAL ENVIRONMENT. THE “TREATMENT” OF KNOWLEDGE GAP BETWEEN NEW AND “READY TO RETIREMENT” WORKERS</strong></td>
<td>A. Tsirikas, C. Nicolaidis</td>
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<td>18:30</td>
<td><strong>BENCHMARKING PEER PRODUCTION MECHANISMS, PROCESSES AND PRACTICES OF (E-)LEARNING CONTENT</strong></td>
<td>T. Kretschmer, T. Fischer</td>
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<td>18:45</td>
<td><strong>KNOWLEDGE MANAGEMENT PRACTICES IN HIGHER EDUCATION INSTITUTES: A DIFFERENT APPROACH</strong></td>
<td>G. Shams, A. Momeni Rad, A. Hooshmand</td>
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<td>19:00</td>
<td><strong>INFORMATION MANAGEMENT AND THE ROLE OF INFORMATION AND KNOWLEDGE MANAGERS: MANAGERS’ PERCEPTION</strong></td>
<td>H. Momeni Rad, G. Shams, B. Naderi</td>
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Barriers to Learning and Diversity Issues
Session chair: Deirdre Kelleher. Fastrack to IT (FIT) Ltd. (IRELAND)
Monday, 6 of July

17:15 ‘SCHOOL IDENTITY’ AND ITS EFFECTS ON GIRL’S SCHOLASTIC ORIENTATIONS. A CASE STUDY IN THREE BELGIAN SCHOOLS
   E. Lenel

17:30 CULTURAL BARRIER TO SECOND LANGUAGE LEARNING IN THE LOW PROFECIENCY LEVEL
   S. Amya

17:45 AN EDUCATION IN ICT: INCLUDING THE EXCLUDED
   D. Kelleher

18:00 USING ACCESSIBILITY MULTIMEDIA AS AN EDUCATIONAL TOOL
   F. Paniagua Martín, A. García-Crespo, I. González Carrasco, J.L. López Cuadrado

18:15 CAUSES AND EFFECTS OF SCHOLAR FAILURE. CASE STUDY ON BUCHAREST ACADEMY OF ECONOMIC STUDIES
   M. Roman

18:30 A STUDY ON TURKISH TEACHER CANDIDATES’ SOCIAL ANXIETY
   A.A. Ceyhan

18:45 GLOBALIZATION AND ITS IMPACTS ON ADULT EDUCATION IN IRAN
   F. Lashgarara, S.M. Mirdamadi, S.J. Farajollah Hosseini
New trends and Experiences in Engineering Education  
*Session chair: Carsten Creise. TU Berlin (GERMANY)*

*Monday, 6 of July*  
*Room: Montjuïc*

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<td>ASSESSMENT OF COMPETENCE DEVELOPMENT – EXPERIENCES IN THE INTERNATIONAL MASTER PROGRAM “GLOBAL PRODUCTION ENGINEERING”</td>
<td>C. Reise, G. Seliger</td>
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<td>17:30</td>
<td>MOODLE ENHANCEMENT OF AN INTER-UNIVERSITY MASTER PROGRAM ON ENVIRONMENTAL ENGINEERING</td>
<td>J. Iza</td>
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<td>17:45</td>
<td>MEETING OBSERVATION: ENABLING ENGINEERING STUDENTS TO MANAGE AND TO FACILITATE TEAM MEETINGS</td>
<td>M. Guardiola Marcos, P. Corbí García, E. González Moreno, E. Soler Benavente, S. Yuste Berenguer, N. Castellví García, E. Just Corsà, D. Lara Pérez, A. Puig Arànega, S. Özgen</td>
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<td>18:00</td>
<td>DEVELOPMENT OF A DRINKING WATER ENGINEERING MODULE FOR STUDENTS AT SECONDARY SCHOOLS</td>
<td>A. Grefte, A. Kerkstra, J. Verberk</td>
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<td>18:15</td>
<td>PROJECTS-BASED EVOLUTIONARY APPROACH FOR DEVELOPING PRACTICAL SKILLS IN MEASUREMENT AND DATA ACQUISITION</td>
<td>M. Mir</td>
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<td>18:30</td>
<td>SMART PROGRAM: A STRATEGY FOR PROMOTING ENGINEERING EDUCATION IN SCHOOLS</td>
<td>M. Mir, T. Sharif</td>
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POSTER SESSIONS MONDAY MORNING
Poster Session 1. E-Learning and Emerging Technologies

Monday, 6 of July

Room: Poster Room

• ACTIVE LEARNING MATERIALS FOR USE IN STATISTICS COURSES FOR UNDERGRADUATES
  C. Roldan, A. Roldan, M.V. Alba, N. Fuentes

• APPLICATION OF E-LEARNING IN ORGANIZING AND COMPOSING THE CURRICULUM
  A. Assareh, N. Hazin

• APPLICATION OF LEARNING MANAGEMENT SYSTEM (LMS) TO THE STUDY OF SOILS
  G. Gascó, F. Guerrero, J.M. Gascó

• APPLICATION OF REMOTE TECHNOLOGY TO ELECTRICAL POWER SYSTEM LABORATORIES

• CARIES SIMULATION WITHIN MAN-MADE TEETH TO MAKE TYPE II CAVITIES FOR COMPOSITE RESIN FOR UNDERGRADUATE STUDENTS
  J. Oteo, C. Oteo, A. Oteo, M.J. Calvo

• COMPUTATIONAL TEACHING UNIT FOR STRENGTHENING THE TEACHING AND LEARNING FROM THE DISTILLATION IN THE CLASSROOM
  G. Largo Ordóñez, J. Guevara Bolaños

• DEVELOPING ACE: A CONCEPTUAL FRAMEWORK FOR ENHANCING ICT CAPABILITY FOR FLEXIBLE DELIVERY IN EDUCATIONAL INSTITUTIONS
  V. Fester, J. Clayton, A. McMillan

• DEVELOPMENT OF A MULTIMEDIA-BASED TOOL FOR TEACHING AN INTEGRATED EXPERIMENTAL CHEMISTRY COURSE
  A. Ortiz, R. Cuesta, R. Bermejo, A. Quesada

• E-LEARNING IN TEACHING STATISTICS: AN APPLICATION IN CIVIL ENGINEERING
  N. Portillo-Poblador, S. Vidal-Puig, A. Montesinos-Guillot, J. Martín-Marín

• E-LEARNING IS MORE THAN LESSONS AND TUTORIALS
  S. Brady, M.L. Harrison

• E-TOOL TO DEVELOP HIGHER EDUCATION MODULES BASED ON LEARNING OUTCOMES
  J. Roca Piera, E. M. Garzón
• EXPERIENCES IN THE VIRTUAL CLASSROOM OF “BASIC PRINCIPLES IN CHEMISTRY” AT THE UNIVERSITY OF LA LAGUNA
  J. Hernández-Borges, M.A. Rodríguez-Delgado

• IMPLEMENTATION OF E-LEARNING IN TEACHING STATISTICS: AN APPLICATION IN MANAGEMENT ADMINISTRATION
  N. Portillo-Poblador, J. Martín-Marín

• KNOWLEDGE BUILDING PROCESSES IN BLENDED LEARNING COMMUNITIES: FORUM USAGE EVALUATION FROM A PARTICIPATORY FRAMEWORK FOR DISTANCE COOPERATION
  A. Pepe, A. Armenti

• LEARNING PILLS FOR BASIC TRAINING IN CHEMICAL ENGINEERING
  A. Cancela Carral, R. Maceiras Castro

• MOBILE LEARNING AND UNIVERSITY TEACHING
  I. Alsaadat

• MULTI-USER LABORATORIES FOR COMPLEXITY SCIENCE E-LEARNING
  F. Munteanu, C. Udriste, D. Zugravescu

• PRECLINICAL LEARNING OF STRATIFICATION TECHNIQUES ON ANTERIOR TEETH WITH COMPOSITE RESINS FOR POSTGRADUATE DENTAL EDUCATION
  J. Oteo, C. Oteo, M. Galán, A. Oteo

• THE COMPARATIVE STUDY OF USING MOBILE PHONE VS. LECTURE METHOD IN TEACHING. CASE: AGRICULTURAL STUDENTS OF RAVANSAH TOWNSHIP IN KERMANSHAH, IRAN
  A. Papzan, A. Soleimani, M. Papzan

• USE OF POLIMEDIA-UPV MULTIMEDIA OBJECTS AS SUPPORT FOR TEACHING AND TUTORSHIP TASKS
  R. Balart, L. Sánchez-Nácher, O. Fenollar, D. García-Sanoguera

• USE OF SIMULATION TOOLS AS VIRTUAL LABORATORIES FOR TEACHING IN MATERIALS ENGINEERING

• VIRTUALIZATION OF A THERMODYNAMIC COURSE IN A RENEWABLE ENERGY MASTER’S DEGREE
  A. Casar, S. Urrejola, C. Cameselle, A. Sánchez
POSTER SESSIONS MONDAY AFTERNOON
Poster Session 2. Experiences in Education

Monday, 6 of July

Room: Poster Room

- **A BRAND CALLED ME: MANAGING DIGITAL IDENTITY**
  F. Palmer

- **ACQUISITION OF GENERIC SKILLS THROUGH COLLABORATIVE WORK IN APPLIED STATISTICS**
  R. Fernandez Pascual, M.P. Frias Bustamante

- **ANALYSIS ABOUT THE TIME AND EFFORT OF STUDENTS’ AUTONOMOUS WORK IN THE STRATEGIC MANAGEMENT AREA**
  J. Pereira Moliner, E. Claver Cortés, M.D. López Gamero, B. Marco Lajara, J.F. Molina Azorín, E. Pertusa Ortega, P.C. Zaragoza Saez

- **BOLOGNA VERSUS CLASSICAL TEACHING/LEARNING PARADIGMS**
  J. Salgado

- **COMPUTER SCIENCE AND MATHEMATICAL E-LEARNING MATERIALS IN THE WEB**
  A. Salvador Alcaide, M.D. López González, A. Garmendia Salvador, J. Rodrigo Hitos

- **COOPERATIVE LEARNING IN SIGNAL PROCESSING COMPLEX PROBLEM SOLVING**
  J. Gonzalez-Rodriguez, D.T. Toledano

- **COORDINATING COURSE CONTENTS ACCORDING TO ESHE**
  I. Díaz, A. Alguero, M. Suárez-Cabal, J. Villar

- **EXPERIMENTATION AND IMPLEMENTATION OF THE EHEA: THE LEARNING CONTRACT AS A TOOL FOSTERING AUTONOMOUS LEARNING AMONG BUSINESS MANAGEMENT STUDENTS AT THE UNIVERSITY OF ALICANTE**
  F. Garcia Lillo, B. Marco Lajara, H. Molina Manchón, V. Sabater Sempere, M. Ubeda Baeza

- **EXTRACURRICULAR ACTIVITIES AND BIOCHEMISTRY TEACHING**
  L. Aguilar-Santelises, A. García del Valle, M. Aguilar-Santelises, R. Rangel Corona, T. Corona-Ortega, M. Cruz-Millán

- **LEARNING BY PLAYING IS A GOOD STRATEGY TO FACILITATE BIOCHEMISTRY TEACHING**
  A. García del Valle, L. Aguilar-Santelises, R. Rangel Corona, T. Corona, M. Aguilar-Santelises, M. Cruz-Millán
• MICROSCALE IN BIOCHEMISTRY LABORATORIES
  T. Corona-Ortega, B. Weiss-Steider, A. García-del Valle, M. Cruz-Millán, L. Aguilar-Santelises, R. Rangel-Corona

• NON-STRUCTURING LABORATORY TEACHING FOR ENGINEERING UNDERGRADUATE STUDENTS
  C. Cameselle, S. Urrejola

• OPTICS CLASSROOM TEACHING DEMONSTRATIONS FOR SECONDARY SCHOOL
  A. Guirao, H. Pérez, A. Velázquez

• STRENGTHENING OF THE BASIC CONCEPTS
  J. Sepulcre, G. Mora, J. Navarro

• STUDENT’S OPINION ON AN ADAPTED METHODOLOGY AND ASSESSMENT TO THE EUROPEAN SPACE FOR HIGHER EDUCATION

• STUDY OF REQUIRED COMPETENCIES AND SKILLS FOR AGRICULTURAL VOCATIONAL TEACHERS BASED ON DELPHI TECHNIQUE. CASE STUDY: KERMANSHAH PROVINCE
  S. Rajabi, A. Papzan

• SUSTAINABILITY AS A CORE COMPETENCY IN HIGHER EDUCATION OF ENGINEERING

• USING TECHNOLOGICAL SOFTWARE FOR TEACHING ENGINEERS: CHANGING THE ORDER
  J. Paredes-Arquiola, R. Barat, A. Solera, M.A. Eguibar
ORAL SESSIONS TUESDAY MORNING
Pedagogical Innovations in Education: Collaborative and Problem-based Learning
Session chair: Pieter Joubert. University of Pretoria (SOUTH AFRICA)

Tuesday, 7 of July
Room: Güell

08:30 PUTTING THE HANDS IN HANDS-ON TEACHING
   E. Heinrich

08:45 COLLABORATIVE LEARNING IN THE WEB 2.0 ENVIRONMENT: AN UNDERGRADUATE CASE STUDY
   S. Roodt, C. De Villiers, P. Joubert, N. Oelofse

09:00 DESIGN OF COOPERATIVE AND PROBLEM BASED LEARNING ACTIVITIES FOR AN ENGINEERING THERMODYNAMICS COURSE. A CASE STUDY
   A. Aranzabal

09:15 WHERE IS MY AVATAR? OPPORTUNITIES FOR LEARNING IN VIRTUAL WORLDS
   L. Kuznik

09:30 FROM THE CASE-METHOD TO THE PROBLEM-BASED LEARNING IN BUSINESS MANAGEMENT TEACHING
   C. Devece

09:45 EXPLORING THE IMPLEMENTATION OF PEER GROUP SUPERVISION IN A BUSINESS BACHELOR PROGRAMME
   C. Kummer

10:00 TEAM-WORK IN BIOTECHNOLOGY: RESULT OF THE QUALITY ASSESSMENT

10:15 COLLABORATIVE TRANSLATION: TURNING SOLIPSISM INTO SYNERGY
   V. Gaballo
# E-Learning: E-learning Projects and Experiences (3)

**Session chair:** Pamela Waldron-Moore. Xavier University of Louisiana (UNITED STATES)

*Tuesday, 7 of July*

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<td>08:30</td>
<td>STRATEGIES FOR SUCCESS: META-COGNITIVE VIDCASTS FOR ORIENTATION OF ONLINE LEARNERS</td>
<td>G. Richards, N. Ostashewski</td>
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<td>08:45</td>
<td>UNIVERSITY WIDE INITIATIVE - IMPLEMENTATION OF COMMON E-LEARNING PLATFORM AT RIGA TECHNICAL UNIVERSITY</td>
<td>Z. Zitmanis</td>
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<td>09:00</td>
<td>WATER LOGGED BUT NOT SHIPWRECKED: VIRTUAL CLASSROOMS AS A TRANSFORMATIVE OPTION</td>
<td>P.N. Waldron-Moore, R.V. Akbar</td>
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<td>09:15</td>
<td>COMBAR – AN INNOVATIVE E-LEARNING METHODOLOGY TO OVERCOME COMMUNICATIVE BARRIERS IN VET-EDUCATIONS</td>
<td>L. Ziska, P. Thomsen</td>
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<td>09:30</td>
<td>PEER PRODUCTION OF ELEARNING AND THE CHALLENGE OF QUALITY MANAGEMENT</td>
<td>A.M. Auvinen</td>
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<td>09:45</td>
<td>FINDING THE PHILOSOPHER'S STONE: THE CREATION OF SOPHISTICATED E-LEARNING ITEMS IN THE HUMANITIES</td>
<td>M. Jardine, M. Sauvage</td>
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<td>10:00</td>
<td>E-COMMERCE AND E-MARKETING COURSE AN E-LEARNING EXPERIENCE</td>
<td>M. Almeida, M. Sousa</td>
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<td>10:15</td>
<td>“WHY ARE WE IN THE FLOOR?” LEARNING ABOUT THEATRE DESIGN IN SECOND LIFETM</td>
<td>M. Childs, I. Kuksa</td>
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**Computer Supported Collaborative Work (1)**  
*Session chair: Peter Toth. Budapest Polytechnic (HUNGARY)*

*Tuesday, 7 of July  Room: Barcelona*

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<td>08:30</td>
<td>EXPERIENCE ON NETWORK COLLABORATIVE WORK IN THE ESAR PROJECT OF INTERNATIONAL COOPERATION</td>
<td>M.D. Sánchez González, A. de Echave Sanz, F.J. Serón Arbeloa</td>
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<td>08:45</td>
<td>NO IMMERSIVE VIRTUAL ENVIRONMENTS FOR HIGH EDUCATIONAL PURPOSES. COMPARING LEARNING ENVIRONMENTS: CONVENTIONAL ENVIRONMENT VS. SECOND LIFE</td>
<td>D. Casado Neira, E. Barreiro Alonso</td>
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<td>09:00</td>
<td>SUCCESSFUL IT PEDAGOGICAL INTEGRATION: HAVING A LOOK AT THE WHOLE PICTURE</td>
<td>C. Barette, M. Gazaille</td>
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<td>09:15</td>
<td>TOWARDS AN EFFECTIVE E-LEARNING 2.0</td>
<td>P. Isaias, P. Miranda, S. Pifano</td>
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<td>09:45</td>
<td>PROFILE-BASED RECOMMENDATION OF AND BY DOMAIN EXPERTS SUPPORTING WEB 2.0 COMMUNITY PARADIGMS</td>
<td>G. Eichler, A. Lommatzsch</td>
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<td>10:00</td>
<td>COOPERATIVE LEARNING BY UTILIZATION OF 2ND GENERATION WEB TECHNOLOGIES</td>
<td>P. Toth</td>
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<td>10:15</td>
<td>INNOVATION PROCESS IS FACILITATED IN VIRTUAL ENVIRONMENT OF R &amp; D TEAMS</td>
<td>M. Shafia, N. Ale Ebrahim, S. Ahmed, Z. Taha</td>
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Experiences in Research: Academic Research Projects

Session chair: Cecília Guerra. Universidade de Aveiro (PORTUGAL)

Tuesday, 7 of July

Room: Tibidabo

08:30 INFORMATION LITERACY SKILLS PROGRAMS AT THREE MAJOR SAUDI UNIVERSITY LIBRARIES
H. Alsereihy, M. Alsuraihi

08:45 DATA MINING IN DEDUCING LEARNING GAPS AND EXAM FAILURE AMONG STUDENTS
V.P. Bresfelean, R. Lacurezeanu, N. Ghisoiu, M. Vlad

09:00 THE IMPACTS OF RELATIONAL LINK TRAINING ON VIRTUAL TEAMS: A TIP INVESTIGATION
P. Beranek, C. Claiborne

09:15 THE CHALLENGE OF TEACHING EVALUATIONS: THE MATURITY OF LEARNING ORGANISATIONS
P. Halloran

09:30 CONNOTATIVE DIFFERENCES BETWEEN ENGLISH AND SPANISH: A PRELIMINARY STUDY
T. Maghrak-Sherve

09:45 IMPLEMENTATION OF EDUCATIONAL TECHNOLOGY IN PORTUGUESE PRIMARY TEACHER EDUCATION PROGRAMS
C. Guerra, A. Moreira, R.M. Vieira

10:00 THE LIVES OF ARTISTS – A GENDERED VIEW IN THE WRITING OF BIOGRAPHIES OF WELSH WOMEN ARTISTS
P. Collet

10:15 METHODOLOGICAL SPECIFICS OF RESEARCH IN THE FIELD OF MEDIA EDUCATION: A CSFD.CZ CASE SURVEY
J. Kratka, P. Vacek
# Pedagogical Innovations and Experiences in Foreign Language Learning / Education (1)

**Session chair: Miriam Schcolnik. Tel Aviv University (ISRAEL)**

*Room: Milá*

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<td>Communications Technology in Foreign Language Teaching</td>
<td>S. R. Stan</td>
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<td>08:45</td>
<td>Embedding Intercultural Competence: Teaching International Students How to Think Critically and Communicate Across Cultures</td>
<td>S. Ludewig</td>
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<td>09:00</td>
<td>Living the Language - Exploring the Strehgnts of Foreign Language Learning in Large Groups through the Creation of an Environment which Fosters Communication, Creativity, Interaction and Immersion</td>
<td>R. Dereta</td>
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<td>09:15</td>
<td>Combined Evaluation of a Virtual Learning Environment: Use of Qualitative Methods and Log Interpretation to Evaluate a Computer Mediated Language Course</td>
<td>M. Estrada, R. Navarro-Prieto, M. Quixal</td>
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<td>09:30</td>
<td>Technology-Enabled Creation: Webpage Projects in Language Learning</td>
<td>M. Schcolnik</td>
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<td>Evaluation Model for Validation and Optimization of Virtual Platforms and Courses to Strengthening the Teaching Skills of English</td>
<td>G. Largo Ordóñez, J. Guevara Bolaños</td>
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# Experiences and Pedagogical Innovations in Life & Health Sciences Education (1)

**Session chair: Andrei Achimas Cadariu. Iuliu Hatieganu University (ROMANIA)**

*Tuesday, 7 of July*  

**Room: Montjuic**

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| 08:30 | **“VIRTUAL QUIZ”: A TOOL FOR ACTIVE LEARNING AND ASSESSMENT IN CLINICAL ANATOMY**  
| 08:45 | **TEACHING RESEARCH METHODOLOGY AT POSTGRADUATE LEVEL IN LIFE SCIENCES**  
A. Achimas Cadariu, L. Achimas Cadariu |                                                                                                 |
| 09:00 | **PEER-TEACHING THROUGH STUDENT DEVELOPMENT AND IMPLEMENTATION OF CASE-BASED STUDIES IN INTRODUCTORY LIFE SCIENCE COURSES**  
J.B. Hoffman, A.P. Benson |                                                                                                 |
| 09:15 | **ENHANCING THE UNDERGRADUATE RESEARCH EXPERIENCE THROUGH DEVELOPMENT OF THE MENTOR-MENTEE RELATIONSHIP**  
J.B. Hoffman, D.V. Arbona |                                                                                                 |
| 09:30 | **BLOGGING ASSIGNMENT IN A HEALTH MANAGEMENT COURSE: AN INNOVATIVE EXPERIENCE IN PUBLIC HEALTH POSTGRADUATE EDUCATION**  
J. Jimenez-Pernett, JF. García-Gutiérrez, S. Minué-Lorenzo, C. Bermúdez-Tamayo |                                                                                                 |
| 09:45 | **A COMPUTER-ASSISTED LEARNING EXERCISE FOR TEACHING OF STRUCTURAL BIOLOGY: A CASE OF SIMULATED DISCOVERY TO PROMOTE ACTIVE LEARNING**  
D. Sheehan, S. O’Sullivan |                                                                                                 |
| 10:00 | **KNOWLEDGE EXCHANGE NODES IN PUBLIC HEALTH: TWO SUCCESSFUL PRACTICAL EXPERIENCES**  
JF. García-Gutiérrez, J. Jimenez-Pernett, P. Martínez-Cabrero, S. Minué-Lorenzo |                                                                                                 |
| 10:15 | **SERVICE LEARNING, DISASTER DRILLS, AND STUDENTS: SUCCESSFUL LEARNING PARTNERSHIPS**  
R. Guin, N. Darland |                                                                                                 |
### Pedagogical Innovations in Education: Learning and Teaching Methodologies

**Session chair: Sharon Jumper. Norwich University (UNITED STATES)**

**Tuesday, 7 of July**

**Room: Güell**

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<td><strong>USING SOCRATIC TECHNIQUES TO INCREASE LEARNING OUTCOMES IN ONLINE EDUCATION</strong></td>
<td>S. Jumper</td>
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<td>**APPLICATION OF THE CMAP TOOLS PROGRAM TO ENVIRONMENTAL EDUCATION FOR SUSTAINABLE</td>
<td>Mª.A. Murga Menoyo, Mª.J. Bautista-Cerro Ruiz, M. Novo, M. Melendro Estefanía</td>
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<td>DEVELOPMENT AT SPAIN’S NATIONAL DISTANCE EDUCATION UNIVERSITY**</td>
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<td><strong>DEVELOPMENT OF AN E-LEARNING MATERIAL TO IMPROVE VISUAL GAIT ANALYSIS</strong></td>
<td>S. Monterde Pérez, L. Marqués Molias, I. Miralles Rull, S. Montull Morer, I. Salvat Salvat, M. Inglés Novell</td>
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<td>11:45</td>
<td><strong>TOWARDS BLENDED LEARNING FOR DEAF STUDIES AT THIRD LEVEL IN IRELAND</strong></td>
<td>L. Leeson, B. Nolan</td>
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<td><strong>LEARNING BY RESULT-DRIVEN PROBLEM-SOLVING. A CONCRETE APPLICATION USING SPREADSHEETS</strong></td>
<td>G. Fiorentino, A. Fabrizio, G. Pacini</td>
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<td><strong>ANALYZING HOW A BEGINNER METHODOLOGY AFFECTS IN STUDENTS. AN EXPERIENCE IN CERTIFICATE</strong></td>
<td>L. Fernandez</td>
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<td>OF PEDAGOGICAL APTITUDE COURSE IN THE UNIVERSITY OF THE BASQUE COUNTRY**</td>
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<td><strong>COMPUTER ASSISTED LEARNING: CAN IT LEAD TO A BETTER UNDERSTANDING OF HIGHLY ABSTRACT</strong></td>
<td>A. Kiviet, A. Mji</td>
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<td>SCIENTIFIC PROCESSES IN A BIOLOGY CURRICULUM OF A FOUNDATION YEAR PROGRAM AT PRETORIA</td>
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<td>UNIVERSITY, SOUTH AFRICA?</td>
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<td>12:45</td>
<td><strong>IMPLEMENTING EUROPEAN HIGHER EDUCATION AREA PRINCIPLES THROUGH INTERACTIVE TEACHING:</strong></td>
<td>F. Diez, M. De la Peña</td>
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<td>EXPERIENCES IN COMMERCIAL LAW AND ETHICS OF VOLUNTARY WORK**</td>
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<td>13:00</td>
<td><strong>DESIGN IN PRACTICE— A MACHINE DESIGN PROJECT AT VÄXJÖ UNIVERSITY</strong></td>
<td>S. Khoshaba, F. Rovira-Más</td>
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<td><strong>TEACHING PRIMARY RESEARCH IN THE INTERNET ERA: CONNECTING COMMUNITY COLLEGE STUDENTS</strong></td>
<td>N.A. Cook</td>
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<td>TO COMMUNITY RESOURCES THROUGH RESEARCH WRITING ASSIGNMENTS**</td>
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### E-Learning: Mobile & Blended Learning

**Session chair: Alexander Schmoelz. University of Vienna (AUSTRIA)**

**Tuesday, 7 of July**

**Room: Batlló**

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<td><strong>MAKING THE MOVE FROM STATIC TO ACTIVITY-BASED E-LEARNING: INVESTIGATION OF A POSSIBLE MODEL</strong></td>
<td>S. Atkinson, R. Weeks, M.T. Barbaux, A. O'Hara, F. Waugh, S. Egan</td>
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<td><strong>MICROTRAINING AS AN EFFECTIVE WAY TOWARDS SUSTAINABILITY</strong></td>
<td>P. de Vries, H. K. Lukosch, M. G. F. Overschie</td>
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<td><strong>FREE DISTANCE EDUCATION COURSES ON URBAN TOPICS AT LINCOLN INSTITUTE OF LAND POLICY: A FIVE-YEAR EXPERIENCE IN LATIN AMERICA</strong></td>
<td>D. Erba, M. Smolka</td>
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<td><strong>QUALITY ASSURANCE AND MASS COURSES – BLENDED LEARNING IN PRACTISE</strong></td>
<td>A. Schmoelz, A. Payrhuber</td>
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<td><strong>3C: A STRATEGIC APPROACH TO ENABLING, INTEGRATING AND ENHANCING BLENDED (E)LEARNING WITHIN AN INSTITUTIONAL FRAMEWORK</strong></td>
<td>P. Duffy</td>
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<td><strong>STUDENTS’ ACCEPTANCE AND USE OF VIRTUAL CAMPUS IN HIGHER EDUCATION: AN EMPIRICAL RESEARCH</strong></td>
<td>M. Carmona</td>
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<td><strong>THE BLENDING OF THREE CHANNELS FOR DELIVERING A COMPREHENSIVE AND INNOVATIVE DISTANCE LEARNING COURSE</strong></td>
<td>M. Feituri, I. Mascitti, F. Funghi, P. Degasperi</td>
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<td><strong>&quot;NEW&quot; WAYS OF PEDAGOGICAL WORK USING THE B-LEARNING IN HIGHER EDUCATION</strong></td>
<td>C. Leite, L. Lima, A. Monteiro</td>
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<td><strong>CONTEXT-AWARE ADAPTATION PROCESS TO BUILD UNITS OF LEARNING BASED ON IMS-LD STANDARD</strong></td>
<td>S. Gómez, C. Mejía, D. Huerva, R. Fabregat</td>
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<td>13:15</td>
<td><strong>MOBILE PHONES BRIDGING THE GAP BETWEEN YOUNG MARGINALISED PEOPLE AND LEARNING</strong></td>
<td>I. Marschalek, E. Unterfrauner, C.M. Fabian</td>
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# Educational Software & Serious Games

**Session chair: Isaac Larison. Northern Kentucky University (UNITED STATES)**

**Tuesday, 7 of July**

**Room: Barcelona**

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<td>T. Muns</td>
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<td><strong>AGROTECH09: BUILDING AGRICULTURAL ROBOTS WITH LEGO MINDSTORM. A MULTIDISCIPLINARY AND MULTICULTURAL APPROACH</strong></td>
<td>P. Barreiro, B. Recio, B. Diezma, V. Mendez, M.C. Morato, E. Martinez</td>
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<td><strong>THE IMPLEMENTATION OF GAMES IN EDUCATION. A DUTCH EXAMPLE</strong></td>
<td>H. Van der Meijden</td>
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<td><strong>GETTING YOUR GAME ON: TOWARDS A GAMING ADOPTION MODEL FOR EDUCATION</strong></td>
<td>S. Roodt, P. Joubert</td>
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<td><strong>“THAT'S THE WAY WE WANT TO LEARN!” ICT WORKSHOP AT A PRIMARY SCHOOL</strong></td>
<td>R. Kooij, C. Balch</td>
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<td><strong>MECHANICAL MOM / DIGITAL DAD / TECHNOLOGICAL TEACHER: SUCESSFUL EDUCATIONAL SOFTWARE READING PROGRAMS IN EARLY ELEMENTARY GRADES</strong></td>
<td>I. Larison</td>
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<td><strong>TO ANALYZE AND IMPROVE THE QUALITY OF REQUIREMENTS BY AN EFFECTIVE MODEL</strong></td>
<td>U. Khan, M. Elammari, A. Tawfig</td>
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<td><strong>CHEMISTRY IS EVIL, MALICIOUS AND MALEVOLENT, SO TEACHING CHEMISTRY HAS TO BE TEDIOUS, BORING AND MONOTONOUS</strong></td>
<td>L. Jiménez-Esteller, D. T. Boer</td>
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<td><strong>BEAT THE DOLPHIN – A MULTIMEDIA DEMONSTRATION OF DOLPHIN ECHOLOCATION</strong></td>
<td>T. Papadopoulos, J.E.N. Christensen, P.D. Fox, R. Allen, S. Dorney, P.R. White</td>
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# Experiences in Research

**Session chair: Thomas Baaken. Muenster University of Applied Sciences (GERMANY)**

**Tuesday, 7 of July**

*Room: Tibidabo*

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<td>T. Baaken, S. Gosejohann</td>
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<td>INTERACTION MODEL SUPPORTING COLLABORATION BETWEEN UNIVERSITY AND INDUSTRY</td>
<td>R. Strazdina, M. Kirikova</td>
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<td>CREATING THE &quot;INTERNATIONAL ACADEMIC BIOETHICS NETWORK&quot;</td>
<td>B. Feuillet-Liger</td>
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<td>M. Codato, I. Testoni, L. Ronconi</td>
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<td>E-FASHION BUSINESS: BUSINESS–TO–CUSTOMER MODEL</td>
<td>C. Arvaniti</td>
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<td>CONTINUOUS RESPONSE EVALUATION OF DIGITAL VIDEO CLIPS OVER THE INTERNET</td>
<td>G. Richards, T. Tin, H. Geng</td>
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<td>INTERVIEWS, PARTICIPANT JOURNALS, ETHNOGRAPHIC OBSERVATION AND FOCUS GROUPS: THE AFFORDANCES OF A MULTI METHOD QUALITATIVE APPROACH IN THE STUDY OF STUDENTS AND TEACHERS</td>
<td>J. Salisbury, M. Jephcote</td>
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<td>TECHNIQUES AND STRATEGIES, ARE THEY IMPORTANT TO LEARNING ENGLISH?</td>
<td>V. Portillo Campos, N. Casas Pérez, Y. Uitzil Escalante, R. Cordova Baruch, A. Paredes Anguas</td>
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<td>CULTURAL PROBES. A TOOL FOR PARTICIPATORY DESIGN OF MOBILE LEARNING IN A MUSEUM</td>
<td>R. Pace, P. Limone</td>
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Pedagogical Innovations and Experiences in Foreign Language Learning / Education (2)
Session chair: Jeanne Van Dyk. University of Pretoria (SOUTH AFRICA)
Tuesday, 7 of July

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<td>J. Nikolic</td>
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<td>THE LANGUAGE CLINIC (LC) PROJECT AT CITY UNIVERSITY OF HONG KONG: AN OUTCOME-BASED ENGLISH MENTORING SCHEME</td>
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<td>D. Santandreu Calonge, E. Wong, G. Wong, I. Chui</td>
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<td>FOREIGN LANGUAGE LEARNING THROUGH ORAL TRANSLATION PRACTICE OF MULTILINGUAL NEWS WEBSITES</td>
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<td>ENGLISH NET: AN INTRANET PORTAL FOR ENGLISH LANGUAGE TEACHING (ELT)</td>
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<td>TASK-BASED LSP LEARNING WITH CONCORDANCE AND COGNITION TECHNOLOGIES</td>
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<td>A. Atabekova</td>
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<td>B. Arap, F. Cakmak</td>
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<td>THE USE OF STANDARDIZED PATIENT CASE STUDIES FOR ENHANCED ASSESSMENT OF INTIMATE PARTNER VIOLENCE (IPV) DURING PREGNANCY: AN INNOVATIVE PEDAGOGICAL STRATEGY FOR NURSING ASSESSMENT AND INTERVENTION</td>
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<td>VIRTUAL HOSPITAL - SUPPORT OF TRAINING FOR THE DEVELOPMENT OF COMPETENCES OF CLINICAL JUDGEMENT</td>
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ORAL SESSIONS TUESDAY AFTERNOON
Experiences in Education: Transferring Skills and Disciplines
Session chair: Genevieve Gorrell. University of Sheffield (UNITED KINGDOM)

Tuesday, 7 of July

Room: Güell

14:45 COMMON METHOD VARIANCE IN QUESTIONNAIRE-BASED STUDIES OF METACOGNITION
G. Gorrell, N. Ford, A. Madden, P. Holdridge, B. Eaglestone

15:00 TRAINING TEACHERS TO USE COMPUTER BASED TECHNOLOGY IN A MULTI LITERACY CONTEXT
A. Ezeiza, M. Garmendia Mujika, A. Perez Manso

15:15 MULTISENSORIAL EXPERIENCES AND ART EDUCATION: THE COMPLEX CONSTRUCTION OF SIGNIFICANT MEANINGS
B. Tomsic Cerkez

15:30 INDIVIDUALISATION OF LEARNING STRATEGIES WITHIN PROBLEM BASED LEARNING IN THE FIELD OF VISUAL ART EDUCATION
B. Tomsic Cerkez

15:45 EXPLOIT ALL MENTAL ABILITIES OF STUDENTS
A. Guney

16:00 THE EDUCATION OF COLOR IN BASIC DESIGN
Ö. Kaptan

16:15 DOMINANCE OF CALLIGRAPHY IN SPACE “THE GLAMOUR OF WHITE”
M. Uygungöz

16:30 LEADING THE STUDENT TO SEARCH AND TO CREATE NEW TECHNIQUES AND MATERIALS IN SCULPTURE EDUCATION
C. Öztürk
General Issues: Education, Globalization and Development
Session chair: Becky Kwan. City University of Hong Kong (HONG KONG)

Tuesday, 7 of July

Room: Batlló

14:45 PUBLISHING RESEARCH IN INTERNATIONAL JOURNALS: WHAT TYPES OF COACHING DO DOCTORAL STUDENTS IN HONG KONG RECEIVE FROM THEIR SUPERVISORS?
B.S.C. Kwan

15:00 INDIA – RISE OF A NEW (ECONOMIC) PLAYER IN A GLOBALIZED WORLD
B. Schroettner

15:15 THE IMPORTANCE OF GLOBAL THINKING - OVERCOMING THE OBSTACLES OF EMERGING CONFLICT PATTERNS IN THE 21ST CENTURY
B. Schroettner

15:30 EDUCATIONAL PROCESS EFFICIENCY ANALYSIS BY DATA ENVELOPMENT ANALYSIS METHOD
M. Roman, E. Jaba

15:45 THE SOCIAL-EDUCATIONAL MEDIATION IN THE CONSTRUCTION OF AN EDUCATING CITY: THE USE OF WEB FORUMS AND ONLINE QUESTIONNAIRES
J. Lúcio

16:00 UNIVERSITY-INDUSTRY COOPERATION. THE RATIONALE FOR, IMPACT AND PERSPECTIVES
V. Afteni, O. Soimu

16:15 IDEA (INTERIOR DESIGN EXPERIENCE APPROACH) ENVIRONMENTAL SYSTEM
A. Biamonti

16:30 ROADLOCKS TO WOMEN BELLWETHERS
S. Malik
Computer Supported Collaborative Work (2)
Session chair: Adam Johnson. Harvey Mudd College (UNITED STATES)

Tuesday, 7 of July

Room: Barcelona

14:45 A WEB 2.0 COMMUNITY OF PRACTICE ON MULTILINGUALISM
M. Estella

15:00 THE VIRTUAL INORGANIC PEDAGOGICAL ELECTRONIC RESOURCE: AN ONLINE TEACHING MATERIALS REPOSITORY AND INTERACTIVE SOCIAL NETWORKING ENVIRONMENT FOR INORGANIC CHEMISTRY EDUCATORS

15:15 INFORMATIONAL GUIDE OF CANALCIÊNCIA AS A PEDAGOGICAL TOOL TO BRING CLOSER SCIENCE AND SOCIETY, KNOWLEDGE AND INFORMATION
L.V. Ribeiro Pinheiro, M. Rocha da Silva, S. Burnier, F. Barros, C. Guerra

15:30 ENHANCING LEARNING EXPERIENCES THROUGH WEB 2.0 TECHNOLOGIES – FIT LTD. EXPERIENCES FROM EUROPEAN PROJECTS
M. Fojk, D. Kelleher

15:45 MOBILIZING LEARNING: MOBILE WEB 2.0 SCENARIOS IN TERTIARY EDUCATION
T. Cochrane, R. Bateman, P. Cliffin, J. Gardner, I. Henderson, S. Holloway

16:00 ICAMP – EXPLORING THE USE OF SOCIAL SOFTWARE IN HIGHER EDUCATION
B. Kieslinger, C.M. Fabian, S. Fiedler

16:15 A STUDY ON APPLYING WIKI PLATFORM FOR THE DESIGN OF GROUP ACTIVITIES IN VISUAL ART INSTRUCTION
G-N. You, Y-H. Wang
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<td>AN INNOVATIVE LEARNING MODEL FOR TEACHING ARCHITECTURAL TECHNOLOGY USING BUILDING INFORMATION MODELLING: A QUEENSLAND UNIVERSITY OF TECHNOLOGY PERSPECTIVE</td>
<td>D. Nielsen, M. Fleming, A. Kumarasuriyar</td>
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<td>NODAL DELIVERY EDUCATION: REMOVING DISTANCE FROM DISTANCE EDUCATION WHILE ACCELERATING AND ENHANCING THE LEARNING PROCESS</td>
<td>S. Whitmoyer, Z. Haywood, P. Hoppe</td>
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<td>DEVELOPING LEARNING MANUALS FOR EUROPEAN CONSTRUCTION PROJECT MANAGERS</td>
<td>E. Pellicer, V. Yepes, J.C. Teixeira, J. Catalá</td>
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<td>INTERNATIONAL DESIGN GOVERNANCE: TOOLS AND METHODS FOR BUILDING AND MANAGING GLOBAL VALUE CHAINS</td>
<td>V. Auricchio</td>
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Pedagogical Innovations and Experiences in Foreign Language Learning / Education (3)
*Session chair: Yoshifumi Fukada. Meisei University (JAPAN)*

*Tuesday, 7 of July*

**Room: Milá**

14:45 **ON SEARCHING, COLLECTING, AND SHARING: LANGUAGE LEARNING IN DIGITAL AND PHYSICAL DOMAINS**  
*J. Bybee*

15:00 **EXPLORING THE POTENTIAL OF LANGUAGE LEARNING THROUGH VIDEO MAKING**  
*D. Masats, M. Dooly, X. Costa*

15:15 **INCREASING LANGUAGE LEARNERS’ OPPORTUNITIES OF HAVING “AUTHENTIC” TARGET LANGUAGE INTERACTIONS THROUGH TASK-BASED LEARNING AND ITS OUTCOMES: RESULTS FROM THE MEISEI SUMMER SCHOOL PROJECT**  
*Y. Fukada*

15:30 **ENHANCING LANGUAGE LEARNING EXPERIENCE THROUGH CASE STUDY AND ROLE PLAY INTEGRATION ON THE STAGE OF HIGHER EDUCATION**  
*E. Talalakina*

15:45 **TRAINING SELF AND PEER EVALUATION SKILLS –A MOVIE PAINTS A MILLION WORDS**  
*M. Gillon Dowens, J. McKenny*

16:00 **THE MINIMALIST READING MODEL: RE-EVALUATING GLOSSES AND ANNOTATIONS**  
*M. Piscioneri*

16:15 **A PROPOSED PROGRAM TO DEVELOP TEACHING FOR THINKING OF PRE-SERVICE ENGLISH LANGUAGE TEACHERS**  
*H. Alwehaibi*

16:30 **ROLE PLAYING ENGLISH**  
*A. Guedes*
## Experiences and Pedagogical Innovations in Mathematics & Statistics Education (1)

*Session chair: Paola Morando. Universita' degli Studi di Milano (ITALY)*

*Tuesday, 7 of July*  
*Room: Montjuic*

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<td>I. Fernández Rúa</td>
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Session chair: Catherine Prunty. Dublin Institute of Technology (IRELAND)

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Room: Güell

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C. Prunty

17:30 AGE IS NOT A BARRIER: SENIORLAB, AN INNOVATIVE PROJECT-BASED APPROACH TO LEARNING FOR SENIOR CITIZENS
R. Torres Kompen, R. Casanovas, A. Serra, D. Moreno, D. Solano, C. Bezos, I. Fernández, S. Martínez

17:45 INTERDISCIPLINARY ACTIVITIES IN TOURISM - A WAY TO IMPROVE HIGHER EDUCATION AND FOSTER LIFELONG LEARNING
C. Guimarães, I. Oliveira

18:00 CAREER DESIGNING APPROACH IN LIFELONG LEARNING PARADIGM: LITHUANIAN UNIVERSITIES’ OBJECTIVES
E. Dailidiene

18:15 ON LINE EDUCATIONAL SUPPORT SERVICE FOR PARENTS IN EVERYDAY LIFE WITH THEIR CHILDREN
F. Olabarrieta, E. Arranz, A. Manzano, J. Martín, N. Galende
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Session chair: Helen Anderson. Manukau Institute of Technology (NEW ZEALAND)

Tuesday, 7 of July

Room: Batlló

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S. Kasola, P. Pintelas

17:30 INVESTIGATING THE RELATION BETWEEN “INFORMATION AND COMMUNICATION TECHNOLOGY” AND KNOWLEDGE PRODUCTION BY COGNITIVE MAP THE LESSONS FOR IRAN
R. Maniee, M. Farasatkhah, C. Lucas

17:45 DEVELOPMENT OF STRATEGY IN ONLINE SEARCHING: A METACOGNITIVE FOCUS
A.D. Madden, G. Gorrell, N. Ford, B. Eaglestone, P. Holdridge

18:00 SUCCESSFUL IT INTEGRATION: THE HUMAN factor BEHIND IT
M. Gazaille

18:15 THE RELATIONSHIP MODEL OF VARIABLES AFFECTING THE SELF-DIRECTED LEARNING READINESS OF UNDERGRADUATES IN AREA OF HEALTH SCIENCE, THAILAND
A. Ingard, S. Srriboonraung

18:30 RETENTION: THE DIFFERENCES BETWEEN STUDENT AND LECTURER UNDERSTANDING OF WHAT MAKES LEARNING ENGAGING IN HIGHER EDUCATION
H. Anderson

18:45 PSYCHOLOGICAL CHARACTERICTICS OF TURKISH UNIVERSITY STUDENTS APPLYING THE COUNSELING CENTER
E. Ceyhan
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Session chair: Henry Vander Meijden. Radboud University Nijmegen (NETHERLANDS)

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Session chair: Marielle Patronis. Zayed University (UNITED ARAB EMIRATES)

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<td>18:15</td>
<td>FINANCING ACADEMIC PROGRAMS IN THE PROCESS OF BOLOGNA REFORMS IN SERBIA</td>
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Session chair: Maria Luisa Sprefico. Politecnico di Torino (ITALY)

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- APPLICATION OF ENVIRONMENTAL AND FINANCIAL DATABASES TO TEACHING METHOD
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- COMPUTERIZED ADAPTATIVE TESTS: A NEW FRIENDLY AND EFFICIENCY ASSESSMENT PROCEDURE
  S. Tirado, I. Cañadas, R. Bautista

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  Y. Pérez, M. Gonzalo

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