EDULEARN10

CONFERENCE PROGRAMME
WELCOME INTRODUCTION

Dear EDULEARN10 participants,

First of all, we wish to express our deepest thanks to all people who have contributed to this second EDULEARN edition. It’s a real pleasure to count with the participation and contribution from more than 550 delegates coming from more than 65 different countries.

This fact itself makes EDULEARN10 an international meeting point for those who wish to share their experiences and results in the area of education and new learning technologies.

The previous working year has been hard, but all these efforts have been worth just by looking at the enthusiasm and motivation of all academics, researchers and professionals involved in this annual forum. The richness of the topics and contributions presented in this conference has been able to present an intense and attractive programme that will promote discussion and the exchange of ideas.

The different ways of applying new educational technologies in the different countries will surely make you broaden your vision about education and the possibilities to implement new ways of teaching and learning.

We hope you take EDULEARN10 as an opportunity to exchange ideas and results, to discover new trends in education and to listen to other projects and experiences that will surely arise from the contents of this conference.

In addition, the conference is held in a unique city that will make your stay unforgettable. Barcelona is world know for its attractive places to visit, its own architecture style, cultural heritage and typical gastronomy. For sure, it will not disappoint you.

Thank you very much for coming to share your experiences with us! We hope that you enjoy your time in EDULEARN10.

EDULEARN10 Organising Committee
MONDAY, 5th JULY 2010

08:00-09:00  Registration Desk (Mezzanine Hall)
09:00-09:45  Welcome Speech (Room Girona+Tarragona)
09:45-10:15  Welcome Coffee (Cataluña and Mediterraneo Halls)
10:15-13:45 Parallel Sessions / Morning Poster Session
13:45-15:00 Lunch Buffet (Room Girona+Tarragona)
15:00-17:00 Parallel Sessions / Afternoon Poster Session
17:00-17:30 Coffee Break (Mezzanine Hall)
17:30-20:00 Parallel Sessions / Afternoon Poster Session

TUESDAY, 6th JULY 2010

08:00-10:00 Parallel Sessions / Morning Poster Session
10:00-10:30 Coffee Break (Mezzanine Hall)
10:30-13:45 Parallel Sessions / Morning Poster Session
13:45-15:00 Lunch Buffet (Room Girona+Tarragona)
15:00-17:00 Parallel Sessions / Afternoon Poster Session
17:00-17:30 Coffee Break (Mezzanine Hall)
17:30-19:45 Parallel Sessions / Afternoon Poster Session
19:45-21:00 Closing Honour Wine (Garden)

WEDNESDAY, 7th JULY 2010

Sightseeing tour to Barcelona (Information at the reception desk)
## Overview: Tuesday, 6th July 2010

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<th>Room: Tibidabo</th>
<th>Room: Milà</th>
<th>Room: Montjuic</th>
<th>Room: Poster Room</th>
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<td>08:00</td>
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<td>Pedagogical Innovations, New Learning/Teaching Models and Methodologies</td>
<td>e-Learning, Projects and Experiences (1)</td>
<td>Educational Software &amp; Serious Games (1)</td>
<td>Experiences in Education (1)</td>
<td>Pedagogical Innovations &amp; Experiences in Foreign Languages Education (1)</td>
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<td>15:00</td>
<td>Technology-Enhanced Learning (2)</td>
<td>Pedagogical Innovations in Education. Learning and Teaching Methodologies</td>
<td>e-Learning, Projects and Experiences (3)</td>
<td>Pedagogical Innovations and Experiences in Mathematics &amp; Statistics Education</td>
<td>General Issues in Education</td>
<td>e-Learning Projects and Experiences in Health Sciences</td>
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**Coffee Break (Mezzanine Hall)**

- 10:00 - 10:30

**Lunch Buffet (Room Tarragona + Girona)**

- 13:45 - 15:00

**Closing Honour Wine (Garden)**

- 19:45 - 21:00
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Welcome Speech & Plenary Session

Monday, 5th of July

Room: Girona + Tarragona

09:00-09:25  Welcome Address

Mr. Antonio García Ricós

Member of EDULEARN10 Organising Committee
Miembro del Comité Organizador de EDULEARN10

Mr. Manel Camós Grau

Director of European Commission Representation in Barcelona
Director de la Representación de la Comisión Europea en Barcelona

THE EUROPEAN COMMISSION’S DIGITAL AGENDA
M. Camós Grau

09:25-09:45  Plenary Session

Mr. George Ubachs

Managing Director of EADTU
The European Association of Distance Teaching Universities

EPICS FR VIRTUAL ERASMUS.
G. Ubachs, P. Henderikx, C. Brey

09:45-10:15  Welcome Coffee
ORAL SESSIONS MONDAY MORNING
Enhancing Learning and the Undergraduate Experience
Session chair: Jacqueline Carter. The University of Manchester (UNITED KINGDOM)
Monday, 5th of July
Room: Güell

10:15 REAL DATA; REAL WORLD; REAL STORIES: A CASE STUDY APPROACH TO DEMONSTRATING IMPACT ON THE STUDENT EXPERIENCE
J. Carter

10:30 INTEGRATING VISUAL LITERACY SKILLS AND TEXTUAL LITERACIES IN THE IMPROVEMENT OF STUDENTS’ WRITING AT TERTIARY LEVEL
J. Suan Choo Chuah, M. Kaur Mehar Singh

10:45 TOWARDS IMPROVING THE ACADEMIC PERFORMANCE IN NATIONAL DIPLOMA MECHANICAL ENGINEERING THERMODYNAMICS STUDENTS
C. Louw, J. Mammen

11:00 A CAMPUS WIDE QUANTITATIVE REASONING INITIATIVE AT OHIO VALLEY UNIVERSITY
G. Wells

11:15 CHALLENGES OF TEACHING TO AUDIENCES WITH DISPARATE SCIENTIFIC BACKGROUNDS – USING WEB BASED TECHNOLOGY TO OVERCOME THE DIFFICULTY
C. Brisson

11:30 AN EVALUATION OF RESEARCH PROJECT COURSE IN FACULTIES OF EDUCATION: THE CASE OF SCIENCE STUDENT TEACHERS
N. Kala, A. Ayas, I. Ozpinar

11:45 COOPERATIVE LEARNING IN A COMMUNITY OF PRACTICE: EXPERIENCES OF THE INNOVATION AND TEACHING IN ECONOMICS AND BUSINESS
### International Projects

**Session chair: Azharul Karim. Queensland University of Technology (AUSTRALIA)**

**Monday, 5th of July**  
*Room: Batlló*

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<tr>
<td>10:15</td>
<td><strong>DEVELOPING A NETWORK OF REGIONAL CENTRE’S FOR DELIVERY OF PROFESSIONAL VOCATIONAL EDUCATION AND TRAINING</strong></td>
<td>J. Stav, R. Støckert</td>
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<td>10:30</td>
<td><strong>XCHANGE TO LEARN – EXCELLENCE IN INTERNATIONAL MOBILITY PROJECTS</strong></td>
<td>A. Groth, P. Mirski, T. Zangerl, C. Leahr</td>
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<td>10:45</td>
<td><strong>FOSTERING TRUST IN MULTICULTURAL GLOBAL VIRTUAL TEAMS: A MODEL BASED ON THE VARIOUS STAGES OF GROUP DEVELOPMENT</strong></td>
<td>E. Verreault</td>
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<td><strong>NEW EXPERIENCES IN INTERNATIONAL COOPERATION: ADMINISTRATIVE FACTORS AFFECTING INTERNATIONAL CROSS BORDER EDUCATION: A STUDENT SUCCESS MODEL</strong></td>
<td>P. Manzanares-Gonzales, P. Gonzales</td>
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<td>11:15</td>
<td><strong>CO-LOCATED AND VIRTUAL TEAMS COMPETENCE IN INTERNATIONAL MANAGEMENT EDUCATION: PREPARING MANAGERS FOR A MULTICULTURAL WORLD</strong></td>
<td>D. Fortier</td>
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<td>11:30</td>
<td><strong>INTERNATIONAL STUDENTS IN AUSTRALIAN UNIVERSITIES: GAP BETWEEN STUDENT EXPECTATIONS AND REALITIES</strong></td>
<td>A. Karim</td>
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<td>11:45</td>
<td><strong>WHY ART AND DESIGN SCHOOLS ARE RISK AVERSE, ARE NOT RELEVANT AND DESTINED TO FAIL. DEVELOPING STRATEGIES TO BUILD PARTNERSHIPS AND FORCE THE ACADEMIE INTO COMMUNITY, AND THEN ASK FOR FORGIVENESS</strong></td>
<td>B. Canniffe</td>
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### e-Learning

**Session chair: Gergely Rakoczi. Vienna University of Technology (AUSTRIA)**

**Monday, 5th of July**

**Room: Barcelona**

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<td><strong>Conceptual Design of a Requirement-Based E-Tutoring Course at a Technical University: Increasing Students' Motivation by Using Videoconferencing</strong></td>
<td>G. Rakoczi, I. Herbst</td>
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<td>10:30</td>
<td><strong>Experiences with “What Happens If” Simulator Services in Vocational Training</strong></td>
<td>J. Stav, E. Engh, K. Arnesen</td>
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<td>10:45</td>
<td><strong>What Really Works in Promoting Student Success in an Online Course? A Predictive Analysis of Engagement Tools: Discussion Board, Group Activity and Tegrity</strong></td>
<td>J. Kehe, D. Curbeam</td>
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<td>11:00</td>
<td><strong>Oikodomos Technological Platform</strong></td>
<td>L. Madrazo, P. Riddy, A. Sicilia</td>
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<td>11:15</td>
<td><strong>Lecture Capture Systems – Are They Worth It?</strong></td>
<td>C. Brittan-Powell, A. El Haggan, H. Braha, S. Gregory</td>
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<td><strong>Socio-Affective Dimension in a Distance Learning Course</strong></td>
<td>M.F. Yong</td>
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<td><strong>The Efficiency of E-Learning System. Case Study: Arab Open University - Kuwait</strong></td>
<td>H. Sharafuddin, C. Allani</td>
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**Blended Learning (1)**  
*Session chair: David White. The University of Auckland (NEW ZEALAND)*  
*Monday, 5th of July*  
*Room: Tibidabo*

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<td>10:15</td>
<td><strong>A VIDEO ANNOTATION TOOL FOR PERSONAL AND COLLABORATIVE USE</strong></td>
<td>D. White, M. Coromandel, D. Sheridan</td>
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<td><strong>THE IMPORTANCE OF LINKING PEDAGOGY, SPACE AND TECHNOLOGY TO ACHIEVE AN EFFECTIVE LEARNING ENVIRONMENT FOR THE 21ST CENTURY LEARNER</strong></td>
<td>A. Sala-Oviedo, K. Fisher, E. Marshall</td>
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<td>F. Blaess, T. Vahlpahl</td>
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<td><strong>FROM DIRTY HARRY TO CLARICE STARLING, LEARNING TO POLICE IN A SAFE WAY: A BLENDED LEARNING APPROACH TO POLICE RECRUIT EDUCATION</strong></td>
<td>C. Bushell</td>
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<td>J. Stoltenkamp, Y. Khumalo, C. Kies</td>
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<td><strong>BLENDED LEARNING AT THE ALPEN-ADRIA-UNIVERSITAET KLAGENFURT – INITIATIVES, EFFECTS AND IMPLICATIONS</strong></td>
<td>G. Frankl, S. Zederbauer</td>
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## Learning Experiences in Primary and Secondary Education (1)

**Session chair**: Donald Burwell. *The College of Idaho* (UNITED STATES)

*Monday, 5th of July*  
*Room: Milá*

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<td>THE EFFECT OF A PROPOSED DISTANCE TRAINING PROGRAM ON EGYPTIAN TECHNICAL SECONDARY SCHOOL TEACHERS’ AWARENESS OF INFORMATION AND COMMUNICATION TECHNOLOGY</td>
<td>M.H. Hendy</td>
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<td>10:30</td>
<td>SECONDARY EDUCATION AND COMPUTER USE IN BELGIUM, TANZANIA, AND THE UNITED STATES</td>
<td>K. Wallerius</td>
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<td>TEACHING WITH TECHNOLOGY: MISSION POSSIBLE!</td>
<td>J. Nashatker, B. Mills</td>
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<td>USING VIDEO ANNOTATION SOFTWARE TO ANALYZE CLASSROOM TEACHING EVENTS</td>
<td>D. Burwell</td>
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<td>A STEP TOWARDS AN EFFECTIVE AND EFFICIENT MECHANICAL TECHNOLOGY EDUCATION MODEL FOR SOUTH AFRICAN SCHOOLS</td>
<td>D. Bessinger, J. Mammen</td>
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<td>THE EFFECTS OF EDUCATIONAL SOFTWARE INTEGRATED WITH METACOGNITIVE PROMPTS ON PRIMARY STUDENTS ACHIEVEMENT AND METACOGNITION</td>
<td>E. Yildiz, N. Tatar, E. Akpınar, Ö. Ergin</td>
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<td>TEACHERS’ BELIEFS AND PRACTICES IN TEACHING ENGLISH AT MALAYSIAN PRIMARY SCHOOLS</td>
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Pedagogical Innovations and Experiences in Architecture & Urban Planning

Session chair: Sarah Elmasry. United Arab Emirates University (UNITED ARAB EMIRATES)

Monday, 5th of July

Room: Montjuic

10:15 COURSE DELIVERY THROUGH VIDEO-CONFERENCING: A CASE STUDY FOR ARCHITECTURAL CURRICULA
M. Elimeiri, C. Marriott

10:30 CROSS-CULTURAL EDUCATION THROUGH SUSTAINABLE DESIGN STUDIOS. A UAE-USA EXPERIENCE
S. Elmasry, U. Copur

10:45 TOWARDS A SUSTAINABLE BUILT ENVIRONMENT IN THE UNITED ARAB EMIRATES REVISITING THE PEDAGOGICAL MODEL FOR EDUCATING THE YOUNGER GENERATION OF ENGINEERS
S. Elmasry

11:00 CONSTRUCTIVIST STUDIO: AN APPROACH TO ARCHITECTURAL DESIGN EDUCATION
M. Soygeniş, M. Kancioğlu, S. Ceylan

11:15 HOW IMPORTANT IS GRAPHICAL PRESENTATION IN ARCHITECTURAL DESIGN EDUCATION?
U. Topcu

11:30 DIGITAL FABRICATIONS: LEARNER-LED AND TECHNOLOGY-ENRICHED COURSE DESIGN
E. Maciejewski

11:45 GAME-PLAYING IN INTERDISCIPLINARY DESIGN AND PLANNING TEAMS. A ROLEPLAY SIMULATION AS A LEARNING METHOD
W. Toorn Vrijthoff, I. Bruil
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<td>A LUDDITE'S USE OF ELECTRONIC LOGS AS A WAY INSIDE LITERATURE</td>
<td>R. Jacklosky</td>
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<td>N. Erturk, R. Keen</td>
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<td>THE EXPERIENCE WITH UNCONVENTIONAL AUTOMATED KNOWLEDGE ASSESSMENT IN MOODLE ENVIRONMENT</td>
<td>K. Jelemenská, P. Čičák</td>
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# International Projects. Outcomes and Conclusions

*Session chair: Fernando Nieto-Fernandez. SUNY College at Old Westbury (UNITED STATES)*

*Monday, 5th of July*

Room: Batlló

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<td>S. Stapleton, A. Johnson, A. Beggan, J. Horton</td>
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<td>N. Spyropoulos, S. Valmis, A. Ganas, G. Metaxas</td>
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## Technology-Enhanced Learning (1)

**Session chair: Mark Ingram. Goucher College (UNITED STATES)**

*Monday, 5th of July  Room: Barcelona*

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<td>H. Husni, Z. Jamaludin</td>
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<td>O.A. Schulte, V. Goyanes de Miguel</td>
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**Blended Learning (2)**  
**Session chair: Carin Guarasci. Wagner College (UNITED STATES)**  

*Monday, 5th of July*  
*Room: Tibidabo*

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<td>COMPARISON OF THE EFFECTIVENESS BETWEEN THE ONLINE COURSES (E-LEARNING) AND MIXED ONLINE DISTANCE COURSES (B-LEARNING) TO DEVELOP COMPETENCIES</td>
<td>M.J. Rivero, L.M. Ramírez, S. Ceja, T.L. De la Torre</td>
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Learning Experiences in Primary and Secondary Education (2)
Session chair: Ingvar Stål. Botby HS, Skolresurs (FINLAND)

Monday, 5th of July

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Learning Experiences in Business Adm.& Mgmt. Education  
Session chair: Geoffrey Bick. University of the Witwatersrand (SOUTH AFRICA)  
Monday, 5th of July  
Room: Montjuic

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ORAL SESSIONS MONDAY AFTERNOON
Experiences in Education. Educational Management
Session chair: Hildegard Logan. Sheridan Institute of Technology and Advanced Learning (CANADA)
Monday, 5th of July
Room: Güell

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<td>H. Logan</td>
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<td>THE PERCEPTIONS OF ACADEMICIANS REGARDING THE ONLINE PERFORMANCE EVALUATION PROCESS</td>
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## Emerging Technologies in Education

**Session chair: Caroline Rizza. European Commission - Joint Research Center (ITALY)**

*Monday, 5th of July*  

**Room: Batlló**

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<td><strong>INTERACTIVE WHITEBOARDS – A PILOT PROJECT</strong></td>
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<td>K. Ajlouni</td>
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<td>M. Loi, C. Rizza</td>
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<td><strong>ENGAGING OPERATIONS MANAGEMENT STUDENTS BY DESIGNING THE UNIT WITH INDUSTRY FOCUS</strong></td>
<td>A. Karim</td>
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## Virtual Learning Environments (VLEs)

*Session chair: Sajid Khan. American University of Sharjah (UNITED ARAB EMIRATES)*

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Computer Supported Collaborative Work (1)
Session chair: Ted Clark. University of Melbourne (AUSTRALIA)

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Emerging Technologies in Primary & Secondary Education
Session chair: Aikaterini Kokkinaki. University of Bristol (UNITED KINGDOM)

Monday, 5th of July

Room: Milá

15:00 THE EFFECT OF DYNAMIC GEOMETRY SOFTWARE ON SEVENTH GRADE STUDENTS' UNDERSTANDING OF QUADRILATERALS
H. Gülbağcı, S. Olkun

15:15 E-PROJECT BASED LEARNING USING ANIMATION IN PRIMARY SCHOOLS
A. Mohd Yusof, H. Song

15:30 PRIMARY SCHOOL TEACHERS' PERSPECTIVES ON THE USE OF ICTS IN EDUCATION
A. Kokkinaki

15:45 EXPLORING INTERACTIVE WHITEBOARD USES IN CATALANISH CLASSROOMS
X. Àvila, F. Gandol, E. Carrillo, M.G. Badilla, M. Cortada Pujol, J. Riera

16:00 A STUDY ON THE EFFECTS OF EDUCATIONAL MATERIALS ON TEACHING MATHEMATICS
E. Yurt, A. Sunbul

16:15 USING TECHNOLOGY ACCEPTANCE MODEL AND INNOVATION DIFFUSION THEORY TO INVESTIGATE ELEMENTARY SCHOOL STUDENT LEARNING INTENTION BASED ON MOODLE LEARNING PLATFORM
H.M. Wu, M.T. Chang, H.I. Hsu, M.Y. Chen

16:30 THE IMPACT OF IMPLEMENTING ILEARN PROJECTS IN STUDENTS' WRITING ABILITY
T. Al-Riyami

16:45 EQUIPPING THE PUBLIC PRIMARY SCHOOLS IN PUEBLA: THE CASE OF THE ENCICLOMEDIA SYSTEM IN THE STATE OF PUEBLA, MEXICO
J.C. Botello
Pedagogical Innovations and Experiences in Business Adm.& Mgmt. (1)
Session chair: Kariena Strydom. Walter Sisulu University (SOUTH AFRICA)

Monday, 5th of July                     Room: Montjuic

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<td>BEYOND BOOKS: THE IMPACT OF THE ELECTRONIC PUBLISHING PHENOMENON ON LEARNING PERFORMANCE</td>
<td>M. Liesaputra, J. Haar, J. Scott</td>
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<td>15:15</td>
<td>THE INFLUENCE OF DYNAMIC HOMEWORK ASSIGNMENTS ON STUDENTS' LEARNING BEHAVIOR</td>
<td>M. Nettekoven, K. Ledermüller</td>
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<td>15:30</td>
<td>STUDENTS’ PERCEPTIONS OF BUSINESS GAMES AS A LEARNING TOOL IN SPAIN, IRELAND AND PORTUGAL</td>
<td>A.B. Hernández, A. Perera, M.T. Gorjup, R. Cascón, F. Campa</td>
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<td>15:45</td>
<td>F.O.O.D.: A MODEL FOR PREPARING UNDERGRADUATE STUDENTS FOR INTERNATIONAL MANAGEMENT</td>
<td>D. Fortier, E. Verreault</td>
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<td>16:00</td>
<td>WHICH SKILLS ARE DEMANDED AT THE “HUMAN RESOURCES” MARKETPLACE? – EXPLICITLY HEADED SKILLS STATED IN JOB ADVERTISEMENTS FOR FINANCE AND ACCOUNTING GRADUATES</td>
<td>K. Ledermüller</td>
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<td>16:15</td>
<td>A CONCEPTUAL MODEL FOR DIVERSITY, CULTURE AND STRATEGY IMPLEMENTATION IN TERTIARY EDUCATION</td>
<td>K. Strydom, S. Perks, E. Smith</td>
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<td>16:30</td>
<td>A METHOD FOR DECISION MAKING BASED ON PROBABILISTIC INFORMATION AND DISTANCE MEASURES</td>
<td>J. Merigó</td>
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<td>16:45</td>
<td>A METHOD FOR LINGUISTIC DECISION MAKING IN EDUCATIONAL MANAGEMENT</td>
<td>J. Merigó</td>
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### m-Learning and Mobile/Wireless Technologies

**Session chair: Roger Bateman. Unitec (NEW ZEALAND)**

**Monday, 5th of July**

**Room: Güell**

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<td>PEDAGOGY 2.0: INVIGORATING A PAPER BASED DESIGN HISTORY COURSE</td>
<td>T. Cochrane, R. Bateman</td>
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<td>USING GOOGLE GROUPS IN A M-LEARNING ENVIRONMENT</td>
<td>S. Abrantes, L. Gouveia</td>
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<td>LACE: HOW OPEN ICT HELPS TO BUILD INTERNATIONAL MASTERS IN THE BOLOGNA PHILOSOPHY</td>
<td>F. Truyen, A. Kuppens</td>
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<td>18:15</td>
<td>EXPERIENCES WITH PRODUCT ORIENTED TRAINING AND MOBILE COMPUTING IN VOCATIONAL EDUCATION AND TRAINING</td>
<td>J. Stav, E. Engh, K. Arnesen</td>
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<td>CASTING FOR KNOWLEDGE</td>
<td>V. Huse, M. McAnally, S. Bauer</td>
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<td>18:45</td>
<td>AN RESEARCH OF INTEGRATING STRATEGIES OF STS PROJECT-BASED LEARNING AND THE UBIQUITOUS-LEARNING ENVIRONMENT TO CAMPUS PLANT TEACHING FOR ELEMENTARY SCHOOL STUDENTS</td>
<td>S. Lee, F. Lin, N. Gu, W. Su</td>
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<td>19:00</td>
<td>MOBILE LEARNING APPLICATIONS AND PRACTICE IN TURKEY</td>
<td>F. Cakmak, D. Ozceylan</td>
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<td>A CASE STUDY: THE EFFECTS OF USING A CULTURAL SENSITIVE BIDIRECTIONAL TRAVELING DIALOGUES MOBILE APPLICATION ON A DESIGN EDUCATION STUDY TRIP TO JAPAN</td>
<td>T.H. Ho</td>
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<td>USING THE PERSONAL RESPONSE SYSTEM (PRS) IN PREPARATORY LEVEL MATHEMATICS COURSES</td>
<td>M. Shabeer</td>
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<td>A CURRENT REVIEW OF THE USE OF MOBILE TECHNOLOGY TO ENHANCE LEARNING AND COMMUNICATION AMONG CHILDREN WITH DEVELOPMENTAL DISABILITIES</td>
<td>H. Song, A. Mohd Yusof</td>
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### Emerging Technologies in Education. Advanced and Web Classroom Technology

**Session chair: Thomas Endres. University of Northern Colorado (UNITED STATES)**

*Monday, 5th of July*

**Room: Batlló**

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<td>S. Muegge, A.J. Baletti, D. King, S. Tanev, M. Weiss</td>
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<td>ASSESSING SOCIAL WORK PRACTICE SKILLS VIA WEBCAM TECHNOLOGY</td>
<td>P. Nelson, C. Lee</td>
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<td>DIALECTICAL TENSIONS BETWEEN ONLINE-CLASSROOM PROFESSORS AND INSTRUCTIONAL SUPPORT PERSONNEL: TOWARD A NEEDS-CENTERED MODEL OF DIALOGUE</td>
<td>T. Endres, K. Boyer</td>
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<td>NEW LEARNING TECHNOLOGIES IN TEACHING TAXATION</td>
<td>C. Lepow</td>
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<td>LEARNING PROCESS SYNCHRONIZATION INTERACTIVELY</td>
<td>H. Delebecque</td>
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<td>18:45</td>
<td>INTRODUCTION OF “PERSONAL RESPONSE SYSTEMS” (CLICKERS) FOR TEACHING ANALYTICAL CHEMISTRY AT THE UNIVERSITY OF LA LAGUNA</td>
<td>J. Hernández-Borges, V. Pino-Estévez</td>
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<td>MULTIPURPOSE MOBILE HP LABORATORY FOR SCIENCE AND ENGINEERING STUDENTS</td>
<td>T. Antimirova, M. Milner-Bolotin</td>
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<td>19:15</td>
<td>THE USE OF INSTRUCTIONAL TECHNOLOGY IN HIGHER EDUCATION: AN EMPIRICAL STUDY AT THE UNIVERSITIES OF EAST ALGERIA</td>
<td>L. Bouabdallah, H. Kherbache</td>
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<td>FACTORS PREVENTING TEACHERS’ INNOVATIVE USE OF TECHNOLOGY IN THEIR TEACHING: A CASE OF NORTH CYPRUS</td>
<td>B. Cubukcuoglu</td>
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e-Learning. Learning Management Systems (LMS)
Session chair: Georgios Dafoulas. Middlesex University (UNITED KINGDOM)

Monday, 5th of July

17:30 USING LEARNING MANAGEMENT SYSTEMS AS SUPPORT MECHANISMS FOR FORMATIVE FEEDBACK – THE CASE OF LIFELONG LEARNING

17:45 DIGITAL OFFICE HOURS: CYBER-COACHING IN A WEB-ENHANCED COURSE
D. Quarless

18:00 AN ARCHITECTURE FOR GROUPWORK MANAGEMENT BASED ON ADAPTIVE TESTING
C. de Castro

18:15 TRAINING TEACHERS IN E-LEARNING WITHOUT INTERNET ACCESS
R. Garrote Jurado, T. Pettersson, F. Seoane Martinez, P. Sigrén, M. Christie

18:30 USABILITY OF ONLINE LEARNING ENVIRONMENTS – A CASE STUDY IN HIGHER EDUCATION
S. Balula, J. Alves Diniz

18:45 TOWARDS A BLENDED-LEARNING APPROACH IN HIGHER EDUCATION: A CASE STUDY OF INTRODUCING AN E-LEARNING EXPERIENCE TO THE CONVENTIONAL LEARNING METHODS
M. Nachouki, A. Dabbagh, A. Ankit

19:00 MONITORING STUDENTS’ OVERSEAS EXPERIENCE THROUGH A LEARNING MANAGEMENT SYSTEM
C. Shirley

19:15 BLENDED LEARNING AND PEER COLLABORATION IN TEACHER EDUCATION
H. Bhatia

19:30 HERDING CATS: THE PSYCHOLOGY OF FACULTY ADOPTION OF INSTRUCTIONAL TECHNOLOGY
C. Brittan-Powell, A. El Haggan, H. Braha, S. Gregory
# Computer Supported Collaborative Work (2)

**Session chair: Lynn Jones Eaton. The University of Texas at Austin (UNITED STATES)**

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Room: Tibidabo

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<td>A STATEWIDE UNIVERSITY SYSTEM (16 CAMPUSES) CREATES COLLABORATIVE LEARNING COMMUNITIES IN SECOND LIFE</td>
<td>L. Jones Eaton, M. Guerra, S. Corliss</td>
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<td>LEARNING TOGETHER TOWARD A COMMUNITY OF LEARNING</td>
<td>V. Pandolfini</td>
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<td>INSCENA: ACTING AND LEARNING ELEMENTS OF COMPUTER PROGRAMMING ON A VIRTUAL STAGE</td>
<td>G. Chiazzese, M.R. Laganà, L. Lorenzini</td>
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<td>INTERACTIVE EDUCATIONAL ENVIRONMENT FOR ACTIVE LEARNING OF MATHEMATICS</td>
<td>J. Sekerák, S. Lukáč, D. Šveda</td>
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<td>A MODEL BASED ON INTELLIGENT VIRTUAL ENVIRONMENTS TO ASSIST THE LEARNING OF THE PROGRAMMING AND MATHEMATICS</td>
<td>R.A. Aguilar, G.E. Gómez, F. Moo Mena, R. Uicab, I. Tuyub</td>
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<td>18:45</td>
<td>WHAT IS WEB 2.0 CAPABLE OF? INDIVIDUAL AND SOCIAL KNOWLEDGE CONSTRUCTION IN HIGHER EDUCATION</td>
<td>A. Moghaddam</td>
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<td>DYNAMICS OF VIRTUAL LEARNING GROUPS AND ONTOLOGICAL SECURITY</td>
<td>H.T. Ozturk</td>
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<td>INTERACTIVE WHITEBOARD FOR REMOTE COLLABORATIVE WORK IN MATHEMATICS</td>
<td>M.A. Magaña-Lemus</td>
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<td>&quot;OF MY MEANINGFUL LEARNING EXPERIENCE&quot;: A CASE FROM A TEACHER EDUCATION COURSE</td>
<td>S. Kaartinen</td>
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<td>GLOBAL SOCIAL MEDIA IN ACADEMIA: CASE STUDIES OF MASS MEDIA COURSES</td>
<td>S. Srinivasan</td>
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<td>METHODOLOGY FOR TECHNOLOGY: USES AND MISUSES OF WEB 2.0 IN LANGUAGE EDUCATION</td>
<td>E. Ozgur Kufi, J. Eldridge</td>
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<td>17:45</td>
<td>WEBLOGGING IN KUMAMOTO: BLOGS AND BLOG COMMUNITIES AS VEHICLES FOR LANGUAGE EDUCATION</td>
<td>R. Lavin</td>
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<td>INTEGRATION OF FACE-TO-FACE TUITION AND E-LEARNING APPLIED TO LESS WIDELY TAUGHT LANGUAGES</td>
<td>M. Valecková, L. Strnadová</td>
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<td>WIKIS IN AN ENGLISH PROFICIENCY NEWS COURSE</td>
<td>A. Forrester</td>
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<td>THE APPLICATION OF NEW TECHNOLOGIES IN A FOREIGN LANGUAGE LESSON: A COMPULSORY ACTIVITY TO UPDATE OUR COURSES</td>
<td>J. Martín Gasca</td>
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<td>STUDENTS' MINI LECTURES THROUGH POWERPOINT: A LEARNING STRATEGY TO IMPROVE THEIR SPEAKING AND LISTENING SKILLS</td>
<td>M. Ahmadi</td>
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<td>ALKHALEEL: A CORPUS-BASED LEARNING TOOL FOR ARABIC</td>
<td>H. Harmain</td>
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<td>THE IMPACT OF GLOBALIZATION AND INTERNET IN EFL CLASSROOMS: A COMPARATIVE STUDY BETWEEN CHINA AND IRAN</td>
<td>G. Modarresi, K. Jalilzadeh, M. Mehrani</td>
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<td>HIGH SCHOOL LEARNERS' PERCEPTIONS OF THEIR SUCCESSES AND FAILURES IN FOREIGN LANGUAGE LEARNING</td>
<td>P. Maftoon, G. Modarresi, K. Jalilzadeh</td>
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# Pedagogical Innovations and Experiences in Business Adm.& Mgmt. (2)

**Session chair: Karl Ledermüller. WU Vienna (AUSTRIA)**

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<td>BUSINESS MANAGEMENT: DIDACTICS THROUGH A GRAPHICAL CONTEXT. A PRELIMINARY INNOVATIVE PROPOSAL</td>
<td>J. Tarrés i Turon</td>
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<td>HOW TO WORK TOGETHER TO SOLVE YOUR CLIENT'S BUSINESS CHALLENGES USING SUSTAINABILITY APPROACH</td>
<td>B. Kalina, G. Kalina</td>
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<td>FOUNDATIONS FOR THE CURRICULAR DESIGN OF AN UNDERGRADUATE PROGRAM IN BUSINESS MANAGEMENT, BASED ON COMPETENCES</td>
<td>C. Robles-Estrada</td>
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<td>ENHANCING THE LEARNING PROCESS IN MASS-LECTURES WITH SIMULATIVE VISUALIZATIONS</td>
<td>K. Ledermüller, M. Nettekoven</td>
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<td>COMPUTER-SUPPORTED COLLABORATIVE LEARNING ENVIRONMENTS: LECTURER FEEDBACK FROM AN UNDERGRADUATE CASE STUDY INVOLVING SOCIAL COMPUTING TECHNOLOGIES</td>
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<td>E-CONSCIENTIOUSNESS AND E-PERFORMANCE IN ONLINE UNDERGRADUATE MANAGEMENT EDUCATION</td>
<td>R. Abzug</td>
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<td>E-LEARNING IN AGRIBUSINESS AND COMMERCE</td>
<td>A. Nábrádi, Z. Bács, V. Fenyves, K. Pető</td>
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<td>THE PLAGIARISM PREVENTION MODEL FOR HIGHER EDUCATION IN SOUTH ASIA</td>
<td>I. Khan, W. Ahmed</td>
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POSTER SESSIONS MONDAY MORNING
Poster Session 1. e-Learning, Emerging Technologies and Educational Software & Serious Games

Monday, 5th of July

Room: Poster Room

- ACADEMIC HEAD OFFICES: ATTENTION MODEL TO DISPERSE POPULATIONS IN THE STATE OF CHIAPAS
  S. Sosa

- AN APPROACH TO A ONLINE SYSTEM IDENTIFICATION LABORATORY
  A. Etxebarria, R. Barcena

- AUTOMATIC EDUCATIONAL VIDEO EDITING SYSTEM BASED ON MULTIMEDIA EVENT SEGMENTATION
  D. Hernández-López, A. Abejón, E. Sáez-Sanchidrián, D. Torre Toledano, E. Domingo-Garces, E. García-Vicente

- COMPUTER AIDS FOR THE INDEPENDENT STUDY OF PHYSICS SUBJECTS IN THE FRESHMAN YEAR OF ENGINEERING STUDIES
  N. Cordero, J. Lucio, P. Marcos, L. Rodríguez, A. Serna, R. Valdés

- DEVELOPMENT OF THE LIBRARY TRAINING COURSES - BLENDED LEARNING BASED ON THE WUT ML E-LEARNING MOODLE PLATFORM
  A. Tonakiewicz-Kolosowska, I. Socik

- DISTANCE EDUCATION. ARAB OPEN UNIVERSITY AS AN EXAMPLE
  A. Yarkandi, N. Alsaygh

- E-LECTURER FEEDBACK OF THE INCLUSION OF BLENDED LEARNING IN UNDERGRADUATE OCCUPATIONAL THERAPY
  P. Barnard-Ashton

- EFFECT OF TECHNOLOGY ON MOTIVATION IN GRAMMAR CLASSES
  E. Arslan Kul

- ELECTRONIC MEDICAL RECORD: A TRAINING TOOL FOR CONTINUING MEDICAL EDUCATION
  M. Allegra, L. Messineo, G. Migliore, N. Alessi
• EXAMINING LEARNING STYLES IN AN INTERACTIVE ASYNCHRONOUS ONLINE COURSE  
  N. Dalal, D. Asamoah

• ICT FOR EDUCATION IN POST CONFLICT AREAS – NORTHERN UGANDA  
  J. Oroma

• IMPLANTATION OF A VIRTUAL STATISTICS LABORATORY  
  A. Aguilar, O. García, M. Pineda, F. León, J. Axotla, R. Ramos

• INFORMATICS FOR CHEMISTS: BASIC INFORMATIC TOOLS AT THE GRADE IN CHEMISTRY  

• INNOVATING TOWARDS THE BOLOGNA PROCESS: B-LEARNING IN CRIMINAL POLICY  
  C. Fernández-Pacheco Estrada, A. Doval Pais

• MAKING LEARNING FUN: MULTI-ADAPTIVE EDUCATIONAL COMPUTER GAMES  
  M. Kickmeier-Rust, I. Orvieto, E. Mattheiss, D. Albert

• MULTIMEDIA TECHNOLOGIES APPLIED TO SCIENCE SUBJECTS  
  M.A. Longo, M.A. Sanromán, M. Pazos

• MULTIMEDIA VIDEOS AS UNIVERSITARY TEACHING TOOLS OF GOOD CHEMISTRY LABORATORY PRACTICES  
  M. Rodríguez-Delgado, J. Hernández-Borges

• MULTIMODALITY AND ICT IN THE TEACHING OF SCIENCE. FRACTALS AND OSCILLATING CHEMICAL REACTIONS AS EXAMPLES  
  G. Irazoque Palazuelos, I. Zaldivar Coria, C. Amador Bedolla, G. Hernández Millán, N. López Villa

• OPTIMIZATION OF THE ASSESSMENT SYSTEM FOR B-LEARNING “TASKS” ASSIGNED VIA THE VIRTUAL LECTURE THEATRE A RUBRIC-BASED FACILITATING TOOL  
  M.T. Rodriguez Laguna

• PROBLEMS OF E- LEARNING WITH STUDENTS WITH VISUAL IMPAIRMENT, IT’S SOLUTIONS AND PERCEPTUAL IMPACTS ON THEIR EDUCATION  
  U. Muhammad, Z. Iqbal, R. Bashir

• PROMOTING QUALITY ASSURANCE IN CHEMISTRY LEARNING USING “PERSONAL RESPONSE SYSTEMS”  
  M. Rodríguez-Delgado, J. Hernández-Borges
• PUBLICATION OF FREE ACCESS TEACHING MATERIALS IN THE OCW PLATFORM FOR DISTANCE LEARNING AND SUPPORT FOR CONVENTIONAL TEACHING IN MATERIALS ENGINEERING
R. Balart Gimeno, D. Garcia Sanoguera, L. Sanchez Nacher, O. Fenollar Gimeno, T. Boronat Vitoria

• SCHOOL CHILDREN AS THE AGENTS FOR CHANGE
I. Schmidt-Hopfeld, M. Armiach, R. Goldsmith, R. Reifen, B. Eylon

• SPECIFICS OF MANAGING QUALITY IN DISTANCE LEARNING (E-LEARNING)
N. Zivkovic, I. Janicijevic, D. Knežević

• TEACHERS’ ATTITUDES TOWARD USE OF TECHNOLOGY: A RESEARCH FOR INFORMATICS TECHNOLOGY USE IN EDUCATION OF PRIMARY SCHOOLS
S.S. Gulluoglu

• THE FUTURE OF TECHNOLOGY BASED EDUCATION ON DIFFERENT BRANCHES OF SCIENCE: A CONCEPTUAL BASIS FOR EDUCATIONAL APPLICATIONS OF VIRTUAL REALITY
S.S. Gulluoglu

• THE INFLUENCE OF LANGUAGE LEVELS AND NAVIGATION STRATEGIES ON TASK-BASED ACTIVITIES
C. Girón-García

• THE INSTRUCTION FOR DEVELOPING INFORMATION COMPETENCIES TO RETRIEVE INFORMATION ONLINE IN HIGHER EDUCATION: A PERSPECTIVE FROM THE LIBRARY AND THE INFORMATION PROFESSIONALS
P. Moreno, A. Ponce, J. Hernandez

• USING B-LEARNING IN CHEMISTRY AND BIOCHEMISTRY DEGREES
J. Ortega-Castro, J. Donoso, B. Vilanova, J.Frau, F. Muñoz

• USING STANDARDIZED PATIENTS IN SPECIALTY NURSING SIMULATION SCENARIOS
W. Ouellette, J. Atinaja-Faller, L. Quigley

• USING TABLET COMPUTERS FOR PRESENTATION OF SLIDES IN THE PROCESS OF TEACHING
M. Jurikovic, P. Pištek, K. Jelemská, O. Bereš, M. Fülöp, V. Dúcky, P. Piš, M. Tanko
POSTER SESSIONS MONDAY AFTERNOON
Poster Session2. Pedagogical Innovations in Education and International Projects

Monday, 5th of July

Room: Poster Room

- A SURVEY OF GENDER ROLE, ATTITUDE, AND KNOWLEDGE RELATED TO GENDER REGULATIONS AMONG COLLEGE STUDENTS OF SOUTHERN TAIWAN
  Y. Ku, C. Kuo, H. Yang, S. Kuo, H. Lin

- A THERMODYNAMIC MODEL TO TEACH CHEMICAL EQUILIBRIUM
  G. Irazoque Palazuelos, M. Izquierdo Aymerich, A. Garritz Ruiz

- APPLICATION OF CONCEPTUAL MAPS TO LABORATORY COURSES IN ENGINEERING EDUCATION
  M. Pazos, M.A. Sanromán, M.A. Longo

- BLOGGING AS A TEACHING TOOL IN GENETICS
  A. Castañeda, M. Carballo, L. Michán, R. Rodriguez

- CAPACITY BUILDING OF ACP EXPERTS AND MIDDLE MANAGERS WORKING IN EXPORTING COMPANIES USING THE PIP TOOL BOX
  B. Schiffers

- COLLABORATIVE CONTINUOUS AUTO-EVALUATION IN DIGITAL SIGNAL PROCESSING
  D. Torre Toledano, J. Gonzalez-Rodriguez

- COMPETENCY-BASED EDUCATION UNDER THE EUROPEAN HIGHER EDUCATION AREA (EHEA): A TEACHING EXPERIENCE FOCUSED ON CLINICAL REASONING IN NURSING
  J. Galimany Masclans, A. Falcó

- CROSSWORD PUZZLES AS ALTERNATIVE DIDACTICS IN BIOCHEMISTRY
  Y. Saldana-Balmori, H. Delgadillo-Gutiérrez

- DESIGN-BUILD EXPERIENCE-BASED PROGRAM IN BIOMEDICAL ENGINEERING AS A PRACTICAL EXAMPLE OF SCIENCE FOR PROFESSIONS
  F. Seoane Martínez, R. Garrote Jurado, M. Christie
• DEVELOPMENT OF SIMULATION TEACHING INFUSING PSYCHIATRIC NURSING AND EVALUATING INDICATORS OF PROFESSIONAL KNOWLEDGE, ATTITUDES, AND SKILLS FOR NURSING STUDENTS IN THE ASSOCIATE DEGREE PROGRAM
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**Pedagogical Innovations. New Learning/Teaching Models and Methodologies**  
*Session chair: Angela Fösel. FAU Erlangen-Nuremberg (GERMANY)*

*Room: Batlló*

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## e-Learning. Projects and Experiences (1)

**Session chair:** Ulla Maija Valletala. *University of Jyväskylä (FINLAND)*

**Tuesday, 6th of July**  
**Room: Barcelona**

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**Session chair: Hugo Ribeiro. University of Porto (PORTUGAL)**

**Tuesday, 6th of July**

**Room: Tibidabo**

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Experiences in Education (1)
Session chair: Darren Hanson. National Institute of Education (SINGAPORE)

Tuesday, 6th of July

Room: Milá

08:00  FACULTY EXAMINATION SYSTEM AND MEDIUM OF INSTRUCTION IN INDIA - ITS IMPACT ON LIFE CHANCES OF CHILDREN IN INDIA
P.S. Sharda, S. Lata

08:15  THE IMPORTANCE OF PROJECT-BASED APPLICATIONS FOR EFFECTIVE PHOTOGRAPHY TEACHING PROCESS
H. Eryilmaz

08:30  DO THE INSTRUCTORS APPLY SOME BASIC SKILLS IN TEACHING TO REACH TO AN EFFECTIVE LECTURE? A CASE STUDY
M. Syam, M. Swailem

08:45  TRAINING HIGHER EDUCATION TEACHERS IN DEVELOPING COUNTRIES: TOWARDS A MORE COMPREHENSIVE METHOD
M. Mokdad

09:00  DO TEACHERS MAKE A LIFE-LONG LEARNER? EXAMINING THE EFFECT OF TEACHER QUALITY ON THEIR STUDENTS’ ATTITUDES TOWARDS LIFE-LONG LEARNING
D. Hanson, M. Orsuwan

09:15  AFFIRMATION OF THE CONCEPT OF NEW PROFESSIONALISM IN EDUCATION OF PRESCHOOL TEACHERS: CROATIAN EXPERIENCES
L. Vujicic, R. Čepić, P. Pejic-Papak

09:30  POTENTIAL APPLICATION TO THE FEEDBACK SESSIONS IN PRE-SERVICE TEACHERS’ PRACTICUM COURSES
R. EL-Meouchy

09:45  CATEGORIZATION OF SCHOOLS: A SACRIFICIAL ALTAR OF ACADEMIC STANDARDS
M.A. Kadenyi, P. Amburo
**Pedagogical Innovations & Experiences in Foreign Languages Education (1)**  
*Session chair: Anne Caillaud. Grand Valley State University (UNITED STATES)*

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### Session chair: Richard Gruneau. Simon Fraser University (CANADA)

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*Session chair: Peter de Moel. Delft University of Technology (NETHERLANDS)*  

*Room: Batlló*

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## e-Learning. Projects and Experiences (2)

**Session chair: Orla Murphy. University College Cork (IRELAND)**

*Tuesday, 6th of July*  
*Room: Barcelona*

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### Educational Software & Serious Games (2)

*Session chair: Ruth Wood. Kingston University (UNITED KINGDOM)*

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**Session chair: Uldis Sukovskis. Riga Technical University (LATVIA)**

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Pedagogical Innovations & Experiences in Foreign Languages Education (2)
Session chair: Antonio Bota. UAIG - University of Algarve - Faro (PORTUGAL)

Tuesday, 6th of July

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<td>PEDAGOGICAL INNOVATIONS IN LANGUAGE TEACHING METHODOLOGIES</td>
<td>M. Alemi, P. Daftarifard</td>
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<td>SCAFFOLDING L2 READING COMPREHENSION AND RECALL THROUGH CONCEPT MAPS ACCOMPANYING TEXTS</td>
<td>Z. Tajeddin, S. Tabatabaei, M. Alemi</td>
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Educational Trends and Best Practice Contributions (2)
Session chair: Federica Prato. National University Evaluation Committee - Miur (ITALY)

Tuesday, 6th of July

Room: Güell

12:15 STRATEGIES IN DESIGNING USER INTERFACE FOR A MICROSOFT MULTIPOINT-BASED COURSEWARE
    Z. Jamaludin

12:30 OPEN FOR LEARNING
    S. Stapleton, A. Johnson

12:45 TRENDS IN THE ITALIAN HIGHER EDUCATION SYSTEM SINCE THE UNIVERSITY REFORM OF 1999
    A. Ancaiani, F. Prato, L. Secondi

13:00 THE PEN-BASED TECHNOLOGY TOWARDS THE LECTURE IMPROVEMENT
    K. Jelemenská, P. Čičák, P. Koine

13:15 ADAPTATION OF RESPONSIVE TEACHING EARLY INTERVENTION PROGRAM IN TURKEY
    Ö. Karaaslan, I.H. Diken

13:30 A MODERN APPROACH TO ANCIENT LANGUAGES
    A. Ferreira
## E-content Management and Development (2)
**Session chair: Wendy Beresford. University of Lincoln (UNITED KINGDOM)**

*Tuesday, 6th of July*

**Room: Batlló**

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<td>MEDIA AND THE MOVING IMAGE: CREATING THOSE WHO THRIVE IN A MEDIATED WORLD</td>
<td>P. Chilsen, C. Wells</td>
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<td>12:30</td>
<td>THE ROLE OF EPORTFOLIOS IN HIGHER EDUCATION – THEIR PERCEIVED VALUE AND POTENTIAL TO ASSIST UNDERGRADUATE COMPUTING STUDENTS</td>
<td>W. Beresford, D. Cobham</td>
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<td>WITNESSES TO THEIR OWN PROGRESS: REFLECTIVE LEARNING IN COURSE-SPECIFIC EPORTFOLIOS</td>
<td>J. Getman-Eraso</td>
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<td>A TECHNOLOGY FOR FLEXIBLE LEARNING PROVISION AT THE INSTITUTES OF TECHNOLOGY, IRELAND</td>
<td>B. Cleary, C. Connolly, M. Glynn, R. Thorn, E. Murphy</td>
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<td>IMPACT ASSESSMENT OF STRUCTURE AND KNOWLEDGE CREATION ON ORGANIZATIONAL PERFORMANCE: AN EMPIRICAL EVIDENCE IN THE TRANSFORMATION SECTOR</td>
<td>M.J. Rivero, T.L. De la Torre, A. Chávez, G. De la Vega</td>
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### e-Learning. Training, Evaluation and Assessment

**Session chair: Elena Carbone. University of Massachusetts, Amherst (UNITED STATES)**

**Tuesday, 6th of July**

**Room: Barcelona**

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<td>EVALUATING E-COURSES THROUGH WEB-BASED SURVEY</td>
<td>E. Fariborzi, K. bt Abu Bakar</td>
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<td>DEVELOPMENT OF THE ADAPTATION MECHANISM FOR THE INTELLIGENT KNOWLEDGE</td>
<td>R. Lukasenko, A. Anohina-Naumeca</td>
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<td>E. Carbone</td>
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<td>FACULTY USE OF TECHNOLOGY IN THE COLLEGE CLASSROOM--WE HAVE A LONG</td>
<td>K. Henrickson</td>
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<td>WAY TO GO, BABY</td>
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<td>ONLINE WRITING ASSIGNMENT AS A DELIVERY TOOL FOR SELF-DIRECTED,</td>
<td>M. Mala-Maung, A. Abdullah, N. Hashim</td>
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<td>REFLECTIVE LEARNING : LEARNERS’ PERSPECTIVES</td>
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<td>COMPUTATIONAL THINKING - AN INTRODUCTORY COURSE FOR CS STUDENTS</td>
<td>M. Beheshti, R. Alo</td>
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# Educational Software & Serious Games in Mathematics & Statistics Education

**Session chair:** Sahbi Ayari. Qatar University (QATAR)

**Tuesday, 6th of July**

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<td>Y. Zinder, N. Nicorovici, T. Langtry</td>
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<td><strong>TRIVIA MATHEMATICA: A TOOL FOR HAVING FUN WITH MATHEMATICAL COMPETITIONS</strong></td>
<td>R. Morales, P. Gallegos</td>
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<td><strong>A CROSS-CULTURAL STUDY: ASSESSING AND IMPROVING SPATIAL THINKING OF PRE-SERVICE TEACHERS</strong></td>
<td>V. La Ferla, S. Olkun, Z. Akkurt, V. Toptas</td>
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<td><strong>TEACHING STATISTICS FOR COMPUTER SCIENCES WITH R: THE IMPORTANCE OF THE VISUALIZING THE VARIABILITY</strong></td>
<td>A. Colubi, M.A. Lubiano, G. González-Rodríguez</td>
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<td><strong>COMBINING INSTRUCTIONAL TECHNOLOGIES FOR HIGH GRADE MATH AND COMPUTER ONLINE ASSESSMENT</strong></td>
<td>S. Ayari, A. Ayari, M. Ayari</td>
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<td><strong>IMMERSIVE MATHEMATICS LABORATORY FOR ENGINEERING TEACHING</strong></td>
<td>J. Ursul Solanes, E. Riestra Martínez</td>
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### General Issues. Diversity Issues, Women and Minorities

**Session chair: Norlizah Hassan. University Putra Malaysia (MALAYSIA)**

*Tuesday, 6th of July*  
*Room: Milá*

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<td>M. Funes</td>
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<td>RURAL WOMEN REDEFINE THE MEANING OF LIFESKILLS AND GIVE TO ICT A COLLECTIVE AND ETHNIC IDENTITY MEANING</td>
<td>B. Salinas, G. Huerta</td>
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<td>TRAINING OLDER WORKERS IN CYBERSPACE. A CRASH ICT TRAINING PROCESS FOR THE FINAL PHASES OF EMPLOYMENT. A SOCIOLOGICAL APPROACH</td>
<td>V. Querol</td>
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<td>EDUCATIONAL DISPARITY OF CARIBBEAN LATINAS IN NEW YORK CITY SCHOOLS</td>
<td>R. Díaz</td>
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<td>WOMEN &amp; ACCESS TO ICT: A CASE STUDY OF INDIA</td>
<td>R. Agarwal</td>
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<td>THE RELATIONSHIP BETWEEN SELF CONCEPT AND DELINQUENT BEHAVIOUR OF SCHOOL STUDENTS: MALAYSIAN SCENARIO</td>
<td>N. Hassan, M. Azmi Mat Yusoff</td>
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### Pedagogical Innovations & Experiences in Foreign Languages Education (3)

**Session chair: Kristin Brogan. IT Tralee (IRELAND)**

*Tuesday, 6th of July*

**Room: Montjuic**

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<td><strong>EFFECTS OF INSTRUCTION IN THE USE OF COORDINATING CONJUNCTIONS</strong></td>
<td>S. Gürkan</td>
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<td>K. Brogan, M. Ó Laoire</td>
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<td><strong>TEACHING COLLABORATIVE WRITING: AN CLASSROOM STUDY WITH TURKISH ENGLISH AS A FOREIGN LANGUAGE (EFL) STUDENTS</strong></td>
<td>A. Merc</td>
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<td><strong>STUDENTS’ PERCEPTIONS ON THE EXTENSIVE READING PROJECT CARRIED OUT AT ANADOLU UNIVERSITY</strong></td>
<td>E.T. Yurur</td>
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<td><strong>LANGUAGE LOSS, IDENTITY, AND ENGLISH AS AN INTERNATIONAL LANGUAGE</strong></td>
<td>A. Dastgoshadeh, P. Maftoon, K. Jalilzadeh</td>
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ORAL SESSIONS TUESDAY AFTERNOON
Technology-Enhanced Learning (2)
Session chair: Peter Schulthess. Ulm University (GERMANY)

Tuesday, 6th of July

Room: Güell

15:00  LEARNING DESIGN TOOLS AND PEDAGOGICAL REQUIREMENTS OF THE EUROPEAN HIGHER EDUCATION AREA: BARRIERS AND OPPORTUNITIES TO DEVELOP INNOVATIVE LEARNING EXPERIENCES AND CONTENT  
J. Calzada-Prado, D. Laurillard, D. Ljubojevic

15:15  THE USE OF TEGRITY LECTURE CAPTURE SOLUTIONS FOR DELIVERY OF GRADUATE TEACHER TRAINING ACROSS STATE AND NATIONAL BOUNDARIES  
J. Anderson, E. Dahlin

15:30  INTERACTIVE 3D-GRA弗ICS OBJECTS AS CONCEPTUAL METAPHORS FOR TEACHING DIFFICULT AND ABSTRACT CONCEPTS  
P. Schulthess, T. Baeuerle, M. Sonnenfroh, A. Weggerle

15:45  INNOVATION IN TEACHING FRESHMAN ENGINEERING DESIGN: AN INTEGRATED APPROACH  
K. Khalaf, S. Balawi, G. Hitt, A. Radaideh

16:00  NAVIGATING THE DIGITAL DIVIDE: TEACHING AND LEARNING THROUGH EPORTFOLIOS IN A WEB 2.0 ENVIRONMENT  
L. Hager

16:15  FLASH MOVIES, CAN THEY HELP US TO UNDERSTAND CHROMATOGRAPHY?  
O. Zuloaga, M. Olivares, I. Martinez-Arkarazo, K. Castro, A. Usobiaga, N. Etxebarria

16:30  USING A PARTICIPATORY COMMUNICATION APPROACH TO DEVELOP A DVD HEALTH EDUCATION RESOURCE FOR VIETNAMESE WOMEN IN SYDNEY, AUSTRALIA  
S. Jirojwong, S. Hillege

16:45  THE IMPACT OF THE NEW LEARNING TECHNOLOGIES ON TEACHING PRACTICES AT KING SAUD UNIVERSITY IN RIYADH, SAUDI ARABIA  
W. Al Abiky
Pedagogical Innovations in Education. Learning and Teaching Methodologies  
*Session chair: Robert Bauchmuller. Maastricht University (NETHERLANDS)*

*Room: Batlló*

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<td>THE DARK SIDE OF LEARNING. EXPERIENTIAL REPORT</td>
<td>Z. Pourtskhvanidze</td>
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<td>UTILIZING WEBQUEST AND COLLABORATIVE LEARNING IN TEACHER PREPARATION: A SINGAPORE STUDY</td>
<td>C. Yang</td>
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<td>ACTION RESEARCH LEADS TO TEACHER-INITIATED CHANGES IN ICT INTEGRATION</td>
<td>N. Lemelin, R. Gendron</td>
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<td>VALUE ADDED BY EARLY CHILDHOOD EDUCATION: DOES THE NEW DUTCH PROGRAMME ‘SPEELPLEZIER’ MAKE DISADVANTAGED CHILDREN READY FOR SCHOOL?</td>
<td>R. Bauchmuller</td>
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<td>16:00</td>
<td>THE USE OF DYNAMIC AND INTERACTIVE ANIMATIONS BASED ON POE AS A PRESENTATION TOOL TO ENHANCE SIXTH GRADE STUDENTS’ UNDERSTANDING OF STATIC ELECTRICITY CONCEPTS</td>
<td>E. Akpinar</td>
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<td>THE ROLE OF EDUCATION TECHNOLOGY IN PREPARING STUDENTS FOR ENGINEERING EDUCATION</td>
<td>F. Hayati, A. Dabbagh</td>
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<td>THE RELEVANCE OF DIFFERENTIATING LANGUAGE LEARNERS – A LEARNER PROFILE</td>
<td>P. Rama da Silva</td>
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<td>PARENTAL PARTICIPATION IN THE MANAGEMENT OF PUBLIC SECTOR EDUCATION IN PAKISTAN</td>
<td>M. Ajmal</td>
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### e-Learning. Projects and Experiences (3)

**Session chair: Sylvie Dubois. University of Montreal (CANADA)**

**Tuesday, 6th of July**

**Room: Barcelona**

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<td>ONLINE LEARNING: REFLECTIONS ON THE EFFECTIVENESS OF TWO UNDERGRADUATE TOURISM MODULES - SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY</td>
<td>G. Jennings, U. Kachel</td>
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<td>15:15</td>
<td>THE DESIGN OF VIDEO BASED E-LEARNING SYSTEM FOR TEACHING FABRIC AND TEXTILES TESTING METHODS</td>
<td>SM. Shang</td>
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<td>CREATION OF AN ON-LINE COURSE AT THE FACULTY OF NURSING SCIENCE OF UNIVERSITY OF MONTREAL: AN EXAMPLE OF CHANGE IN PRACTICE</td>
<td>S. Dubois, S. Harvie, F. Meyer</td>
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<td>VIRTUAL EDUCATION IN THE UNIVERSIDAD AUTONOMA DE CHIAPAS. A NEW EDUCATION MODEL FOR EXPANDING OPPORTUNITIES IN HIGH EDUCATION IN RURAL MUNICIPALITIES</td>
<td>H.M. Jimenez, R.E. Capote Mir</td>
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<td>HOW TO CONVERT A TRADITIONAL COURSE IN PROGRAMMING INTO AN ONLINE COURSE</td>
<td>M. Schordan, C. Kollmitzer, R. Pucher, G. Brezowar</td>
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<td>THE VIRTUAL LEARNING ENVIRONMENT - AVA AS TOOL AUXILIARY SYSTEM OF EDUCATION PRESENCIAL MEDIATED BY TECHNOLOGICAL RESOURCES IN THE STATE OF AMAZONAS</td>
<td>E. Pereira, D.M. Gorayeb, E. Spina</td>
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<td>IMPROVING THE QUALITY OF LEARNING EXPERIENCE THROUGH CONTINUOUS EVALUATION AND INNOVATION</td>
<td>M. Begum, S. Williams, R. Blanchard</td>
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Pedagogical Innovations and Experiences in Mathematics & Statistics Education

Session chair: Leah Harvey. Metropolitan State University (UNITED STATES)

Tuesday, 6th of July

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<td>THE EOS-THEORY APPLIED TO THE TEACHING 3D-GEOMETRY COURSE BASED ON THE VECTOR ALGEBRA APPROACH</td>
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<td>TO LEARN MATHEMATICS: MAYAN MATHEMATICS IN BASE 10</td>
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<td>COMPARISON OF STUDENT LEARNING TAUGHT IN INTRODUCTORY STATISTICS COURSES, TAUGHT IN THE CLASSROOM, ONLINE, AND IN A HYBRID FORMAT</td>
<td>L. Harvey</td>
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<td>G. Woolcott</td>
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<td>THE USE OF CONSTRUCTIVISM IN TEACHING MATHEMATICS FOR UNDERSTANDING: A STUDY OF THE CHALLENGES THAT HINDER EFFECTIVE TEACHING OF MATHEMATICS FOR UNDERSTANDING</td>
<td>T. Amoonga</td>
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General Issues in Education
Session chair: Cynthia Kamishlian. Bentley University (UNITED STATES)

Tuesday, 6th of July

Room: Milá

15:00 CHALLENGES FACED BY CHILDREN IN INTERNET UNDERSTANDING, WEB SEARCHING, AND SEARCH RESULTS EVALUATION
C. Kamishlian

15:15 PRE-SERVICE ICT TEACHERS’ LEARNING STYLES, ABILITIES, INTERESTS AND CURRENT CAREER ASPIRATIONS
D. Deryakulu, S. Olkun

15:30 BRIDGING THE GAP BETWEEN SCHOOL AND UNIVERSITY WITH STUDENTS FROM RESOURCE DISADVANTAGED HIGH SCHOOLS
F. Marais, P. Marais

15:45 EFL TEACHERS’ EFFICACY FROM THE PERSPECTIVES OF TEACHERS AND LEARNERS: THE EFFECTS OF SELECTED TEACHER AND LEARNER CHARACTERISTICS ON EFFICACY EVALUATION
Z. Tajeddin, N. Khodaverdi

16:00 THE EVALUATION IN THE ITALIAN UNIVERSITY SYSTEM: A GLOBAL PERSPECTIVE OVER THE LAST DECADE
C. Buonocore, F. Prato, L. Secondi, E. Setteducati

16:15 ACCOUNTABILITY IN SCHOOLS AND COLLEGES OF EDUCATION: THE NEW NCATE ACCREDITATION PROCESS AND HOW ONE UNIT IS PREPARING FOR IT
P. Manzanares-Gonzales, P. Gonzales

16:30 AN ANALYSIS OF HOW LEARNING ORGANIZATION THEORY CAN BE REFLECTED IN THE ACQUISITION OF A NEW COMPUTERISED INFORMATION SYSTEM
T. Cleary, D. Trodden

16:45 PERCEPTED RISK AREAS IN A FACULTY OF EDUCATION AND SUGGESTIONS ON PRECAUTIONARY ACTIONS
M. Gursel, G. Ozaslan
# e-Learning Projects and Experiences in Health Sciences

**Session chair: Meena Amlani. British Columbia Institute of Technology (CANADA)**

*Tuesday, 6th of July*

**Room: Montjuic**

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<td>B. Blanco Rojas, P. Arrizabalaga, Y. Rivero, J.M. Monguet, M. Sampieri, M. Ferruzca</td>
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<td><strong>IMPLEMENTING A HYBRID (ON-LINE + CLASSROOM) SELF-ASSESSMENT AND CAREER PLANNING WORKSHOP FOR INTERNATIONALLY EDUCATED PROFESSIONALS (IEPS) IN A LARGE URBAN TEACHING HOSPITAL</strong></td>
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<td><strong>MEDICAL IMAGING ONLINE: BLENDED LEARNING TOOLS FOR TEACHING RADIOGRAPHIC ANATOMY AND PHYSIOLOGY</strong></td>
<td>M. Amlani, L. Doody</td>
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<td><strong>TEACHING ETHICAL REASONING ON-LINE: AN EXPERIENCE IN ETHICS EDUCATION FOR MEDICAL RESIDENTS</strong></td>
<td>I. Durante-Montiel, O. Rivero-Serrano, G. Sánchez-Rivera</td>
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<td><strong>EXPERIENCES IN MEDICAL IMAGING ONLINE: THE USE OF DIGITAL STORIES TO TEACH RADIOGRAPHIC PATHOLOGY</strong></td>
<td>M. Amlani, L. Doody</td>
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<td><strong>FEASIBILITY OF E-LEARNING IN ACADEMIC STAGE IN NURSING SCHOOL, UNIVERSITY OF BRAWIJAYA, INDONESIA</strong></td>
<td>D. Susmarini</td>
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<td><strong>DESIGNING E-CURRICULUM BOOKS FOR UNDERGRADUATE OCCUPATIONAL THERAPY: LESSONS LEARNT</strong></td>
<td>A.P. Mthimkulu, P. Barnard-Ashton</td>
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<td><strong>INFORMATICS LITERACY FOR HEALTHCARE WORKFORCE</strong></td>
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Technology-Enhanced Learning (3)

Session chair: Anne Carroll. Simmons College (UNITED STATES)

Tuesday, 6th of July

Room: Güell

17:30  DIGITAL VIDEO AND PORTUGUESE - MULTIMEDIA PROJECT  
       J. Kagohara, A. Colsato

17:45  ENQUIRY BASED COLLABORATIVE LEARNING-MAPPING KNOWLEDGE USING WEB 2.0 TOOLS  
       S. O’ Sullivan, H. McGlynn

18:00  INTEGRATING CULTURAL DIVERSITY IN THE SIMULATION EXPERIENCES OF BACCALAUREATE NURSING STUDENTS THROUGHOUT THE CURRICULUM  
       A. Carroll, J. Faller, B. Boehringer

18:15  EXPLORING THE ADDED VALUE OF DIGITAL TECHNOLOGIES AND ELEARNING IN HIGHER EDUCATION FROM THE LEARNERS’ PERSPECTIVE. A RESEARCH INFORMED BY A SYSTEMATIZED LITERATURE REVIEW  
       E. Rapetti, L. Cantoni

18:30  THE LECTURE: A TEACHING STRATEGY IN DECLINE?  
       R. Perrin, G. Laing

18:45  SOCIAL CONSTRUCTION OF SCIENCE KNOWLEDGE THROUGH E-FORUMS  
       M. Ariza, A. Quesada

19:00  IS YOUTUBE THE NEXT REALITY FOR THE VIRTUAL CLASSROOM EXPERIENCE?  
       J. Carter

19:15  STUDENTS’ PERCEPTIONS OF THE USEFULNESS OF AN AUDIT SIMULATION: AN SOUTH AFRICAN PERSPECTIVE ON THE IMPORTANCE OF STUDENT WORK ETHIC  
       R. Rudman
Learning Experiences in Higher and Further Education

Session chair: Vera Analol'evna Gnevashcheva. Moscow University of Humanities (RUSSIAN FEDERATION)

Tuesday, 6th of July

Room: Batlló

17:30 CONCEPT MAPPING IN THE STUDY OF PHYSICAL CONCEPTS WITH TEACHER STUDENTS OF PRIMARY EDUCATION (APPLICATION TO BUOYANCY)
C. Aguirre-Pérez

17:45 THE AFFECT OF THAI CULTURAL FACTORS ON TEACHING AND LEARNING IN THE HIGHER EDUCATION SYSTEM OF THAILAND
M. Tunwattanapong, N. Dimmitt

18:00 THE ROLE OF VIRTUAL LEARNING COMMUNITIES
C. Cruz Miranda

18:15 AN INVESTIGATION ON THE RELATION BETWEEN SOCIAL PROBLEM SOLVING AND PERCEIVED SOCIAL SUPPORT OF UNIVERSITY STUDENTS
Z. Tras

18:30 A QUALITATIVE RESEARCH ON DETERMINING FUTURE CONCERNS OF STUDENTS IN DEPARTMENT OF HANDICRAFTS EDUCATION ABOUT THEIR PROFESSIONS
Y. Koparan, E. Alabay

18:45 USING TRIVIA TO IMPROVE THE LEARNING PROCESS IN A POST-PRODUCTION SUBJECT
M. Armenteros, A. J. Benítez Iglesias, D.G. Curca

19:00 IMPACT OF THE USE OF MULTIMEDIA ON THE ACADEMIC ACHIEVEMENT OF STUDENTS ON COMPUTERS SKILLS COURSE AT THE SCHOOL OF EDUCATION
S.A. Aloraini

19:15 EDUCATION IN THE VALUE ORIENTATIONS SYSTEM OF RUSSIAN YOUTH: THE THEORETICAL AND EMPIRICAL RESEARCHES
V. Analol'evna Gnevashcheva, K. Falkovskaya
Experiences in Research
Session chair: Jane Pirone. Parsons The New School For Design (UNITED STATES)

Tuesday, 6th of July

17:30 DESIGNING FOR AN OPEN-SOURCE COMMUNITY: DATAMINING PARSONS
   J. Irish, J. Pirone

17:45 UNIVERSITY VINCULATION AND ITS PARTICIPATION IN THE SUSTAINABLE DEVELOPMENT OF THE REGION
   G. Capetillo, A. Barranca, L. Betancourt, K. Saldana, S. Flores, E. Torres

18:00 PSYCHOLOGY APPLIED TO AN INTERNATIONAL HIGHER EDUCATION MODEL CENTRED ON LEARNING DIVERSITY
   M.A. Gandarillas, G. Martinez, P. Gómez, B. Barrio, F. Martí

18:15 DIGITAL LITERACY CONQUERS DIGITAL DIVIDES: A CASE STUDY OF A DEVELOPING COUNTRY
   S. Srinivasan

18:30 FROM WRITING A LOCAL RESEARCH REPORT TO UNDERSTANDING NOVELS FROM STIEG LARSSON, PAUL AUSTER: LITERATURE, JOURNALISM AND PROJECT MANAGEMENT
   J. Tarrés i Turon

18:45 USING DATA ENVELOPMENT ANALYSIS TO COMPARE THE EFFICIENCY OF HIGHER EDUCATION SYSTEMS
   Z. Bács, A. Nagy, K. Dajnoki, R. Tóth

19:00 TEACHERS USE OF COMPUTERS IN TEACHING - PORTUGUESE SITUATION
   M. Varela, J.P. Leal

19:15 A PEDAGOGICAL DEVELOPMENT MODEL ON CHEMISTRY TEACHING THROUGH COMPUTER-ASSISTED AND GUIDED INQUIRY
   Z. Abedi Kargiban

Room: Barcelona
Pedagogical Innovations and Experiences in Engineering Education  
Session chair: Leonard O'Sullivan. University of Limerick (IRELAND)  
Tuesday, 6th of July  
Room: Tibidabo

17:30 FOSTERING LEARNING AND STUDENT INTERACTIVITY IN REAL WORLD ENGINEERING PROBLEMS  
I. Carvalho

17:45 LEARNING STYLES OF ERGONOMICS STUDENTS AT UNDERGRADUATE LEVEL AND IN INDUSTRY  
A. Jackson, L. O'Sullivan

18:00 PROBLEM-BASED LEARNING THROUGH E-LEARNING: QUANTIFYING AND MITIGATING CROSS-CULTURAL EFFECTS TO MAXIMISE LEARNING  
G. Long, M. Mawdesley, D. Scott

18:15 PROJECT-BASED INSTRUCTION: CREATING EXCITEMENT FOR LEARNING HOW TO DESIGN MANUFACTURING SYSTEMS  
F. Musharavati, A.M.S. Hamouda

18:30 AN INTEGRATED APPROACH TO TEACH MANUFACTURING ENGINEERING AS PER NEW EUROPEAN HIGHER EDUCATION AREA FRAMEWORK  
J.A. Sanchez, S. Plaza, N. Ortega, I. Pombo, B. Izquierdo, L.N. Lopez de Lacalle

18:45 TEST BENCH FOR TURBOCHARGERS: AN USEFUL EXPERIMENTAL TOOL FOR TEACHING TURBOMACHINERY  
O. Armas Vergel, J. Sanz Argent, J.R. Agudelo Santamaría

19:00 NEXUS OF VOCATIONAL TRAINING AND UNDERGRADUATE ENGINEERING EDUCATION FOR SUSTAINABLE INDUSTRIAL DEVELOPMENT IN NIGERIA  
A. Olorunfemi, M. Ashaolu

19:15 STUDY STYLES AND STRATEGIES OF LEARNING IN ENGINEERING STUDENTS: A PROPOSAL FOR METHODOLOGICAL INNOVATION  
M.C. Sáiz Manzanares, E. Montero García, M.C. González Fernández, F. Aguilar Romero, J. Peláez Vara

19:30 ASSIGNING NEW RESPONSIBILITIES FOR UNDERGRADUATE STUDENTS IN THE DESIGN PROCESS OF UAV PLATFORMS  
F. Gandía-Agüera, M.A. Barcala-Montejano, A.A. Rodríguez Sevillano
General Issues. Education and Globalization  
Session chair: Christina Xinyan Xie. Hong Kong Polytechnic University (HONG KONG)  
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Room: Milá

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<td>C. Xinyan Xie</td>
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<td>THE TRANSFORMATION OF THE NATURE OF KNOWLEDGE IN POST-INDUSTRIAL SOCIETY: TOWARD THE NEW PARADIGM OF EDUCATION?</td>
<td>S. Kurbatov</td>
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<td>J.R. Cadely</td>
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<td>S. Sevi, Z. Bezirci Türktas</td>
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<td>CORPORAL PUNISHMENT IN INDIAN SCHOOLS - MEETING THE CHALLENGES</td>
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<td>HOW EFFECTIVE CAN BE A CONFERENCE ON “HOW TO LISTEN CLASSICAL MUSIC” TO THE STUDENTS FROM DIFFERENT FIELDS AND HOW DOES IT INFLUENCE THEIR WORLD-VIEW ON CLASSICAL MUSIC</td>
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<td>EFFECTS OF INSTRUCTIONAL STRATEGIES ON ACADEMIC ACHIEVEMENT AND RETENTION</td>
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Pedagogical Innovations & Experiences in Health Sciences Education
Session chair: Jane Clary. Mississippi State University (UNITED STATES)

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Room: Montjuic

17:30 "MISSISSIPPI IN MOTION" AND "FAMILIES FOOD AND FITNESS COMMUNITY OF PRACTICE" VIRTUAL EDUCATION SITE: IMPROVING THE HEALTH OF AMERICANS
J. Clary

17:45 DEVELOPING HIERARCHY OF LEARNING OBJECTIVES AS A STARTING POINT FOR REMODELLING OF EDUCATIONAL PROCESS
M. Mimica

18:00 NEW TEACHING AND LEARNING TECHNOLOGIES IN HUMAN NUTRITION COURSE
I. Ferreira, M. Amaral

18:15 AN INNOVATIVE MODEL TO ENGAGE STUDENTS AND PROMOTE ACTIVE LEARNING IN THE HEALTH SCIENCES: THEORY AND PRACTICE INTEGRATION IN A MEDICAL BACTERIOLOGY PROGRAM
M. O' Brien, S. Beames

18:30 CONSTRUCTION OF A CREATIVE THINKING TEACHING COURSE OF RN-BSN BASED ON THE CREATIVE PROCESS OF NURSES
Y. Ku, C. Chang, C. Kuo, S. Sheu

18:45 SURGICAL EDUCATION ON A VIRTUAL REALITY KNEE ARTHROSCOPY SIMULATOR: NON GAMER VS. GAMER
A. Enders, T. Beckmann, F. Hartmann, E. Gercek, P.M. Rommens

19:00 DEVELOPMENT OF ON-LINE TRAINING IN NURSING: THE EXPERIENCE OF THE FACULTY OF NURSING SCIENCE OF UNIVERSITY OF MONTREAL
S. Dubois, S. Harvie, F. Girard

19:15 NURSING STUDENTS' EVALUATION OF PROBLEM-BASED LEARNING
H.B. Yuan, M. Liu, L. Yin, B. Williams, J.B. Fang, D. Pang
POSTER SESSIONS TUESDAY MORNING
Poster Session 1. Learning Experiences and Curriculum Design

Tuesday, 6th of July

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1. **A BLENDED LEARNING PROJECT IN GENERAL CHEMISTRY FOR UNDERGRADUATE LEVELS IN CHEMISTRY AND BIOCHEMISTRY DEGREES**
   J. Donoso, J. Ortega-Castro, B. Vilanova, J. Frau, F. Muñoz

2. **A REVIEW OF MASTER AND DOCTORAL DISSERTATIONS IN THE FIELD OF AUTISM SPECTRUM DISORDERS AND INTELLECTUAL DISABILITIES IN TURKEY**
   I. Halil Diken, E. Ünlü, Ö. Karaaslan

3. **AN ANALYSIS OF THE USE AND USEFULNESS OF SELF-EVALUATION GUIDES AS AN AUTONOMOUS LEARNING TOOL**
   B. Marco Lajara, F. García Lillo, H. Molina Manchón, V. Sabater Sempere, M. Úbeda Baeza

4. **AN APPROACH TO ENHANCE THE LEARNING PROCESS FOR UNDERGRADUATE STUDENTS: WEB-BASED FORMATIVE ASSESSMENT TOOL**
   M.A. Longo, M. Pazos, M.A. Sanromán

5. **AN EXPERIENCE INITIATING TRAINING SCIENCE AND BIOLOGY TEACHERS FROM THE EXERCISE OF RESEARCH IN SCIENTIFIC EDUCATION**
   D. Tomio, E. Schroeder, V.L. Silva

6. **ANALYSIS OF COOPERATIVE LEARNING EXPERIENCE IN THE SUBJECT “PRINCIPLES OF PHYSICS”**
   A. Ares, R. Bouza, B. Montero, M. Rico

7. **ASSESSMENT OF THE INTEREST FOR THE RESEARCH WITH THE NEW SYLLABUS IN POSTGRADUATE EDUCATION**
   D. Oltra-Noguera, I. Gonzalez-Alvarez, M. Bermejo

8. **DESIGNING A NURSING SIMULATION LEARNING LAB TO ENHANCE THE STUDENTS EXPERIENCE**
   W. Ouellette, J. Atinaja-Faller

9. **DIFFERENCES BETWEEN INTERNATIONAL AND AMERICAN STUDENTS’ CLASS PARTICIPATION IN AN AMERICAN GRADUATE CLASSROOM SETTING**
   O. Yildirim

10. **ECO-PEDAGOGY FOR INTEGRAL HEALTH: A PEDAGOGICAL PRACTICE IN THE UNIVERSITY**
    V.L. Silva
• EFFICIENT PLANNING AND ASSESSMENT OF FIELD SITE VISITS IN SCIENCE AND ENGINEERING UNDERGRADUATE STUDIES
  M.A. Sanromán, M. Pazos, M.A. Longo

• EVALUATION OF THE STUDENTS’ PERCEPTION ABOUT THE APPLICATION OF THEIR KNOWLEDGE IN THEIR FUTURE JOB

• EXPERIMENTAL EDUCATION IN FOOD CHEMISTRY
  F. Iturbe, J. Sandoval, J. Ramirez, S. Guzman

• GOING BACK TO BASICS WITH PROBLEMATIC CONCEPTS IN CHEMISTRY: CONSERVATION OF MATTER
  F. Marais, P. Marais

• GRADUATES CAREER INTENTION: DO PERSONALITY AND EDUCATION MATTER?
  A. Abu Samah, M. Haddar

• HANDS-ON EXPERIMENTATION ON ADVANCED MOTION CONTROL OF MACHINE TOOLS
  R. Barcena, A. Etxebarria

• HERITAGE EDUCATION AS AN INSTRUMENT OF EDUCATION FOR SUSTAINABLE DEVELOPMENT
  J. Tomaskinova

• INTEGRATION PROCESS APPLIED TO THE STUDIES OF EXTRACTIVE METALLURGY
  M.M. Cabeza, I. Sanchez

• MASTER CLASS WITH HANDS-ON LAB: A TOOL FOR PLANT BIOLOGY LEARNING
  E.M. González

• MOLECULARLY IMPRINTED POLYMER: LEARNING FIRST CONCEPTS FROM RESEARCH ARTICLES

• NEW APPROACHES TO EVALUATION OF MULTIDISCIPLINARY TEACHING – LEARNING OF STATISTICAL IN THE INDUSTRIAL ENGINEERING STUDIES
  B. Montero, M. Rico, A. Ares, R. Bouza

• SCIENTIST-PRACTITIONER INTERESTS IN A PSYCHOLOGY COMMUNICATION COURSE
  W. Hills, T. Pettijohn II
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- CAN PAIRS OF TEACHERS AND ASSESSMENT MODEL ENHANCE NURSING STUDENTS’ LEARNING RESULTS IN CLINICAL PLACEMENT IN MACAU?
  H. Dai

- CONCEPTUAL MAPS AS MEANS OF TEACHING BIOCHEMISTRY

- DIDACTIC STRATEGIES TO IMPROVE BIOCHEMISTRY TEACHING
  L. Aguilar-Santelises, M. Cruz-Millán, M. Aguilar-Santelises, M.T. Corona-Ortega, R. Rangel-Corona, A. García-del Valle

- DIGITAL RESOURCES IN BIOCHEMISTRY EDUCATION
  M. Cruz-Millán, A. García-del Valle, M. Aguilar-Santelises, M.T. Corona-Ortega, L. Aguilar-Santelises

- DISTANCE LEARNING COURSE TO PREVENT HEALTH RISKS IN UNIVERSITY STUDENTS

- ENGINEERING PRACTICE RESULTS WITH PROPANE/AIR DOMESTIC BOILER
  F. Cerdeira Pérez, M.E. Vázquez Alfaya, E. Álvarez da Costa, F.J. Amores Martínez

- EXPERIENCE IN THE IMPLEMENTATION OF A GRADUATE OF TRAINING OF TRAINERS IN HEALTH SCIENCES FOR THE ADOLESCENT AND YOUTH IN VIRTUAL DISTANCE EDUCATION
  S. Lerma
• EXPERIENCE THE USE OF INFORMATION AND COMMUNICATION TECHNOLOGIES AS TOOLS TO ACCESS TO KNOWLEDGE SOCIETY
  S. Lerma, V. Lara Velez

• GOING BACK TO SCHOOL: THE SENSE OF RETURNING IN ADULT LIFE
  S. Monico Lopes

• HOW TO MONITOR THE USE AND REUSE OF OPEN EDUCATIONAL RESOURCES USING GOOGLE ANALYTICS
  V. Rolfe

• IMPLEMENTATION OF THE 5S IN AN INORGANIC CHEMISTRY TEACHING LABORATORY OF THE SCIENCE AND TECHNOLOGY FACULTY OF THE UNIVERSITY OF THE BASQUE COUNTRY (UPV/EHU)
  J. Mesa

• IMPORTANCE OF EMOTIONAL INTELLIGENCE IN THE PROFESSIONAL DEVELOPMENT OF THE CAND IN NURSING

• INSTITUTIONAL EDUCATIONAL ORIENTATION AND THE PROSPECTS OF THE COUNSELOR

• IS THE TRAINING PROGRAM BASED ON PRECEDE-PROCEED MODEL EFFECTIVE TO INCREASE KNOWLEDGE AND SELF-EFFICACY OF THE PUBLIC HEALTH WORKER?
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• LETTING STUDENTS HAVE A SAY IN THEIR LEARNING
  F. Karabulut

• NURSING STUDENTS’ PERCEPTION OF THE INTERNET IN TURKEY: A QUESTIONNAIRE SURVEY
  S. Tastan, B. Tastan, E. Iyigun, H. Ayhan

• ONLINE SOLUTION FOR THE ADMINISTRATION OF THE LIFE CYCLE OF THE PROJECTS OFFERED TO UNIVERSITIES BY THE MINISTRY OF EDUCATION OF SLOVAK REPUBLIC
  J. Fabus, I. Kremenova, D. Tothova

• PILOT STUDY ON SENIOR ACCOMPANIMENT BY RETIRED OLDER ADULTS AND INTELLECTUALLY IMPAIRED VOLUNTEERS
  I. Lizaso, A. Aizpurua

• RESEARCH OF STRATEGIC MANAGEMENT METHODS. UTILIZATION FOR SUPPORT OF PROSPERITY
  K. Štofková
• RESEARCH PRIORITIES OF MATHEMATICS EDUCATION IN SAUDI ARABIA
  A. Albalawi

• SCIENTIFIC COMPETENCE FOR ELEMENTARY SCHOOL TEACHERS
  L. Mendez, T. Delgado

• THE CONTRIBUTION OF IRISH HIGHER EDUCATION INSTITUTIONS IN MEETING THE RECESSIONAL NEEDS OF THE
  IRISH TOURISM AND HOSPITALITY INDUSTRY: A THEORETICAL REVIEW
  A. Conway

• THE DIGITAL DIVIDE: COACHING TEACHERS WITH UNEVEN TECHNOLOGICAL BACKGROUNDS
  B.A. Chapa, M. Ávila

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• THE PERFORMANCE OF THE PROFESSOR IN QUESTION: THE EXPERIENCE OF THE STUDENTS OF MASTER AND
  DOCTORAL COURSES IN THE AREA OF THE HEALTH (PRESENTIAL AND E-LEARNING)
  E. Barilli

• THE USE OF TECHNICAL TEACHING AIDS - ONE OF THE COMPETITIVE FACTORS AFFECTING EDUCATION IN LATVIA
  V. Laudams

• USING TECHNOLOGY IN A PRE-SERVICE TEACHER EDUCATION PROGRAM IN UNIVERSITY OF PORTO: AN
  EXPERIENCE WITH E-PORTFOLIOS
  P. Queirós, P. Silva, I. Martins, Z. Matos

• USING VIRTUAL CLASSROOMS AND THEIR FUNCTIONAL REQUIREMENTS IN HIGHER EDUCATION
  A.S. Bakyt, K. Bijoun
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- ACADEMIC LIBRARY FACULTY AND STAFF’S USABILITY ANALYSIS OF HOME IMPROVEMENT WEB RESOURCES: A CASE STUDY
  A. Oulanov

- CHALLENGES IN THE IMPLEMENTATION OF VOCATIONAL AND TECHNICAL EDUCATION POLICIES IN SENIOR SECONDARY SCHOOLS IN THE SEKONDI/TAKORADI METROPOLIS IN GHANA
  P. Swanzy

- DEVELOPMENT OF THE PROFESSIONAL COMPETENCES OF MUSIC TEACHERS: FROM CURRICULAR THEORY TO TEACHING PRACTICE THROUGH THE PLANNING OF THE TEACHING-LEARNING PROCESSES
  A. Vicente Bújez, M.T. Díaz Mohedo

- DEVELOPMENT OF TRANSVERSAL SKILLS THROUGH ACADEMIC RESEARCH WORKS
  O. Domínguez-Renedo, M.A. Alonso-Lomillo, M.J. Arcos-Martínez

- EDAE – THE ENCYCLOPEDIC DICTIONARY OF ADULT EDUCATION
  M. Mocanu, O. Panaite

- EXPERIENTIAL LEARNING THROUGH THE AUDIOVISUAL FICTIONAL STORIES: THE RELATION BETWEEN VIEWER’S IDENTIFIED AND FAVOURITE CHARACTERS
  J. Kratka

- ICT IN EARLY CHILDHOOD TEACHERS AND CHILDREN IN PORTUGUESE PRE-SCHOOL
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- INNOVATIVE POLICIES IN EDUCATION TO PROMOTE ICT CENTRES IN ANDALUSIA (SPAIN)
  J.I. Aguaded Gómez, M.A. Pérez Rodríguez, M. Fandos Igado

- MEDIA EDUCATION INCLUDING MEDIA LITERACY AND EXPERIENTIAL LEARNING
  J. Kratka

- MUSIC AND HIGHER EDUCATION: THE RELATIONSHIP BETWEEN TEACHING PRACTICE AND UNIVERSITY TEACHER TRAINING
  M.T. Díaz Mohedo, A. Vicente Bújez
• RESEARCH IN DISTANCE EDUCATION IN BRAZIL AFTER THE CREATION OF UAB (OPEN UNIVERSITY OF BRAZIL)
  M. Moraes, J. Rossato, J. Hermenegildo, E. Vieira

• RESEARCH OF THE SIGNIFICANCE OF POSITION OF THE CLASS TEACHER FROM THE POINT OF VIEW OF THE CLASS TEACHERS, SCHOOL MANAGEMENT, PUPILS AND THEIR PARENTS
  R. Pospisil

• THE FINDINGS FROM THE RESEARCH PROJECT ‘CLASS TEACHER – THE FACTOR AFFECTING HEALTH OF THE PUPILS’
  S. Streleck, E. Rehulka

• THE INFORMATIVE MANAGEMENT OF TENSIONS AND ENVIRONMENTAL RISKS. AN APPROACH TO CURRENT AFFAIRS FROM THE CRITIC EDUCATION PERSPECTIVE
  J. Lorente Bilbao, A. Panera Alonso

• THE INITIATIVES OF THE UNIVERSITY TEACHING IN THE MODALITIES OF E-LEARNING AND B-LEARNING IN THE CONTEXT OF THE EEES
  P. Silva

• THE INTERFERENCE OF FIRST LANGUAGE ON IGBOPHONE STUDENTS OF RUSSIAN LANGUAGE AT THE UNIVERSITY OF LAGOS
  C.J. Chukwube

• WHAT ARE THE PUPILS’ AND THEIR PARENTS’ OPINIONS OF THE ACTIVITIES AND COMPETENCES OF CLASS TEACHERS: EXPERIENCE WITH THE RESEARCH
  E. Frydkova, R. Pospisil

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  A.L. Jorge, F.P. Porfirio

• EDUCATIVE APPLICATIONS OF THE BLOGS: EDUBLOGS
  J.F. Durán Medina

• PROBLEM BASED LEARNING ASSESSMENT ENHANCED THROUGH THE INTEGRATION OF TECHNOLOGY
  L. Ellis, E. Cummings, J. Kelder
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• REDUCING THE GAP BETWEEN SOFTWARE ENGINEERING CURRICULUM MATERIAL AND MARKET NEEDS  
  S. Bouktif, M.A. Serhani, A. Benharraf

• THE OPINIONS OF TEACHERS ABOUT THE 4TH AND 5TH GRADE SCIENCE AND TECHNOLOGY CURRICULUM IN TURKEY  
  Ö. Tatar, M. Demirel

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• DESIGNING MORE EFFICIENT E-LEARNING IN THE WORKPLACE  
  T. Stoyanov

• EXPLORING THE APPLICATION OF E-PORTFOLIO BASED ON TECHNOLOGY ACCEPTANCE MODEL AND INFORMATION SYSTEM SUCCESS MODEL  
  J.W. Chen, M.Y. Chen, H.I. Hsu, M. Chang

• IDENTIFICATION OF THE CHALLENGES OF KNOWLEDGE MANAGEMENT IMPLEMENTATION: EVIDENCES FROM IRANIAN AUTO INDUSTRY  

• INTERCULTURAL E-PORTFOLIO  
  B. Mangada, G. Sanz Espinar

• KNOWLEDGE MANAGEMENT ACTIVITIES IN SWEDISH AND ROMANIAN ORGANIZATIONAL ENVIRONMENTS: A COMPARATIVE ANALYSIS  
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