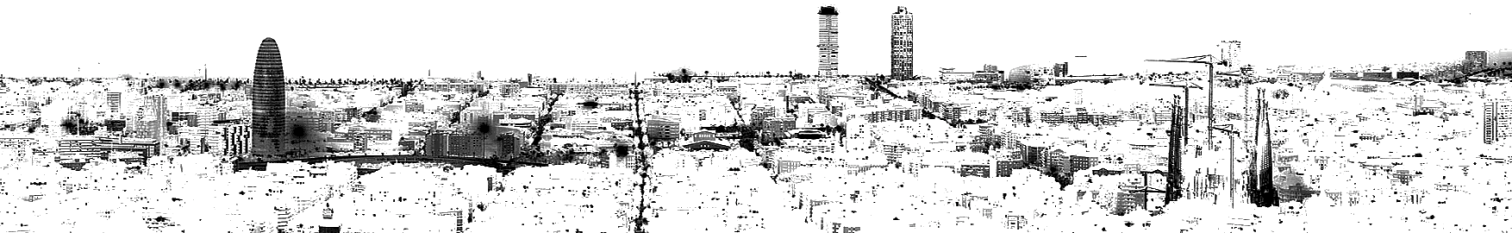


# EDULEARN<sub>10</sub>

## CONFERENCE PROGRAMME



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IATED

Book cover designed by  
J. L. Bernat Tomás

## **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: MONDAY, 5th JULY 2010

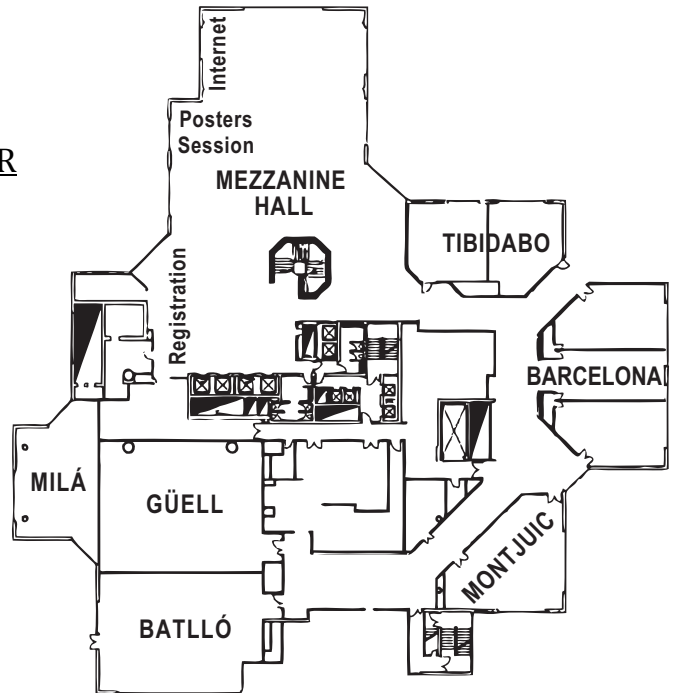
	Room: Güell	Room: Batlló	Room: Barcelona	Room: Tibidabo	Room: Milá	Room: Montjuic	Room: Poster Room
08:00	Registration (Mezzanine Hall) 08:00 - 09:00						
08:30							
09:00	Welcome Speech & Plenary Session (Room Tarragona + Girona) 09:00 - 09:45						
09:30							
10:00	Coffee Break (Hall Catalunya + Mediterraneo) 09:45 - 10:15						
10:30	Enhancing Learning and the Undergraduate Experience 10:15 - 12:00	International Projects 10:15 - 12:00	e-Learning 10:15 - 12:00	Blended Learning (1) 10:15 - 12:00	Learning Experiences in Primary and Secondary Education (1) 10:15 - 12:00	Pedagogical Innovations and Experiences in Architecture & Urban Planning 10:15 - 12:00	Poster Session1. e-Learning, Emerging Technologies and Educational Software & Serious Games 10:15 - 13:45
11:00							
11:30							
12:00	Evaluation and Assessment of Student Learning 12:15 - 13:45	International Projects. Outcomes and Conclusions 12:15 - 13:45	Technology-Enhanced Learning (1) 12:15 - 13:45	Blended Learning (2) 12:15 - 13:45	Learning Experiences in Primary and Secondary Education (2) 12:15 - 13:45	Learning Experiences in Business Adm.& Mgmt. Education 12:15 - 13:45	
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13:30	Lunch Buffet (Room Tarragona + Girona) 13:45 - 15:00						
14:00							
14:30							
15:00	Experiences in Education. Educational Management 15:00 - 17:00	Emerging Technologies in Education 15:00 - 17:00	Virtual Learning Environments (VLEs) 15:00 - 17:00	Computer Supported Collaborative Work (1) 15:00 - 17:00	Emerging Technologies in Primary & Secondary Education 15:00 - 17:00	Pedagogical Innovations and Experiences in Business Adm.& Mgmt. (1) 15:00 - 17:00	Poster Session2. Pedagogical Innovations in Education and International Projects 15:00 - 19:45
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16:00							
16:30							
17:00	Coffee Break (Mezzanine Hall) 17:00 - 17:30						
17:30	m-Learning and Mobile/Wireless Technologies 17:30 - 19:45	Emerging Technologies in Education and Web Classroom Technology 17:30 - 19:45	e-Learning. Learning Management Systems (LMS) 17:30 - 19:45	Computer Supported Collaborative Work (2) 17:30 - 19:45	Emerging Technologies in Foreign Languages Education 17:30 - 19:45	Pedagogical Innovations and Experiences in Business Adm.& Mgmt. (2) 17:30 - 19:45	
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19:00							
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## OVERVIEW: TUESDAY, 6th JULY 2010

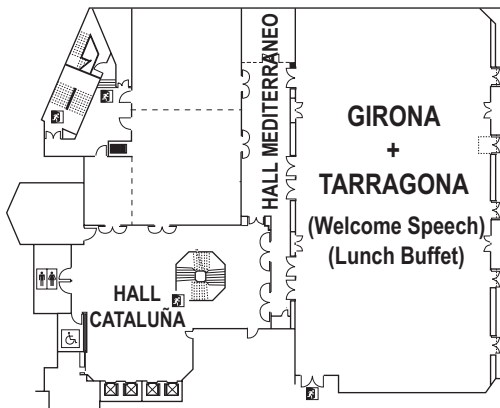
	Room: Güell	Room: Batlló	Room: Barcelona	Room: Tibidabo	Room: Milá	Room: Montjuic	Room: Poster Room
08:00	<b>Curriculum Design and Development</b> 08:00 - 10:00	<b>Pedagogical Innovations. New Learning/Teaching Models and Methodologies</b> 08:00 - 10:00	<b>e-Learning. Projects and Experiences (1)</b> 08:00 - 10:00	<b>Educational Software &amp; Serious Games (1)</b> 08:00 - 10:00	<b>Experiences in Education (1)</b> 08:00 - 10:00	<b>Pedagogical Innovations &amp; Experiences in Foreign Languages Education (1)</b> 08:00 - 10:00	<b>Poster Session1. Learning Experiences and Curriculum Design</b> 08:00 - 13:45
08:30							
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10:00	<b>Coffee Break (Mezzanine Hall)</b> 10:00 - 10:30						
10:30	<b>Educational Trends and Best Practice Contributions (1)</b> 10:30 - 12:00	<b>E-content Management and Development (1)</b> 10:30 - 12:00	<b>e-Learning. Projects and Experiences (2)</b> 10:30 - 12:00	<b>Educational Software &amp; Serious Games (2)</b> 10:30 - 12:00	<b>Experiences in Education (2)</b> 10:30 - 12:00	<b>Pedagogical Innovations &amp; Experiences in Foreign Languages Education (2)</b> 10:30 - 12:00	
11:00							
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13:30							
14:00	<b>Lunch Buffet (Room Tarragona + Girona)</b> 13:45 - 15:00						
14:30	<b>Technology -Enhanced Learning (2)</b> 15:00 - 17:00	<b>Pedagogical Innovations in Education. Learning and Teaching Methodologies</b> 15:00 - 17:00	<b>e-Learning. Projects and Experiences (3)</b> 15:00 - 17:00	<b>Pedagogical Innovations and Experiences in Mathematics &amp; Statistics Education</b> 15:00 - 17:00	<b>General Issues in Education</b> 15:00 - 17:00	<b>e-Learning Projects and Experiences in Health Sciences</b> 15:00 - 17:00	<b>Poster Session2. Experiences in Education and Research</b> 15:00 - 19:45
15:00							
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16:00							
16:30	<b>Coffee Break (Mezzanine Hall)</b> 17:00 - 17:30						
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17:30							
18:00							
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19:30	<b>Closing Honour Wine (Garden)</b> 19:45 - 21:00						
20:00							

## CONFERENCE ROOMS

### MEZZANINE FLOOR



### FLOOR (-2)





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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**

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**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*

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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. Ozpınar*

---

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

*G. Alarcón García, A. Beyaert Stevens, C. Campillo Martínez, E. Fernández Sabiote, R. Maria Dolores Pedrero, I. Martínez Conesa, J. Martínez Rodríguez, P. Montaner Sálas, A. Martínez Serrano, P. Martínez Solano, A. Rubio Bañon, F.I. Sánchez Martínez*

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## International Projects

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

*Monday, 5th of July*

*Room: Batlló*

- 
- 10:15 **DEVELOPING A NETWORK OF REGIONAL CENTRE'S FOR DELIVERY OF PROFESSIONAL VOCATIONAL EDUCATION AND TRAINING**  
*J. Stav, R. Støckert*
- 
- 10:30 **XCHANGE TO LEARN – EXCELLENCE IN INTERNATIONAL MOBILITY PROJECTS**  
*A. Groth, P. Mirski, T. Zangerl, C. Leahr*
- 
- 10:45 **FOSTERING TRUST IN MULTICULTURAL GLOBAL VIRTUAL TEAMS: A MODEL BASED ON THE VARIOUS STAGES OF GROUP DEVELOPMENT**  
*E. Verreault*
- 
- 11:00 **NEW EXPERIENCES IN INTERNATIONAL COOPERATION: ADMINISTRATIVE FACTORS AFFECTING INTERNATIONAL CROSS BORDER EDUCATION: A STUDENT SUCCESS MODEL**  
*P. Manzanares-Gonzales, P. Gonzales*
- 
- 11:15 **CO-LOCATED AND VIRTUAL TEAMS COMPETENCE IN INTERNATIONAL MANAGEMENT EDUCATION: PREPARING MANAGERS FOR A MULTICULTURAL WORLD**  
*D. Fortier*
- 
- 11:30 **INTERNATIONAL STUDENTS IN AUSTRALIAN UNIVERSITIES: GAP BETWEEN STUDENT EXPECTATIONS AND REALITIES**  
*A. Karim*
- 
- 11:45 **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**  
*B. Canniffe*
-

## **e-Learning**

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

*Monday, 5th of July*

*Room: Barcelona*

---

**10:15 CONCEPTUAL DESIGN OF A REQUIREMENT-BASED E-TUTORING COURSE AT A TECHNICAL UNIVERSITY: INCREASING STUDENTS' MOTIVATION BY USING VIDEOCONFERENCING**

*G. Rakoczi, I. Herbst*

---

**10:30 EXPERIENCES WITH "WHAT HAPPENS IF" SIMULATOR SERVICES IN VOCATIONAL TRAINING**

*J. Stav, E. Engh, K. Arnesen*

---

**10:45 WHAT REALLY WORKS IN PROMOTING STUDENT SUCCESS IN AN ONLINE COURSE? A PREDICTIVE ANALYSIS OF ENGAGEMENT TOOLS: DISCUSSION BOARD, GROUP ACTIVITY AND TEGRITY**

*J. Kehe, D. Curbeam*

---

**11:00 OIKODOMOS TECHNOLOGICAL PLATFORM**

*L. Madrazo, P. Riddy, A. Sicilia*

---

**11:15 LECTURE CAPTURE SYSTEMS – ARE THEY WORTH IT?**

*C. Brittan-Powell, A. El Haggan, H. Braha, S. Gregory*

---

**11:30 SOCIO-AFFECTIVE DIMENSION IN A DISTANCE LEARNING COURSE**

*M.F. Yong*

---

**11:45 THE EFFICIENCY OF E-LEARNING SYSTEM. CASE STUDY: ARAB OPEN UNIVERSITY - KUWAIT**

*H. Sharafuddin, C. Allani*

---

**Blended Learning (1)****Session chair: David White. The University of Auckland (NEW ZEALAND)***Monday, 5th of July**Room: Tibidabo*

---

**10:15 A VIDEO ANNOTATION TOOL FOR PERSONAL AND COLLABORATIVE USE***D. White, M. Coromandel, D. Sheridan*

---

**10:30 THE IMPORTANCE OF LINKING PEDAGOGY, SPACE AND TECHNOLOGY TO ACHIEVE AN EFFECTIVE LEARNING ENVIRONMENT FOR THE 21ST CENTURY LEARNER***A. Sala-Oviedo, K. Fisher, E. Marshall*

---

**10:45 A DIFFERENT KIND OF E-LEARNING FOR A DIFFERENT KIND OF LECTURERS? A CASE STUDY ON A PART TIME PROFESSIONAL EDUCATION PROGRAMME***F. Blaess, T. Vahlpahl*

---

**11:00 FINDING THE RIGHT BLEND OF DELIVERY OPTIONS FOR SYSTEMS ENGINEERING DISTANCE EDUCATION***B. Roberts, W. Owen*

---

**11:15 FROM DIRTY HARRY TO CLARICE STARLING, LEARNING TO POLICE IN A SAFE WAY: A BLENDED LEARNING APPROACH TO POLICE RECRUIT EDUCATION***C. Bushell*

---

**11:30 ROLLING-OUT PODCASTING TO THE MASSES: A CASE STUDY OF THE UNIVERSITY OF THE WESTERN CAPE***J. Stoltenkamp, Y. Khumalo, C. Kies*

---

**11:45 BLENDED LEARNING AT THE ALPEN-ADRIA-UNIVERSITAET KLAGENFURT – INITIATIVES, EFFECTS AND IMPLICATIONS***G. Frankl, S. Zederbauer*

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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*

---

10:15 THE EFFECT OF A PROPOSED DISTANCE TRAINING PROGRAM ON EGYPTIAN TECHNICAL SECONDARY SCHOOL TEACHERS' AWARENESS OF INFORMATION AND COMMUNICATION TECHNOLOGY

*M.H. Hendy*

---

10:30 SECONDARY EDUCATION AND COMPUTER USE IN BELGIUM, TANZANIA, AND THE UNITED STATES

*K. Wallerius*

---

10:45 TEACHING WITH TECHNOLOGY: MISSION POSSIBLE!

*J. Nashatker, B. Mills*

---

11:00 USING VIDEO ANNOTATION SOFTWARE TO ANALYZE CLASSROOM TEACHING EVENTS

*D. Burwell*

---

11:15 A STEP TOWARDS AN EFFECTIVE AND EFFICIENT MECHANICAL TECHNOLOGY EDUCATION MODEL FOR SOUTH AFRICAN SCHOOLS

*D. Bessinger, J. Mammen*

---

11:30 THE EFFECTS OF EDUCATIONAL SOFTWARE INTEGRATED WITH METACOGNITIVE PROMPTS ON PRIMARY STUDENTS ACHIEVEMENT AND METACOGNITION

*E. Yildiz, N. Tatar, E. Akpinar, Ö. Ergin*

---

11:45 TEACHERS' BELIEFS AND PRACTICES IN TEACHING ENGLISH AT MALAYSIAN PRIMARY SCHOOLS

*J. Othman*

---

**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*

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

---

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

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**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*

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**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*

---

## **Evaluation and Assessment of Student Learning**

**Session chair: Alan O'Donnell. Dublin Institute of Technology (IRELAND)**

*Monday, 5th of July*

*Room: Güell*

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12:15 **EVALUATION OF LEARNING OUTCOMES IN UNDERGRADUATE ONSITE AND ONLINE ACCOUNTING COURSES**  
*C. Fajardo*

---

12:30 **THE ENHANCEMENT OF STUDENT LEARNING THROUGH ENGAGEMENT AND FEEDBACK IN THE ASSESSMENT PROCESS**  
*N. Delaney, A. O'Donnell*

---

12:45 **ADAPTATION OF OUTCOME BASED ASSESSMENT SYSTEM AT UNDERGRADUATE LEVEL**  
*N. Fardows*

---

13:00 **A LUDDITE'S USE OF ELECTRONIC LOGS AS A WAY INSIDE LITERATURE**  
*R. Jacklosky*

---

13:15 **AN INVESTIGATION OF USING TEXTBOOK ANNOTATIONS AS A STUDY AID FOR COLLEGE STUDENTS**  
*N. Erturk, R. Keen*

---

13:30 **THE EXPERIENCE WITH UNCONVENTIONAL AUTOMATED KNOWLEDGE ASSESSMENT IN MOODLE ENVIRONMENT**  
*K. Jelemenská, P. Čičák*

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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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**12:15 THE BERLIN PROJECT: A BLUEPRINT FOR PUBLISHING OPEN EDUCATIONAL RESOURCES**

*S. Stapleton, A. Johnson, A. Beggan, J. Horton*

---

**12:30 STAFF ENGAGEMENT IN THE SINGAPOREAN SCHOOL SYSTEM: LEADERSHIP TRAINING STRATEGIES FOR THE DEVELOPMENT OF SINGAPORE SCHOOL PRINCIPALS**

*D. Hanson, C. Ward*

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**12:45 LEVELING THE PLAYING FIELD THROUGH AN INTERNATIONAL COLLABORATION IN RESEARCH TRAINING**

*F. Nieto-Fernandez*

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**13:00 ICT IN INITIAL TEACHER TRAINING: FIRST FINDINGS AND CONCLUSIONS OF AN OECD STUDY**

*K. Ananiadou, C. Rizza*

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**13:15 EXPERIENCES IN EDUCATION. MUSEUM EDUCATION AND FRIENDSHIP TRAIN PROJECT**

*A. Cakir Ilhan, M. Artar, A. Okvuran, C. Karadeniz*

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**13:30 EXTRACTING REAL WORLD MODEL VALUES FROM EO DATA, AIMING TO ASSIST DECISION SUPPORT SYSTEMS IN THE RESTORATION OF OPEN-CAST NICKEL MINES**

*N. Spyropoulos, S. Valmis, A. Ganas, G. Metaxas*

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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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12:15 MODERATED VS. PUBLIC COMMUNITIES: A STUDY ON THE SOCIAL NETWORK ORKUT

*E.S. Lisboa, C.P. Coutinho*

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12:30 A WEB BASED LESSON PLANNING SYSTEM ASSISTANT BASED ON CASE BASED REASONING (CBR)

*A. Saad, P.W.H. Chung, C. Dawson*

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12:45 MINIMIZING WORD ERROR RATE IN A DYSLEXIC READING-ORIENTED ASR ENGINE USING PHONEME REFINEMENT AND ALTERNATIVE PRONUNCIATION

*H. Husni, Z. Jamaludin*

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13:00 MOTIVATION IN COMPUTER GAMES: THE IMPACT OF REWARD UNCERTAINTY ON LEARNING.

*S. Demetriou*

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13:15 OPENCAST, THE OPENCAST COMMUNITY AND OPENCAST MATTERHORN – A GLOBAL COMMUNITY-DRIVEN COOPERATION TO BUILD A MANAGEMENT SYSTEM FOR ACADEMIC VIDEO

*O.A. Schulte, V. Goyanes de Miguel*

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13:30 TEACHING WITH A DIGITAL TEXTBOOK: WHERE EXPERIMENTAL ETHNOGRAPHY MEETS PEDAGOGICAL INNOVATION

*M. Ingram*

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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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**12:15 BLENDED LEARNING IN HIGHER EDUCATION: STUDENTS' EXPERIENCES AND THE RELATION TO STUDENT OUTCOMES**

*M.V. López Pérez, M.C. Pérez López, L. Rodríguez Ariza*

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**12:30 E-LEARNING COURSE CRITERIA (ECC) IN HIGHER EDUCATION**

*A. Alraddadi, A. Al-Alwani*

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**12:45 BUILDING, PROMOTING, AND SUPPORTING SUCCESSFUL ONLINE LEARNING COMMUNITIES: PRACTICAL APPLICATIONS FOR EFFECTIVE COLLABORATION FROM AN ACCREDITED NEW YORK CITY TEACHER EDUCATION PROGRAM**

*J. Lauria, D. Stuckart, R. Frumkin, C. Guarasci*

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**13:00 DEVELOPING BLENDED COURSES: THE INTEGRATION OF FACE-TO-FACE AND ON-LINE INSTRUCTION A NIBBLE AT A TIME**

*G. Wells*

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**13:15 COMPARISON OF THE EFFECTIVENESS BETWEEN THE ONLINE COURSES (E-LEARNING) AND MIXED ONLINE DISTANCE COURSES (B-LEARNING) TO DEVELOP COMPETENCIES**

*M.J. Rivero, L.M. Ramírez, S. Ceja, T.L. De la Torre*

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**13:30 BELLS AND WHISTLES VS. BRICKS AND MORTAR: IMPLEMENTING A SUCCESSFUL CONVERSION TO A BLENDED LEARNING ENVIRONMENT USING A WEB BASED APPLICATION**

*A. Berre, K. Walker, D. Brown*

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**Learning Experiences in Primary and Secondary Education (2)****Session chair: Ingvar Stål. Botby HS, Skolresurs (FINLAND)***Monday, 5th of July**Room: Milá*

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**12:15 THE SCIENTIFIC METHOD (INQUIRY) IN PHYSICS EDUCATION AT JUNIOR HIGH-SCHOOL***I. Stål, H. Lauren*

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**12:30 INFORMATION & COMMUNICATION TECHNOLOGIES IN PRIMARY SCHOOL TEXTBOOKS***S. Arslan, I. Ozpinar, N. Kala*

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**12:45 USING WIKIS TO ENHANCE AND DEVELOP WRITING SKILLS AMONG SECONDARY SCHOOL STUDENTS: THE HONG KONG CASE***B. Mak*

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**13:00 HUMAN GENIUS INVESTIGATED BY AN INTERACTIVE SOFTWARE. LEONARDO DA VINCI: FROM FINE ARTS TO ENGINEERING A MIND IS REVEALED IN HIS COMPLEXITY***S.D. Orlandi, M. Boldrini*

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**13:15 BASIC EDUCATION AND AGRICULTURAL-INDUSTRIAL RESEARCH: EXPERIENCES OF LIFE***G.M.L. Ruiz-Aguilar, S. Alejo-Lopez, C. Cervera-Delgado, G. Arroyo-Figueroa*

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**13:30 SCHOOLS CAN IMPROVE THE SOCIAL AND ACADEMIC SUCCESS OF AT-RISK STUDENTS: EFFECTIVENESS OF A SOCIAL SKILLS COUNSELING INTERVENTION***J. Kilian*

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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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12:15 **COMPUTING SIMULATIONS AS A TEACHING PLATFORM: SUCCESS FACTORS IN USING MARKOPS SIMULATION**  
*C. Gurau*

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12:30 **STUDENTS' PERCEPTIONS OF AUDIO FEEDBACK: AN EXAMINATION OF INDIVIDUAL DIFFERENCES**  
*D. Hooper*

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12:45 **THE USE OF PARTICIPANT- CENTERED LEARNING IN A SOUTH AFRICAN BUSINESS SCHOOL**  
*G. Bick, T. Carmichael*

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13:00 **HOW NOT TO TEACH RESEARCH METHODOLOGY TO MBA STUDENTS IN SOUTH AFRICA**  
*T. Carmichael, G. Bick*

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13:15 **THE CREATION, DEVELOPMENT AND IMPLEMENTATION OF A BUSINESS CURRICULUM IN A PROFESSIONAL CHIROPRACTIC PROGRAM**  
*B. Flannery*

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13:30 **LEARNING EXPERIENCES IN HIGHER AND FURTHER EDUCATION IN THE UNAM**  
*C. González*

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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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15:00 A UNIVERSITY-STUDENT RELATIONSHIP MANAGEMENT APPROACH FOR THE INTERNATIONAL UNIVERSITY OF THE EUROPEAN HIGHER EDUCATION AREA  
*M.A. Gandarillas*

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15:15 BETWEEN CHAOS AND CONTROL: CREATING HIGH-PERFORMANCE CULTURES IN UNIVERSITIES AND COLLEGES  
*H. Logan*

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15:30 UTILIZATION OF TECHNOLOGY FOR ASSESSMENT, RESEARCH, AND TRAINING OF EDUCATIONAL LEADERSHIP USING EMOTIONAL INTELLIGENCE AS A NEW PARADIGM  
*G. Potter*

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15:45 STRATEGIES APPLIED TO TRANSFORM THE STAFF PROFILE OF A TECHNIKON TO THE REQUIREMENTS OF A UNIVERSITY OF TECHNOLOGY  
*P. Marais*

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16:00 POSTGRADUATE PROGRAMS: WHERE TEACHING AND RESEARCH INTEGRATE TOGETHER TO ASSIST ACADEMIC STAFF FOR COMPETENCY  
*M.R. Ahanchian*

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16:15 STUDENTS' PERCEPTION ON QUALITY EDUCATION MANAGEMENT IN UNIVERSITY TEKNOLOGI MARA: AN EXPLORATORY STUDY  
*R. Mohd Rashid, S. Haron*

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16:30 DESIGN AND DEVELOPMENT OF A PLAN TO IMPROVE ON THE COMMUNICATION TO PROMOTE THE PARTICIPATION OF STUDENTS IN INDUSTRIAL ENGINEERING DEGREES CURRICULUM  
*J.C. Soto Merino, G. Urraza Digón, I. Lecubarri Alonso, S. Navalpotro Cuenca, M. Loizaga Garmendia, A. Urresti González, E. Martín Gómez, I. Basterretxea Muniozguren, E. Laradogoitia Alzaga*

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16:45 THE PERCEPTIONS OF ACADEMICIANS REGARDING THE ONLINE PERFORMANCE EVALUATION PROCESS  
*G. Ozaslan, M. Gurses*

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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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**15:00 STUDENT'S EXPERIENCE WITH USE OF WEB-BASED STUDENT RESPONSE SERVICES FOR MODERN HANDHELD DEVICES**

*J. Stav, K. Liestøl Nielsen, G. Hansen-Nygård, T. Trond*

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**15:15 INTERACTIVE WHITEBOARDS – A PILOT PROJECT**

*T. Bianco*

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**15:30 PERSONAL INFORMATION MANAGEMENT: THE INFORMATION COMPANION**

*F. Truyen*

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**15:45 CONCRETE PROGRAMING FOR PROBLEM-SOLVING SKILLS**

*V. Estivill-Castro*

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**16:00 KIDSMART SOFTWARE: A TOOL FOR HELPING KIDS AT JORDANIAN PUBLIC KINDERGARTENS TO ACCESS, PROCESS AND DEAL WITH ICT**

*K. Ajlouni*

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**16:15 DOES COMPUTER USE MAKE THE DIFFERENCE? SOME RESULTS FROM PISA 2006**

*M. Loi, C. Rizza*

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**16:30 INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) KNOWLEDGE, SKILL AND ATTITUDE AMONG SCIENCE TEACHERS IN TEHRAN, IRAN**

*Z. Abedi Kargiban, H.R. Kaffash, A. Kavousi, M.T. Ramezani*

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**16:45 ENGAGING OPERATIONS MANAGEMENT STUDENTS BY DESIGNING THE UNIT WITH INDUSTRY FOCUS**

*A. Karim*

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## **Virtual Learning Environments (VLEs)**

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

*Monday, 5th of July*

*Room: Barcelona*

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**15:00 DATA-DRIVEN FRAMEWORK FOR AN ONLINE 3D IMMERSIVE ENVIRONMENT FOR EDUCATIONAL APPLICATIONS**  
*A. Arya, N. Nowlan, N. Sauriol*

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**15:15 APPROACHES FOR 3D-VISUALIZATIONS AND KNOWLEDGE WORLDS FOR EXPLORATORY LEARNING**  
*D. Burkhardt, C. Stab, K. Nazemi, M. Breyer, D.W. Fellner*

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**15:30 INNOVATION IN HIGHER EDUCATION WITH SLOODLE: LEARNING ENVIRONMENT MOODLE INTEGRATED WITH SECOND LIFE**  
*M.A. Prats, F. Gandol, A. Ferreira*

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**15:45 VIRTUAL LEARNING ENVIRONMENTS SUPPORTING ON-LINE LANGUAGE LEARNING AND CULTURAL PREPARATION FOR RESIDENCE ABROAD**  
*K. Brogan, R. Walsh*

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**16:00 VIRTUAL LEARNING ENVIRONMENT IN HIGHER EDUCATION: THE ROLE OF SECOND LIFE**  
*N. Ahmad, S. Khan*

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**16:15 A COMPETENCY ANALYSER AS A KNOWLEDGE-BASED APPROACH FOR MAKING E-LEARNING MORE FLEXIBLE AND PERSONALISED**  
*M.E. Chan, S.C. González, R. Morales*

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**16:30 LEARNING WITHIN INNOVATION PROJECTS: THE DEVELOPMENT OF AN AUDIOVISUAL LEARNING HISTORY**  
*R. Liesveld, M. van Amstel-van Saane, B. Regeer, J. Bunders*

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**16:45 WEB 2.0 TRAINING NEEDS ANALYSIS FOR NOVICE RESEARCHERS**  
*B. Mohamed, T. Koehler*

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**Computer Supported Collaborative Work (1)****Session chair: Ted Clark. University of Melbourne (AUSTRALIA)***Monday, 5th of July**Room: Tibidabo*

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**15:00 USE OF E-PORTFOLIOS AND WEB 2.0 TOOLS IN THE ASSESSMENT OF GROUP WORK ACTIVITIES IN THE UNDERGRADUATE BIOMEDICAL SCIENCE CLASSROOM**

*S. O' Sullivan, H. McGlynn*

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**15:15 IDENTIFYING "CONNECTIVISM" IN ONLINE PERSONAL LEARNING ENVIRONMENTS IN STUDENT ONLINE SOCIAL NETWORKING IN THEIR HIGHER EDUCATION STUDIES**

*T. Clark*

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**15:30 THE ROLE OF THE TUTOR: DEVELOPING A PEDAGOGY USING AUDIO TO SUPPORT COLLABORATIVE ASSESSMENT**

*M.A. Doolan*

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**15:45 A WEB 2.0 SOCIAL COMMUNITY FOR COLLABORATIVE LEARNING OBJECT DEVELOPMENT AND SHARING**

*J.F. Mohammed Abdul, V. Ramírez Velarde*

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**16:00 INFORMATION SECURITY REGULATION IN INTERNATIONAL CONTEXT**

*A. Matwyshyn*

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**16:15 EDUCATIONAL PLATFORM EDUCAFI: A TOOL FOR TEACHING**

*M. Aburto-Estebanez, A. Bartolo-Gervacio, O. Estrada-Castillo*

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**16:30 PROJECT ITACA**

*M. Vivancos*

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**16:45 HARNESSING 3D APPLICATIONS FOR TECHNOLOGY ENHANCED LEARNING**

*G. Dafoulas, N. Saleeb*

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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*

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15:00 THE EFFECT OF DYNAMIC GEOMETRY SOFTWARE ON SEVENTH GRADE STUDENTS' UNDERSTANDING OF QUADRILATERALS

*H. Gülbağcı, S. Olkun*

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15:15 E-PROJECT BASED LEARNING USING ANIMATION IN PRIMARY SCHOOLS

*A. Mohd Yusof, H. Song*

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

*A. Kokkinaki*

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15:45 EXPLORING INTERACTIVE WHITEBOARD USES IN CATALANISH CLASSROOMS

*X. Àvila, F. Gandol, E. Carrillo, M.G. Badilla, M. Cortada Pujol, J. Riera*

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16:00 A STUDY ON THE EFFECTS OF EDUCATIONAL MATERIALS ON TEACHING MATHEMATICS

*E. Yurt, A. Sunbul*

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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*

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16:30 THE IMPACT OF IMPLEMENTING IEARN PROJECTS IN STUDENTS' WRITING ABILITY

*T. Al-Riyami*

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16:45 EQUIPPING THE PUBLIC PRIMARY SCHOOLS IN PUEBLA: THE CASE OF THE ENCICLOMEDIA SYSTEM IN THE STATE OF PUEBLA, MEXICO

*J.C. Botello*

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**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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15:00 **BEYOND BOOKS: THE IMPACT OF THE ELECTRONIC PUBLISHING PHENOMENON ON LEARNING PERFORMANCE**  
*M. Liesaputra, J. Haar, J. Scott*

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15:15 **THE INFLUENCE OF DYNAMIC HOMEWORK ASSIGNMENTS ON STUDENTS' LEARNING BEHAVIOR**  
*M. Nettekoven, K. Ledermüller*

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15:30 **STUDENTS' PERCEPTIONS OF BUSINESS GAMES AS A LEARNING TOOL IN SPAIN, IRELAND AND PORTUGAL**  
*A.B. Hernández, A. Perera, M.T. Gorjup, R. Cascón, F. Campa*

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15:45 **F.O.O.D.: A MODEL FOR PREPARING UNDERGRADUATE STUDENTS FOR INTERNATIONAL MANAGEMENT**  
*D. Fortier, E. Verreault*

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16:00 **WHICH SKILLS ARE DEMANDED AT THE "HUMAN RESOURCES" MARKETPLACE? – EXPLICITLY HEADED SKILLS STATED IN JOB ADVERTISEMENTS FOR FINANCE AND ACCOUNTING GRADUATES**  
*K. Ledermüller*

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16:15 **A CONCEPTUAL MODEL FOR DIVERSITY, CULTURE AND STRATEGY IMPLEMENTATION IN TERTIARY EDUCATION**  
*K. Strydom, S. Perks, E. Smith*

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16:30 **A METHOD FOR DECISION MAKING BASED ON PROBABILISTIC INFORMATION AND DISTANCE MEASURES**  
*J. Merigó*

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16:45 **A METHOD FOR LINGUISTIC DECISION MAKING IN EDUCATIONAL MANAGEMENT**  
*J. Merigó*

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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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**17:30 PEDAGOGY 2.0: INVIGORATING A PAPER BASED DESIGN HISTORY COURSE***T. Cochrane, R. Bateman*

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**17:45 USING GOOGLE GROUPS IN A M-LEARNING ENVIRONMENT***S. Abrantes, L. Gouveia*

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**18:00 LACE: HOW OPEN ICT HELPS TO BUILD INTERNATIONAL MASTERS IN THE BOLOGNA PHILOSOPHY***F. Truyen, A. Kuppens*

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**18:15 EXPERIENCES WITH PRODUCT ORIENTED TRAINING AND MOBILE COMPUTING IN VOCATIONAL EDUCATION AND TRAINING***J. Stav, E. Engh, K. Arnesen*

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**18:30 CASTING FOR KNOWLEDGE***V. Huse, M. McAnally, S. Bauer*

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**18:45 AN RESEARCH OF INTEGRATING STRATEGIES OF STS PROJECT-BASED LEARNING AND THE UBIQUITOUS-LEARNING ENVIRONMENT TO CAMPUS PLANT TEACHING FOR ELEMENTARY SCHOOL STUDENTS***S. Lee, F. Lin, N. Gu, W. Su*

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**19:00 MOBILE LEARNING APPLICATIONS AND PRACTICE IN TURKEY***F. Cakmak, D. Ozceylan*

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**19:15 A CASE STUDY: THE EFFECTS OF USING A CULTURAL SENSITIVE BIDIRECTIONAL TRAVELING DIALOGUES MOBILE APPLICATION ON A DESIGN EDUCATION STUDY TRIP TO JAPAN***T.H. Ho*

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**19:30 USING THE PERSONAL RESPONSE SYSTEM (PRS) IN PREPARATORY LEVEL MATHEMATICS COURSES***M. Shabeer*

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**19:45 A CURRENT REVIEW OF THE USE OF MOBILE TECHNOLOGY TO ENHANCE LEARNING AND COMMUNICATION AMONG CHILDREN WITH DEVELOPMENTAL DISABILITIES***H. Song, A. Mohd Yusof*

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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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**17:30 DISTANCE EDUCATION WITH BIGBLUEBUTTON**

*S. Muegge, A.J. Bailetti, D. King, S. Tanev, M. Weiss*

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**17:45 ASSESSING SOCIAL WORK PRACTICE SKILLS VIA WEBCAM TECHNOLOGY**

*P. Nelson, C. Lee*

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**18:00 DIALECTICAL TENSIONS BETWEEN ONLINE-CLASSROOM PROFESSORS AND INSTRUCTIONAL SUPPORT PERSONNEL: TOWARD A NEEDS-CENTERED MODEL OF DIALOGUE**

*T. Endres, K. Boyer*

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**18:15 NEW LEARNING TECHNOLOGIES IN TEACHING TAXATION**

*C. Lepow*

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**18:30 LEARNING PROCESS SYNCHRONIZATION INTERACTIVELY**

*H. Delebecque*

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**18:45 INTRODUCTION OF "PERSONAL RESPONSE SYSTEMS" (CLICKERS) FOR TEACHING ANALYTICAL CHEMISTRY AT THE UNIVERSITY OF LA LAGUNA**

*J. Hernández-Borges, V. Pino-Estévez*

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**19:00 MULTIPURPOSE MOBILE HP LABORATORY FOR SCIENCE AND ENGINEERING STUDENTS**

*T. Antimirova, M. Milner-Bolotin*

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**19:15 THE USE OF INSTRUCTIONAL TECHNOLOGY IN HIGHER EDUCATION: AN EMPIRICAL STUDY AT THE UNIVERSITIES OF EAST ALGERIA**

*L. Bouabdallah, H. Kherbache*

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**19:30 FACTORS PREVENTING TEACHERS' INNOVATIVE USE OF TECHNOLOGY IN THEIR TEACHING: A CASE OF NORTH CYPRUS**

*B. Cubukcuoglu*

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**e-Learning. Learning Management Systems (LMS)****Session chair: Georgios Dafoulas. Middlesex University (UNITED KINGDOM)***Monday, 5th of July**Room: Barcelona*

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

*G. Dafoulas, B. Barn, G. Abeysinghe, Y. Zheng, K. Swigger, R. Brazile, F.N. Alpaslan, F.C. Serce, V. Lopez Cabrera*

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**17:45 DIGITAL OFFICE HOURS: CYBER-COACHING IN A WEB-ENHANCED COURSE**

*D. Quarless*

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**18:00 AN ARCHITECTURE FOR GROUPWORK MANAGEMENT BASED ON ADAPTIVE TESTING**

*C. de Castro*

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**18:15 TRAINING TEACHERS IN E-LEARNING WITHOUT INTERNET ACCESS**

*R. Garrote Jurado, T. Pettersson, F. Seoane Martínez, P. Sigrén, M. Christie*

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**18:30 USABILITY OF ONLINE LEARNING ENVIRONMENTS – A CASE STUDY IN HIGHER EDUCATION**

*S. Balula, J. Alves Diniz*

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**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*

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**19:00 MONITORING STUDENTS' OVERSEAS EXPERIENCE THROUGH A LEARNING MANAGEMENT SYSTEM**

*C. Shirley*

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**19:15 BLENDED LEARNING AND PEER COLLABORATION IN TEACHER EDUCATION**

*H. Bhatia*

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**19:30 HERDING CATS: THE PSYCHOLOGY OF FACULTY ADOPTION OF INSTRUCTIONAL TECHNOLOGY**

*C. Brittan-Powell, A. El Haggan, H. Braha, S. Gregory*

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**Computer Supported Collaborative Work (2)****Session chair: Lynn Jones Eaton. The University of Texas at Austin (UNITED STATES)***Monday, 5th of July**Room: Tibidabo*

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**17:30 A STATEWIDE UNIVERSITY SYSTEM (16 CAMPUSES) CREATES COLLABORATIVE LEARNING COMMUNITIES IN SECOND LIFE**

*L. Jones Eaton, M. Guerra, S. Corliss*

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**17:45 LEARNING TOGETHER TOWARD A COMMUNITY OF LEARNING**

*V. Pandolfini*

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**18:00 INSCENA: ACTING AND LEARNING ELEMENTS OF COMPUTER PROGRAMMING ON A VIRTUAL STAGE**

*G. Chiazzeze, M.R. Laganà, L. Lorenzini*

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**18:15 INTERACTIVE EDUCATIONAL ENVIRONMENT FOR ACTIVE LEARNING OF MATHEMATICS**

*J. Sekerák, S. Lukáč, D. Šveda*

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**18:30 A MODEL BASED ON INTELLIGENT VIRTUAL ENVIRONMENTS TO ASSIST THE LEARNING OF THE PROGRAMMING AND MATHEMATICS**

*R.A. Aguilar, G.E. Gómez, F. Moo Mena, R. Uicab, I. Tuyub*

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**18:45 WHAT IS WEB 2.0 CAPABLE OF? INDIVIDUAL AND SOCIAL KNOWLEDGE CONSTRUCTION IN HIGHER EDUCATION**

*A. Moghaddam*

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**19:00 DYNAMICS OF VIRTUAL LEARNING GROUPS AND ONTOLOGICAL SECURITY**

*H.T. Ozturk*

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**19:15 INTERACTIVE WHITEBOARD FOR REMOTE COLLABORATIVE WORK IN MATHEMATICS**

*M.A. Magaña-Lemus*

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**19:30 "OF MY MEANINGFUL LEARNING EXPERIENCE": A CASE FROM A TEACHER EDUCATION COURSE**

*S. Kaartinen*

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**19:45 GLOBAL SOCIAL MEDIA IN ACADEMIA: CASE STUDIES OF MASS MEDIA COURSES**

*S. Srinivasan*

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## Emerging Technologies in Foreign Languages Education

**Session chair: José Martín Gasca. National Autonomous University of Mexico (MEXICO)**

*Monday, 5th of July*

*Room: Milá*

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**17:30 METHODOLOGY FOR TECHNOLOGY: USES AND MISUSES OF WEB 2.0 IN LANGUAGE EDUCATION**

*E. Ozgur Kufi, J. Eldridge*

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**17:45 WEBLOGGING IN KUMAMOTO: BLOGS AND BLOG COMMUNITIES AS VEHICLES FOR LANGUAGE EDUCATION**

*R. Lavin*

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**18:00 INTEGRATION OF FACE-TO-FACE TUITION AND E-LEARNING APPLIED TO LESS WIDELY TAUGHT LANGUAGES**

*M. Valecková, L. Strnadová*

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**18:15 WIKIS IN AN ENGLISH PROFICIENCY NEWS COURSE**

*A. Forrester*

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**18:30 THE APPLICATION OF NEW TECHNOLOGIES IN A FOREIGN LANGUAGE LESSON: A COMPULSORY ACTIVITY TO UPDATE OUR COURSES**

*J. Martín Gasca*

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**18:45 STUDENTS' MINI LECTURES THROUGH POWERPOINT:A LEARNING STRATEGY TO IMPROVE THEIR SPEAKING AND LISTENING SKILLS**

*M. Ahmadi*

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**19:00 ALKHALEEL: A CORPUS-BASED LEARNING TOOL FOR ARABIC**

*H. Harmain*

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**19:15 THE IMPACT OF GLOBALIZATION AND INTERNET IN EFL CLASSROOMS: A COMPARATIVE STUDY BETWEEN CHINA AND IRAN**

*G. Modarresi, K. Jalilzadeh, M. Mehrani*

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**19:30 HIGH SCHOOL LEARNERS' PERCEPTIONS OF THEIR SUCCESSES AND FAILURES IN FOREIGN LANGUAGE LEARNING**

*P. Maftoon, G. Modarresi, K. Jalilzadeh*

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**Pedagogical Innovations and Experiences in Business Adm.& Mgmt. (2)****Session chair: Karl Ledermüller. WU Vienna (AUSTRIA)***Monday, 5th of July**Room: Montjuic*

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- 17:30 **ASSESSING THE STUDENTS' PERCEPTION ABOUT LEARNING COMPETENCES IN A MANAGEMENT COURSE**  
*S. de Juana-Espinosa, J. Valdés-Conca, J. Fernandez-Sanchez, M. González-Ramírez, E. Manresa-Marhuenda, V. Sabater Sempere, R. Andreu Guerrero, J. Tarí Guilló, L. Rienda García*
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- 17:45 **BUSINESS MANAGEMENT: DIDACTICS THROUGH A GRAPHICAL CONTEXT. A PRELIMINARY INNOVATIVE PROPOSAL**  
*J. Tarrés i Turon*
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- 18:00 **HOW TO WORK TOGETHER TO SOLVE YOUR CLIENT'S BUSINESS CHALLENGES USING SUSTAINABILITY APPROACH**  
*B. Kalina, G. Kalina*
- 
- 18:15 **FOUNDATIONS FOR THE CURRICULAR DESIGN OF AN UNDERGRADUATE PROGRAM IN BUSINESS MANAGEMENT, BASED ON COMPETENCES**  
*C. Robles-Estrada*
- 
- 18:30 **ENHANCING THE LEARNING PROCESS IN MASS-LECTURES WITH SIMULATIVE VISUALIZATIONS**  
*K. Ledermüller, M. Nettekoven*
- 
- 18:45 **COMPUTER-SUPPORTED COLLABORATIVE LEARNING ENVIRONMENTS: LECTURER FEEDBACK FROM AN UNDERGRADUATE CASE STUDY INVOLVING SOCIAL COMPUTING TECHNOLOGIES**  
*S. Roodt*
- 
- 19:00 **E-CONSCIENTIOUSNESS AND E-PERFORMANCE IN ONLINE UNDERGRADUATE MANAGEMENT EDUCATION**  
*R. Abzug*
- 
- 19:15 **EFFECTS OF IMPLEMENTATION OF THE BOLOGNA SYSTEM OF EDUCATION - CASE OF THE UNIVERSITY OF BELGRADE**  
*M. Krsmanovic, D. Knežević, M. Đurić, A. Horvat*
- 
- 19:30 **E-LEARNING IN AGRIBUSINESS AND COMMERCE**  
*A. Nábrádi, Z. Bács, V. Fenyves, K. Pető*
- 
- 19:45 **THE PLAGIARISM PREVENTION MODEL FOR HIGHER EDUCATION IN SOUTH ASIA**  
*I. Khan, W. Ahmed*
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**POSTER SESSIONS MONDAY MORNING****Poster Session1. e-Learning, Emerging Technologies and Educational Software & Serious Games***Monday, 5th of July**Room: Poster Room*

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- **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*

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

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

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- **INFORMATICS FOR CHEMISTS: BASIC INFORMATIC TOOLS AT THE GRADE IN CHEMISTRY**  
*K. Castro, M. Olivares, I. Martínez-Arkarazo, L.A. Fernandez, O. Zuloaga, A. Usobiaga*

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

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

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

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

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- **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*

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

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

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- **PROMOTING QUALITY ASSURANCE IN CHEMISTRY LEARNING USING “PERSONAL RESPONSE SYSTEMS”**  
*M. Rodríguez-Delgado, J. Hernández-Borges*

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- **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*

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

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

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- **TEACHERS' ATTITUDES TOWARD USE OF TECHNOLOGY: A RESEARCH FOR INFORMATICS TECHNOLOGY USE IN EDUCATION OF PRIMARY SCHOOLS**  
*S.S. Gulluoglu*

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

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

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- **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*

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

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

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- **USING TABLET COMPUTERS FOR PRESENTATION OF SLIDES IN THE PROCESS OF TEACHING**  
*M. Jurikovic, P. Pištek, K. Jelemenská, O. Bereš, M. Fülöp, V. Dúcky, P. Píš, M. Tanko*

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**POSTER SESSIONS MONDAY AFTERNOON****Poster Session2. Pedagogical Innovations in Education and International Projects***Monday, 5th of July**Room: Poster Room*

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- **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*
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- **DEVELOPMENT OF SIMULATION TEACHING INFUSING PSYCHIATRIC NURSING AND EVALUATING INDICATORS OF PROFESSIONAL KNOWLEDGE, ATTITUDES, AND SKILLS FOR NURSING STUDENTS IN THE ASSOCIATE DEGREE PROGRAM**  
*Y. Ku, H. Lin, C. Wu, H. Tseng*

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- **EFL TEACHERS' BELIEFS ABOUT DIFFERENT APPROACHES TOWARDS TERTIARY LEVEL INSTRUCTION**  
*E. Kilinc*

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- **ELECTRONICS ADMINISTRATION OF ERASMUS PROGRAM IN SLOVAK REPUBLIK**  
*J. Fabus, N. Krivonakova*

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- **EVALUATION IN STRATEGIC MANAGEMENT: DIFFERENCES IN STUDENT PERFORMANCE ACCORDING TO THE TYPE OF EVALUATION**  
*J.F. Molina-Azorín, J. Pereira-Moliner, E.M. Pertusa-Ortega, P.C. Zaragoza-Sáez, E. Claver-Cortés, M.D. López-Gamero, B. Marco Lajara*

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- **GRAPHIC DESIGN NEEDS OF A BLENDED LEARNING CURRICULUM**  
*P. Mthimkulu*

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- **HISPANIC CIVILIZATION WITHOUT BOOKS**  
*G. Ramsden*

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- **IMPLEMENTATION OF KNOWLEDGE MANAGEMENT AS A COMPETITIVE ADVANTAGE**  
*K. Štofková, J. Štofková*

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- **METHODS TO ASSESS STUDENTS LEARNING. ADVANTAGES AND DISADVANTAGES**  
*M. González, I. Gonzalez, M. Bermejo*

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- **NEW METHODOLOGIES AND STRATEGIES IN THE SUBJECT OF EXPERIMENTATION IN CHEMISTRY I**  
*A. Eceiza, K. de la Caba, M.A. Corcuera*

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- **NEW METHODOLOGIES FOR THE TEACHING OF MATERIALS SCIENCE FOR GEOLOGIC ENGINEERS**  
*I. Sanchez*

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- **PEACE BY PIECE: TAKING THE FEAR OUT OF MUSIC COMPOSITION**  
*M. Hauptert*

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- **POSSIBILITIES FOR ENHANCING STUDENT FEEDBACK USING AN ONLINE ASSIGNMENT SYSTEM**  
*T. Bryant, P. Gibbs, M. Chivers, P. Silvester, G. Jones, A. Furr*

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- **PROBLEM BASED LEARNING AND INFORMATION AND COMMUNICATION TECHNOLOGIES**  
*M.D. Benítez Márquez, M.E. Cruces Pastor, J. Haro García, M.D. Sarrión*

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- **SELF- VS. PEER-EDITING: ONE STEP FORWARD FROM ASSESSMENT TO BUILDING EFL STUDENTS' COMMUNICATIVE WRITING**  
*F. Behjat*

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- **SELF-ACCESS: IMPLEMENTING AN "INNOVATIVE" MODE OF LEARNING FROM A PANOPTICAL PERSPECTIVE**  
*L. Herrera Díaz, X. Cózar Angulo*

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- **TEACHING SCIENCE THROUGH FORENSIC CASE STUDIES**  
*S. Strickland, N. Erturk*

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- **THE DEBATE AS A SUCCESSFUL LEARNING TOOL**  
*M. González, I. Gonzalez, M. Bermejo*

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- **THE ENVIRONMENTALLY SUSTAINABLE RENOVATION OF SCHOOL BUILDINGS: THE MILAN SETTING - OBJECTIVES, RESEARCH METHODOLOGY AND DEVELOPMENT**  
*A. Meda*

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- **THE USE OF CREATIVE DRAMA IN SPEAKING LESSONS**  
*H. Bozna*

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- **THE ZONE OF PROXIMAL DEVELOPMENT WHEN LEARNING THE LU DESCOMPOSITION METHOD AS AN ACTIVITY IN THE CLASSROOM**  
*A. Aguilar, R. Ramos, F. León, O. García*

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- **USING EXPERIENTIAL PEDAGOGY IN PRACTICE- BASED LEARNING AT A DISTANCE**  
*E. De Geest, J. Mason, B. Allen*

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- **VISUAL REPRESENTATION OF THE LINKS BETWEEN PEDAGOGY, SPACE AND TECHNOLOGY IN THE SENIOR LEVELS OF SCHOOL AND UNIVERSITY CONTEXTS. PEDAGOGY-SPACE-MAPS**  
*A. Sala-Oviedo, K. Fisher, E. Marshall*

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## ORAL SESSIONS TUESDAY MORNING

### Curriculum Design and Development

**Session chair: Louise Harvey. Griffith University (AUSTRALIA)**

*Tuesday, 6th of July*

*Room: Güell*

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08:00 THE ROLE OF UNIVERSITIES' EDUCATIONAL PROGRAMS ON NURTURING STUDENTS' ENTREPRENEURIAL SPECIFICATIONS

*D. kiakojori, M. Sadoughi, S. Moosavi Dolatabadi*

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08:15 REVERSE ENGINEERING THE INDUSTRIAL AND SYSTEMS ENGINEERING CURRICULUM AT QATAR UNIVERSITY: DESIGN, IMPLEMENTATION AND INTEGRATION OF NEW CURRICULUM COMPONENTS

*F. Musharavati, A. Hamouda*

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08:30 THE CONSTRUCTION OF A CROSS-CULTURAL MANAGEMENT COURSE FOR UNDERGRADUATES, EXECUTIVES, AND MANAGERS

*S.E. Morey*

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08:45 SCIENTIFIC LITERACY; ADVOCACY FOR SCIENCE TECHNOLOGY AND SOCIETY EDUCATION (STSEE) IN NIGERIAN POLYTECHNICS

*O. George*

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09:00 DESIGN OF THE MSC TRANSPORT INFRASTRUCTURE AND LOGISTICS AT DELFT UNIVERSITY OF TECHNOLOGY

*M. Ludema*

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09:15 DESIGNING EFFICIENCY: THE BENEFITS OF PRE-VISUALISATION IN FILM AND ANIMATION TEACHING PROGRAMS

*L. Harvey*

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09:30 LIFELONG LEARNING AND WORKFORCE DEVELOPMENT DESIGN - TOWARDS A NEW GENERATION OF EDUCATIONAL PLANNING TOOLS

*G. Dafoulas, B. Barn, G. Abeysinghe, Y. Zheng*

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09:45 LEARNING SYSTEMS ENGINEERING BY ROLE PLAYING

*M. Ludema*

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## **Pedagogical Innovations. New Learning/Teaching Models and Methodologies**

**Session chair: Angela Fösel. FAU Erlangen-Nuremberg (GERMANY)**

*Tuesday, 6th of July*

*Room: Batlló*

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08:00 **THE INTEGRATION OF THE NATIONAL OCCUPATIONAL SKILLS STANDARDS (NOSS) AND THE NATIONAL DUAL TRAINING SYSTEM (NDTS) IN MALAYSIA**

*J. Md. Yunos, G. Spottl, C. L. Pang, M. R. Navi Bax*

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08:15 **THE USE OF NEW TECHNOLOGIES IN GREEK SCHOOLS: TEACHERS' PERSPECTIVES CONCERNING NEW TECHNOLOGIES AND THE SCHOOL PRINCIPAL'S ROLE AS A TECHNOLOGY LEADER**

*A. Lazaridou, N. Dimou, N. Korkakaki, E. Nousia*

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08:30 **FOSTERING THE ENTREPRENEURIAL SPIRIT IN APPRENTICESHIP EDUCATION:DEVELOPING START-UP POTENTIAL OF APPRENTICES IN CRAFT AND MICRO-ENTERPRISES**

*R. English, K. Collins, D. Keys*

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08:45 **TRAINING PROGRAMMES TO E-LEARNING ADVISORS AT UNIVERSIDAD POPULAR AUTONOMA DEL ESTADO DE PUEBLA**

*P. Castro Rodríguez*

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09:00 **COLOR WHEELZ: A MOBILE LABORATORY FOR COLOR EXPLORATION**

*J. Valleria*

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09:15 **A COMPUTER SCIENCE WORLDVIEW - A PROPOSAL FOR THE MEXICAN HIGHSCHOOL CURRICULA**

*S. Rajsbaum, E. Bribiesca, J. Galaviz, F. Solsona*

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09:30 **FUN AND JOY WITH RESEARCHING AND RUMINATING – THE ERLANGEN STUDENT RESEARCH CENTRE ('ERLANGER SCHÜLERFORSCHUNGSZENTRUM ESFZ') FOR BAVARIA**

*G. Anton, M. Christl, J. Durst, A. Fösel, I. Schreiner*

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09:45 **OPEN SOURCE SOFTWARE PROJECTS AS OPPORTUNITIES FOR STUDENT LEARNING AND VALUE CREATION**

*S. Muegge, M. Weiss*

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

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

*Tuesday, 6th of July*

*Room: Barcelona*

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**08:00 EXAMINING THE NATURE OF VIRTUAL EDUCATION AND THE "MODERN" CLASSROOM**

*A. Black, W. Wilson*

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**08:15 THE EVOLUTION OF THE PROJECT FORTUTOR LOMBARDIA. ANALYSIS AND PERSPECTIVES**

*A. Barbieri, P.M. Ferri*

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**08:30 MAX THE APPLE: A MULTIMODAL RESEARCH PROJECT**

*P. Moyes*

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**08:45 TOWARDS RESEARCH BASED ONLINE COLLABORATIVE LEARNING**

*U.M. Valleala, M. Arvaja, R. Hämäläinen*

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**09:00 PLENADIS : A COLLABORATIVE WORK PLATFORM FOR HIGHER EDUCATION**

*Y. Parchemal, G.L. Baron*

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**09:15 RECORDED LECTURES FOR INTERNATIONAL CURRICULUM EXCHANGE IN WATER MANAGEMENT**

*P.J. de Moel, E.L. de Moel, W.F. van Valkenburg, J. Verberk*

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**09:30 SECOND LIFE: THE NEXT VIRTUAL LABORATORY?**

*S. Wilson, S. Coles*

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**09:45 WRITING STORYBOARD FOR DEVELOPING E-LEARNING TUTORIAL**

*H. Rante*

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**Educational Software & Serious Games (1)****Session chair: Hugo Ribeiro. University of Porto (PORTUGAL)***Tuesday, 6th of July**Room: Tibidabo*

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08:00 **ENHANCING ATTRACTIVENESS OF EDUCATIONAL GAMES BY INVOLVING END USERS IN THE DESIGN PROCESS – A CASE STUDY**

*M. Manschot*

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08:15 **TEACHING CONSTRUCTION MANAGEMENT THROUGH SIMULATION GAMES: IMPROVING THE LEARNING EXPERIENCE**

*G. Long, M. Mawdesley*

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08:30 **THE COMPUTER IN NURSERY SCHOOLS WITH THE INF@ 0.1 SOFTWARE. AN ACTION-RESEARCH EXPERIENCE**

*F.A. Costabile, A. Serpe*

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08:45 **VIDEO ANALYSIS IN SCIENCE AND ENGINEERING EDUCATION**

*M. Milner-Bolotin, T. Antimirova*

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09:00 **MULTIMEDIA EDUCATIONAL CONTENTS TO ENHANCE KNOWLEDGE**

*T. Correia, H. Ribeiro*

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09:15 **HUSTLING HEALTH CARE: AN EXPERIMENT IN ULTERIOR EDUCATION THROUGH GAMEPLAY**

*C. Ewing*

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09:30 **ENHANCING VISITORS' EXPERIENCE – A SERIOUS GAME FOR A MUSEUM ENVIRONMENT**

*U. Erb, L.M. de Araujo, A. Königshulte*

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09:45 **THE DEVELOPMENT OF A COMPUTER BASED GAME APPLICATION IN PRIMARY EDUCATION. A CASE STUDY**

*A. Kokkinaki, A. Filias*

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**Experiences in Education (1)****Session chair: Darren Hanson. National Institute of Education (SINGAPORE)***Tuesday, 6th of July**Room: Milá*

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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*

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

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

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

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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*

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

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

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09:45 **CATEGORIZATION OF SCHOOLS: A SACRIFICIAL ALTAR OF ACADEMIC STANDARDS**  
*M.A. Kadenyi, P. Amburo*

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**Pedagogical Innovations & Experiences in Foreign Languages Education (1)**  
**Session chair: Anne Caillaud. Grand Valley State University (UNITED STATES)**

*Tuesday, 6th of July*

*Room: Montjuic*

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8:15    **LEXICAL COHESION IN TURKISH AND IN ENGLISH**  
*H. Kafes, PhD*

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8:30    **ITALIAN POP CULTURE: CHANGES IN TELEVISION ADVERTISING**  
*S. Casciani, L. Ferri*

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8:45    **WAYS OF INCLUDING CRITICAL THINKING SKILLS TO THE LANGUAGE CLASSROOM**  
*E. Cilli, D. Sabrier*

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9:00    **FILMING FLUENCY IN A FOREIGN LANGUAGE: A PEDAGOGICAL ANALYSIS**  
*A. Pandey*

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9:15    **BLUEPRINTS TO A SUCCESSFUL LANGUAGE RESOURCE CENTER: FROM CONCEPTION TO IMPLEMENTATION AND MANAGEMENT**  
*A. Caillaud*

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9:30    **CRITICAL THINKING THROUGH BLENDED LSP COURSE: TRANSFERRING SKILLS AND DISCIPLINES TO LINK EDUCATION AND RESEARCH**  
*A. Atabekova*

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9:45    **DISTANCE EDUCATION AND ONLINE CURRICULUM DESIGN AT THE VIRTUAL UNIVERSITY OF TUNIS**  
*H. Bouslama*

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## **Educational Trends and Best Practice Contributions (1)**

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

*Tuesday, 6th of July*

*Room: Güell*

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**10:30 THE PLACE OF VIRTUAL, PEDAGOGIC AND PHYSICAL SPACE IN THE C21ST CLASSROOM**

*S. Harris*

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**10:45 EMBEDDING RESEARCH AND INNOVATION INTO EVERYDAY SCHOOL PRACTICE: THE SCIL STORY**

*S. Harris*

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**11:00 POSTGRADUATE SUPERVISION IN THE DIGITAL AGE**

*R. Gruneau*

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**11:15 DELIVERING EDUCATION THROUGH TAUGHT AND BLENDED LEARNING: MEETING THE NEEDS OF INDIVIDUALS**

*T. Coney*

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**11:30 NEW MODEL OF PRACTICAL FORMATION IN BACHELOR (BA) STUDIES AT THE UNIVERSITY OF DEBRECEN IN ACCORDANCE WITH BOLOGNA PROCESS**

*Z. Bács, A. Nagy, É. Bácsné Bába, T. Dékán*

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**11:45 NEW TRAINING SYSTEM OF TOURISTIC EXPERTS IN HUNGARY**

*A. Nábrádi, A. Nagy, K. Pető, T. Pupos*

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**E-content Management and Development (1)****Session chair: Peter de Moel. Delft University of Technology (NETHERLANDS)***Tuesday, 6th of July**Room: Batlló*

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**10:30 AUTHENTIC LEARNING INNOVATION IN AN ONLINE MUSIC COURSE***P. Henry*

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**10:45 NAVIGATION AND SEARCHING IN RECORDED LECTURES***E.L. de Moel, D. Hiemstra, P.J. de Moel, J. Verberk*

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**11:00 ELAB PLATFORM - VIRTUAL ENVIRONMENT TO A REAL LABORATORY***R. Neto*

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**11:15 EDUCATIONAL DIGITAL LIBRARIES: FROM CONTENT SUPPLIERS TO LEARNING EXPERIENCES PROVIDERS***J. Calzada-Prado, M. A. Marzal, M.J. Colmenero, A. Cuevas-Cerveró*

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**11:30 TEACHING EXPERIMENT IN AUDIOVISUAL COMMUNICATION USING THE E-PORTFOLIO***E. Sáez Soro, F.J. Gómez Tarín*

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**11:45 A STUDY OF BLOG USER ACCEPTANCE – USING CHANGHUA COUNTY PUBLIC SCHOOL TEACHERS AS AN EXAMPLE***S. Lee, W. Su, Y. You, N. Gu*

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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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**10:30 E-LEARNING STRATEGIES FOR FACILITATING A COMMUNITY OF INQUIRY**

*B. Kappes*

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**10:45 ROLE OF THE E-LEARNING PLATFORM IN THE INTEGRATED SYSTEM OF THE MANAGEMENT OF THE UNIVERSITY**

*P. Lenkiewicz, A. Drabik, R. Kotowski*

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**11:00 BUILDING ONLINE COMMUNITIES AND FACILITATING STUDENT DISCUSSIONS IN ONLINE COURSES**

*R. Bordelon*

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**11:15 B-LEARNING A FASHION?**

*C. Ferreira, R. Aragão Pinto*

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**11:30 BLOGS AND WIKIS: ENHANCING UNDERGRADUATE COMMUNICATION AND CRITICAL ABILITY IN AN E-LEARNING CONTEXT**

*O. Murphy*

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**11:45 INFORMATION LITERACY: A STEP TOWARDS MOVING COLLEGE STUDENTS TO THE E- LEARNING ENVIRONMENT**

*Z. Shanaa, A. Dabbagh*

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**Educational Software & Serious Games (2)****Session chair: Ruth Wood. Kingston University (UNITED KINGDOM)***Tuesday, 6th of July**Room: Tibidabo*

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10:30 **CREATIVITY AND SOCIAL SKILLS WITH ONLINE COMPUTER GAMES IN EDUCATION AT THE FACULTY SAGP (SOCIAL WORK, HEALTH AND CARE), UNIVERSITY OF APPLIED SCIENCES, ESSLINGEN**  
*U. Wendt*

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10:45 **USING THE SYSTEM DYNAMICS PARADIGM IN TEACHING AND LEARNING TECHNOLOGICAL UNIVERSITY SUBJETS**  
*J.M. González de Durana, O. Barambones, E. Kremers, P. Viejo*

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11:00 **INTELLIGENT EXPLORATION SYSTEM - AN APPROACH FOR USER-CENTERED EXPLORATORY LEARNING**  
*K. Nazemi, M. Breyer, C. Stab, D. Burkhardt, D.W. Fellner*

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11:15 **SUPPORTING E-LEARNING SOFTWARE IN A COMPUTER LABORATORY SITUATION**  
*M. Moriarty*

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11:30 **AN EXAMINATION OF CHILDREN'S EXPERIENCES OF MULTIMEDIA TEXT WITHIN THE SCHOOL AND THE HOME: IMPLICATIONS FOR PEDAGOGY**  
*R. Wood*

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11:45 **APPLICATION OF MICROBLOGGING TOOLS IN MASS HIGHER EDUCATION**  
*Y. Gaedke, S. Mulas, A. Perl, S. Siegel, O. Tacke*

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## Experiences in Education (2)

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

*Tuesday, 6th of July*

*Room: Milá*

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10:30 THE DESIGN AND IMPLEMENTATION OF AN IN-APPLICATION AUTOMATED TESTING AND EVALUATION SYSTEM FOR COMPUTER LITERACY SKILLS BASED ON THE EUROPEAN & INTERNATIONAL COMPUTER DRIVING LICENCE (ECDL/ICDL)

*P. Masouras, S. Avgousti*

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10:45 PARENTS IN THE WORKPLACE: THE NEED TO EDUCATE ORGANIZATIONS ON HOW TO ASSIST PARENTS WITH WORK/FAMILY BALANCE

*A. McCampbell, B. Lord, M. Ebert*

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11:00 TWO YEARS' INVESTIGATION INTO THE SELF-EFFICACY OF STUDENTS TAKING FINANCIAL AND MANAGEMENT ACCOUNTING COURSE IN UNDERGRADUATE MANAGEMENT DEGREE PROGRAMMES

*J. Gao, S. Verma, A. Ward, K. Haynes*

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11:15 LEARNING TO TEACH PRACTICAL SKILLS IN AN ONLINE COURSE

*G. Kidman*

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11:30 ON THE USE OF ATTITUDINAL ACTIVITIES IN ECTS EXPERIENCES TO FOSTER STUDENT ENGAGEMENT IN THE COURSE: A CASE STUDY IN PROGRAMMING SUBJECTS

*C. Cotta*

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11:45 AN ECOSYSTEMS APPROACH TO A CROSS-DISCIPLINARY EDUCATION

*R. Strazdina, M. Kirikova, U. Sukovskis, Z. Zitmanis, J. Grevins*

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**Pedagogical Innovations & Experiences in Foreign Languages Education (2)****Session chair: Antonio Bota. UAlg - University of Algarve - Faro (PORTUGAL)***Tuesday, 6th of July**Room: Montjuic*

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10:30 **THE INCREDIBLE WEB 2.0 VOCABULARY MACHINE: A SYSTEM FOR TEACHING VOCABULARY QUICKLY AND PAINLESSLY USING MNEMONIC PRINCIPLES AND WEB 2.0 TOOLS**

*S. Roney, J. Allan*

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10:45 **INVESTIGATING ORAL PRESENTATION SKILLS AND NON-VERBAL COMMUNICATION TECHNIQUES IN UAE CLASSROOMS**

*S. Sabbagh Bissat*

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11:00 **THE NET-GENERATION: ADAPTING CURRICULUM TO PROMOTE ACADEMIC ENGLISH**

*A. Bota*

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11:15 **PEDAGOGICAL INNOVATIONS IN LANGUAGE TEACHING METHODOLOGIES**

*M. Alemi, P. Daftarifard*

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11:30 **SCAFFOLDING L2 READING COMPREHENSION AND RECALL THROUGH CONCEPT MAPS ACCOMPANYING TEXTS**

*Z. Tajeddin, S. Tabatabaei, M. Alemi*

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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*

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

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

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

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

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

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13:30 **A MODERN APPROACH TO ANCIENT LANGUAGES**  
*A. Ferreira*

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**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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**12:15 MEDIA AND THE MOVING IMAGE: CREATING THOSE WHO THRIVE IN A MEDIATED WORLD***P. Chilsen, C. Wells*

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**12:30 THE ROLE OF EPORTFOLIOS IN HIGHER EDUCATION – THEIR PERCEIVED VALUE AND POTENTIAL TO ASSIST UNDERGRADUATE COMPUTING STUDENTS***W. Beresford, D. Cobham*

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**12:45 WITNESSES TO THEIR OWN PROGRESS: REFLECTIVE LEARNING IN COURSE-SPECIFIC EPORTFOLIOS***J. Getman-Eraso*

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**13:00 A TECHNOLOGY FOR FLEXIBLE LEARNING PROVISION AT THE INSTITUTES OF TECHNOLOGY, IRELAND***B. Cleary, C. Connolly, M. Glynn, R. Thorn, E. Murphy*

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**13:15 IMPACT ASSESSMENT OF STRUCTURE AND KNOWLEDGE CREATION ON ORGANIZATIONAL PERFORMANCE: AN EMPIRICAL EVIDENCE IN THE TRANSFORMATION SECTOR***M.J. Rivero, T.L. De la Torre, A. Chávez, G. De la Vega*

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**13:30 E-THERAPY-LEARNING***J.M. Monguet, B. Blanco, E. Huerta, E. Castelán, M. Sampieri, M. Ferruzca, J. Fernández, H. Bascuñana*

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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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**12:15 EVALUATING E-COURSES THROUGH WEB-BASED SURVEY**

*E. Fariborzi, K. bt Abu Bakar*

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**12:30 DEVELOPMENT OF THE ADAPTATION MECHANISM FOR THE INTELLIGENT KNOWLEDGE ASSESSMENT SYSTEM BASED ON A STUDENT'S MODEL**

*R. Lukassenko, A. Anohina-Naumeca*

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**12:45 TEACHING AND LEARNING WITH TECHNOLOGY: AN ASSESSMENT OF BEST PRACTICES**

*E. Carbone*

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**13:00 FACULTY USE OF TECHNOLOGY IN THE COLLEGE CLASSROOM--WE HAVE A LONG WAY TO GO, BABY**

*K. Henrickson*

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**13:15 ONLINE WRITING ASSIGNMENT AS A DELIVERY TOOL FOR SELF-DIRECTED, REFLECTIVE LEARNING : LEARNERS' PERSPECTIVES**

*M. Mala-Maung, A. Abdullah, N. Hashim*

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**13:30 COMPUTATIONAL THINKING - AN INTRODUCTORY COURSE FOR CS STUDENTS**

*M. Beheshti, R. Alo*

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## **Educational Software & Serious Games in Mathematics & Statistics Education**

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

*Tuesday, 6th of July*

*Room: Tibidabo*

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**12:15 MATHEMATICA BASED PLATFORM FOR SELF-PACED LEARNING**

*Y. Zinder, N. Nicorovici, T. Langtry*

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**12:30 TRIVIA MATHEMATICA: A TOOL FOR HAVING FUN WITH MATHEMATICAL COMPETITIONS**

*R. Morales, P. Gallegos*

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**12:45 A CROSS-CULTURAL STUDY: ASSESSING AND IMPROVING SPATIAL THINKING OF PRE-SERVICE TEACHERS**

*V. La Ferla, S. Olkun, Z. Akkurt, V. Toptas*

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**13:00 TEACHING STATISTICS FOR COMPUTER SCIENCES WITH R: THE IMPORTANCE OF THE VISUALIZING THE VARIABILITY**

*A. Colubi, M.A. Lubiano, G. González-Rodríguez*

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**13:15 COMBINING INSTRUCTIONAL TECHNOLOGIES FOR HIGH GRADE MATH AND COMPUTER ONLINE ASSESSMENT**

*S. Ayari, A. Ayari, M. Ayari*

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**13:30 IMMERSIVE MATHEMATICS LABORATORY FOR ENGINEERING TEACHING**

*J. Ursul Solanes, E. Riestra Martínez*

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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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12:15 **CULTURALLY RESPONSIVE PEDAGOGY IN THE CULTURALLY HOMOGENOUS CLASSROOM**

*M. Funes*

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12:30 **RURAL WOMEN REDEFINE THE MEANING OF LIFESKILLS AND GIVE TO ICT A COLLECTIVE AND ETHNIC IDENTITY MEANING**

*B. Salinas, G. Huerta*

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12:45 **TRAINING OLDER WORKERS IN CYBERSPACE. A CRASH ICT TRAINING PROCESS FOR THE FINAL PHASES OF EMPLOYMENT. A SOCIOLOGICAL APPROACH**

*V. Querol*

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13:00 **EDUCATIONAL DISPARITY OF CARIBBEAN LATINAS IN NEW YORK CITY SCHOOLS**

*R. Díaz*

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13:15 **WOMEN & ACCESS TO ICT: A CASE STUDY OF INDIA**

*R. Agarwal*

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13:30 **THE RELATIONSHIP BETWEEN SELF CONCEPT AND DELINQUENT BEHAVIOUR OF SCHOOL STUDENTS: MALAYSIAN SCENARIO**

*N. Hassan, M. Azmi Mat Yusoff*

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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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12:15 EFFECTS OF INSTRUCTION IN THE USE OF COORDINATING CONJUNCTIONS

*S. Gürkan*

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12:30 IRISH LEARNERS OF GERMAN AS L3: SELF-KNOWLEDGE, LINGUISTIC AND INTERCULTURAL DEVELOPMENTS DURING THE STUDY ABROAD PERIOD

*K. Brogan, M. Ó Laoire*

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12:45 TEACHING COLLABORATIVE WRITING: AN CLASSSSROOM STUDY WITH TURKISH ENGLISH AS A FOREIGN LANGUAGE (EFL) STUDENTS

*A. Merc*

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13:00 STUDENTS' PERCEPTIONS ON THE EXTENSIVE READING PROJECT CARRIED OUT AT ANADOLU UNIVERSITY

*E.T. Yurur*

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13:15 LANGUAGE LOSS, IDENTITY, AND ENGLISH AS AN INTERNATIONAL LANGUAGE

*A. Dastgoshadeh, P. Maftoon, K. Jalilzadeh*

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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*

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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*

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

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

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

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

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

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

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16:45 **THE IMPACT OF THE NEW LEARNING TECHNOLOGIES ON TEACHING PRACTICES AT KING SAUD UNIVERSITY IN RIYADH, SAUDI ARABIA**  
*W. Al Abiky*

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**Pedagogical Innovations in Education. Learning and Teaching Methodologies**  
**Session chair: Robert Bauchmuller. Maastricht University (NETHERLANDS)**

*Tuesday, 6th of July*

*Room: Batlló*

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15:00 THE DARK SIDE OF LEARNING. EXPERIENTIAL REPORT

*Z. Pourtskhvanidze*

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15:15 UTILIZING WEBQUEST AND COLLABORATIVE LEARNING IN TEACHER PREPARATION: A SINGAPORE STUDY

*C. Yang*

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15:30 ACTION RESEARCH LEADS TO TEACHER-INITIATED CHANGES IN ICT INTEGRATION

*N. Lemelin, R. Gendron*

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15:45 VALUE ADDED BY EARLY CHILDHOOD EDUCATION: DOES THE NEW DUTCH PROGRAMME 'SPEELPLEZIER' MAKE DISADVANTAGED CHILDREN READY FOR SCHOOL?

*R. Bauchmuller*

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16:00 THE USE OF DYNAMIC AND INTERACTIVE ANIMATIONS BASED ON POE AS A PRESENTATION TOOL TO ENHANCE SIXTH GRADE STUDENTS' UNDERSTANDING OF STATIC ELECTRICITY CONCEPTS

*E. Akpınar*

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16:15 THE ROLE OF EDUCATION TECHNOLOGY IN PREPARING STUDENTS FOR ENGINEERING EDUCATION

*F. Hayati, A. Dabbagh*

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16:30 THE RELEVANCE OF DIFFERENTIATING LANGUAGE LEARNERS – A LEARNER PROFILE

*P. Rama da Silva*

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16:45 PARENTAL PARTICIPATION IN THE MANAGEMENT OF PUBLIC SECTOR EDUCATION IN PAKISTAN

*M. Ajmal*

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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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- 15:00 **ONLINE LEARNING: REFLECTIONS ON THE EFFECTIVENESS OF TWO UNDERGRADUATE TOURISM MODULES - SUSTAINABILITY AND CORPORATE SOCIAL RESPONSIBILITY**  
*G. Jennings, U. Kachel*
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- 15:15 **THE DESIGN OF VIDEO BASED E-LEARNING SYSTEM FOR TEACHING FABRIC AND TEXTILES TESTING METHODS**  
*SM. Shang*
- 
- 15:30 **CREATION OF AN ON-LINE COURSE AT THE FACULTY OF NURSING SCIENCE OF UNIVERSITY OF MONTREAL: AN EXAMPLE OF CHANGE IN PRACTICE**  
*S. Dubois, S. Harvie, F. Meyer*
- 
- 15:45 **VIRTUAL EDUCATION IN THE UNIVERSIDAD AUTONOMA DE CHIAPAS. A NEW EDUCATION MODEL FOR EXPANDING OPPORTUNITIES IN HIGH EDUCATION IN RURAL MUNICIPALITIES**  
*H.M. Jimenez, R.E. Capote Mir*
- 
- 16:00 **HOW TO CONVERT A TRADITIONAL COURSE IN PROGRAMMING INTO AN ONLINE COURSE**  
*M. Schordan, C. Kollmitzer, R. Pucher, G. Brezowar*
- 
- 16:15 **THE VIRTUAL LEARNING ENVIRONMENT - AVA AS TOOL AUXILIARY SYSTEM OF EDUCATION PRESENCIAL MEDIATED BY TECHNOLOGICAL RESOURCES IN THE STATE OF AMAZONAS**  
*E. Pereira, D.M. Gorayeb, E. Spina*
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- 16:30 **ICT COMPETENCES OF STUDENTS/TEACHERS AND STRATEGIC PLANNING OF E-LEARNING AT TBILISI STATE UNIVERSITY**  
*M. Eradze*
- 
- 16:45 **IMPROVING THE QUALITY OF LEARNING EXPERIENCE THROUGH CONTINUOUS EVALUATION AND INNOVATION**  
*M. Begum, S. Williams, R. Blanchard*
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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*

*Room: Tibidabo*

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**15:00 LEARNING MATHEMATICS WITH EXCEL**

*M. Oliveira, S. Nápoles, E. Ralha*

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**15:15 THE EOS-THEORY APPLIED TO THE TEACHING 3D-GEOMETRY COURSE BASED ON THE VECTOR ALGEBRA APPROACH**

*L. Sbitneva, R. Valdez Delgado, R. Bulajich Manfrino*

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**15:30 PROBLEM-SOLVING STRATEGIES IN THE MATHEMATICAL OLYMPIAD**

*L. Sbitneva, R. Bulajich, R. Valdez*

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**15:45 TO LEARN MATHEMATICS: MAYAN MATHEMATICS IN BASE 10**

*L.F. Magaña*

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**16:00 MATHEMATICS PRE-SERVICE TEACHERS' MATHEMATICS LANGUAGE TRAINING**

*T. Kabael*

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**16:15 COMPARISON OF STUDENT LEARNING TAUGHT IN INTRODUCTORY STATISTICS COURSES, TAUGHT IN THE CLASSROOM, ONLINE, AND IN A HYBRID FORMAT**

*L. Harvey*

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**16:30 LEARNING, MATHEMATICS AND TECHNOLOGY: THE VIEW FROM BIOLOGY**

*G. Woolcott*

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**16:45 THE USE OF CONSTRUCTIVISM IN TEACHING MATHEMATICS FOR UNDERSTANDING: A STUDY OF THE CHALLENGES THAT HINDER EFFECTIVE TEACHING OF MATHEMATICS FOR UNDERSTANDING**

*T. Amoonga*

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## General Issues in Education

**Session chair: Cynthia Kamishlian. Bentley University (UNITED STATES)**

*Tuesday, 6th of July*

*Room: Milá*

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

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

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

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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*

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

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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*

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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*

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16:45 **PERCEPTED RISK AREAS IN A FACULTY OF EDUCATION AND SUGGESTIONS ON PRECAUTIONARY ACTIONS**  
*M. Gursel, G. Ozaslan*

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**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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**15:00 E-FREN: E-LEARNING SYSTEM FOR MANAGEMENT OF EVIDENCE IN NEPHROLOGY***B. Blanco Rojas, P. Arrizabalaga, Y. Rivero, J.M. Monguet, M. Sampieri, M. Ferruzca*

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**15:15 IMPLEMENTING A HYBRID (ON-LINE + CLASSROOM) SELF-ASSESSMENT AND CAREER PLANNING WORKSHOP FOR INTERNATIONALLY EDUCATED PROFESSIONALS (IEPS) IN A LARGE URBAN TEACHING HOSPITAL***R. Wojtiuk, M. Gordon*

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**15:30 MEDICAL IMAGING ONLINE: BLENDED LEARNING TOOLS FOR TEACHING RADIOGRAPHIC ANATOMY AND PHYSIOLOGY***M. Amlani, L. Doody*

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**15:45 TEACHING ETHICAL REASONING ON-LINE: AN EXPERIENCE IN ETHICS EDUCATION FOR MEDICAL RESIDENTS***I. Durante-Montiel, O. Rivero-Serrano, G. Sánchez-Rivera*

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**16:00 EXPERIENCES IN MEDICAL IMAGING ONLINE: THE USE OF DIGITAL STORIES TO TEACH RADIOGRAPHIC PATHOLOGY***M. Amlani, L. Doody*

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**16:15 FEASIBILITY OF E-LEARNING IN ACADEMIC STAGE IN NURSING SCHOOL, UNIVERSITY OF BRAWIJAYA, INDONESIA***D. Susmarini*

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**16:30 DESIGNING E-CURRICULUM BOOKS FOR UNDERGRADUATE OCCUPATIONAL THERAPY: LESSONS LEARNT***A.P. Mthimkulu, P. Barnard-Ashton*

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**16:45 INFORMATICS LITERACY FOR HEALTHCARE WORKFORCE***S. Dey, M. Kudumovic*

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**Technology-Enhanced Learning (3)****Session chair: Anne Carroll. Simmons College (UNITED STATES)***Tuesday, 6th of July**Room: Güell*

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

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

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

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

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

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

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

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**19:15 STUDENTS' PERCEPTIONS OF THE USEFULNESS OF AN AUDIT SIMULATION: AN SOUTH AFRICAN PERSPECTIVE ON THE IMPORTANCE OF STUDENT WORK ETHIC***R. Rudman*

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**Learning Experiences in Higher and Further Education**

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

*Tuesday, 6th of July*

*Room: Batlló*

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

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

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

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

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

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

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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*

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19:15 **EDUCATION IN THE VALUE ORIENTATIONS SYSTEM OF RUSSIAN YOUTH: THE THEORETICAL AND EMPIRICAL  
RESEARCHES**  
*V. Analol'evna Gnevasheva, K. Falkovskaya*

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## **Experiences in Research**

**Session chair: Jane Pirone. Parsons The New School For Design (UNITED STATES)**

*Tuesday, 6th of July*

*Room: Barcelona*

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**17:30 DESIGNING FOR AN OPEN-SOURCE COMMUNITY: DATAMINING PARSONS**

*J. Irish, J. Pirone*

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**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*

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**18:00 PSYCHOLOGY APPLIED TO AN INTERNATIONAL HIGHER EDUCATION MODEL CENTRED ON LEARNING DIVERSITY**

*M.A. Gandarillas, G. Martínez, P. Gómez, B. Barrio, F. Martí*

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**18:15 DIGITAL LITERACY CONQUERS DIGITAL DIVIDES: A CASE STUDY OF A DEVELOPING COUNTRY**

*S. Srinivasan*

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**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*

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**18:45 USING DATA ENVELOPMENT ANALYSIS TO COMPARE THE EFFICIENCY OF HIGHER EDUCATION SYSTEMS**

*Z. Bács, A. Nagy, K. Dajnoki, R. Tóth*

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**19:00 TEACHERS USE OF COMPUTERS IN TEACHING - PORTUGUESE SITUATION**

*M. Varela, J.P. Leal*

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**19:15 A PEDAGOGICAL DEVELOPMENT MODEL ON CHEMISTRY TEACHING THROUGH COMPUTER-ASSISTED AND GUIDED INQUIRY**

*Z. Abedi Kargiban*

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## **Pedagogical Innovations and Experiences in Engineering Education**

### **Session chair: Leonard O'Sullivan. University of Limerick (IRELAND)**

*Tuesday, 6th of July*

*Room: Tibidabo*

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**17:30 FOSTERING LEARNING AND STUDENT INTERACTIVITY IN REAL WORLD ENGINEERING PROBLEMS**

*I. Carvalho*

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**17:45 LEARNING STYLES OF ERGONOMICS STUDENTS AT UNDERGRADUATE LEVEL AND IN INDUSTRY**

*A. Jackson, L. O'Sullivan*

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**18:00 PROBLEM-BASED LEARNING THROUGH E-LEARNING: QUANTIFYING AND MITIGATING CROSS-CULTURAL EFFECTS TO MAXIMISE LEARNING**

*G. Long, M. Mawdesley, D. Scott*

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**18:15 PROJECT-BASED INSTRUCTION: CREATING EXCITEMENT FOR LEARNING HOW TO DESIGN MANUFACTURING SYSTEMS**

*F. Musharavati, A.M.S. Hamouda*

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**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*

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**18:45 TEST BENCH FOR TURBOCHARGERS: AN USEFUL EXPERIMENTAL TOOL FOR TEACHING TURBOMACHINERY**

*O. Armas Vergel, J. Sanz Argent, J.R. Agudelo Santamaría*

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**19:00 NEXUS OF VOCATIONAL TRAINING AND UNDERGRADUATE ENGINEERING EDUCATION FOR SUSTAINABLE INDUSTRIAL DEVELOPMENT IN NIGERIA**

*A. Olorunfemi, M. Ashaolu*

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**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*

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**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*

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## General Issues. Education and Globalization

**Session chair: Christina Xinyan Xie. Hong Kong Polytechnic University (HONG KONG)**

*Tuesday, 6th of July*

*Room: Milá*

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17:30 MAINLAND CHINESE STUDENTS' ADAPTATION TO HONG KONG HIGHER EDUCATION

*C. Xinyan Xie*

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17:45 CONTINUING PROFESSIONAL DEVELOPMENT IN TEACHERS EDUCATION

*E. Nanu, I. Scheau*

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18:00 THE TRANSFORMATION OF THE NATURE OF KNOWLEDGE IN POST-INDUSTRIAL SOCIETY: TOWARD THE NEW PARADIGM OF EDUCATION?

*S. Kurbatov*

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18:15 A PSYCHO-PEDAGOGICAL APPROACH OF THE BOLOGNA SYSTEM - EXPECTATIONS AND LIMITS -

*I. Scheau, E. Nanu*

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18:30 THE LANGUAGE OF INSTRUCTION IN HAITI: COMPETING VISIONS OF CLASS STRUCTURES AND POWER

*J.R. Cadely*

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18:45 A STUDY ON WOVEN SILK CARPETS AND ITS EDUCATION IN TURKEY

*S. Sevi, Z. Bezirci Türktas*

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19:00 CORPORAL PUNISHMENT IN INDIAN SCHOOLS - MEETING THE CHALLENGES

*S. Lata*

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19:15 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

*S. Balkarli Can*

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19:30 EFFECTS OF INSTRUCTIONAL STRATEGIES ON ACADEMIC ACHIEVEMENT AND RETENTION

*M. Nafees, M. Maqsd Alam, M. Kamran*

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**Pedagogical Innovations & Experiences in Health Sciences Education****Session chair: Jane Clary. Mississippi State University (UNITED STATES)***Tuesday, 6th of July**Room: Montjuic*

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

*J. Clary*

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

*M. Mimica*

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18:00 **NEW TEACHING AND LEARNING TECHNOLOGIES IN HUMAN NUTRITION COURSE**

*I. Ferreira, M. Amaral*

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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*

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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*

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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*

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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*

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19:15 **NURSING STUDENTS' EVALUATION OF PROBLEM-BASED LEARNING**

*H.B. Yuan, M. Liu, L. Yin, B. Williams, J.B. Fang, D. Pang*

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**POSTER SESSIONS TUESDAY MORNING****Poster Session1. Learning Experiences and Curriculum Design***Tuesday, 6th of July**Room: Poster Room*

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- **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*
- 
- **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*
- 
- **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*
- 
- **AN APPROACH TO ENHANCE THE LEARNING PROCESS FOR UNDERGRADUATE STUDENTS: WEB-BASED FORMATIVE ASSESSMENT TOOL**  
*M.A. Longo, M. Pazos, M.A. Sanromán*
- 
- **AN EXPERIENCE INITIATING TRAINING SCIENCE AND BIOLOGY TEACHERS FROM THE EXERCISE OF RESEARCH IN SCIENTIFIC EDUCATION**  
*D. Tomio, E. Schroeder, V.L. Silva*
- 
- **ANALYSIS OF COOPERATIVE LEARNING EXPERIENCE IN THE SUBJECT “PRINCIPLES OF PHYSICS”**  
*A. Ares, R. Bouza, B. Montero, M. Rico*
- 
- **ASSESSMENT OF THE INTEREST FOR THE RESEARCH WITH THE NEW SYLLABUS IN POSTGRADUATE EDUCATION**  
*D. Oltra-Noguera, I. Gonzalez-Alvarez, M. Bermejo*
- 
- **DESIGNING A NURSING SIMULATION LEARNING LAB TO ENHANCE THE STUDENTS EXPERIENCE**  
*W. Ouellette, J. Atinaja-Faller*
- 
- **DIFFERENCES BETWEEN INTERNATIONAL AND AMERICAN STUDENTS' CLASS PARTICIPATION IN AN AMERICAN GRADUATE CLASSROOM SETTING**  
*O. Yildirim*
- 
- **ECO-PEDAGOGY FOR INTEGRAL HEALTH: A PEDAGOGICAL PRACTICE IN THE UNIVERSITY**  
*V.L. Silva*
-

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- **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**  
*I. Gonzalez-Alvarez, C. Navarro-Fontestad, M. Gonzalez-Alvarez, M. Bermejo, V.G. Casabo*
  - **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**  
*M.C. Cela Pérez, M.M. Castro López, R. Noguerol Cal, M.S. Dopico García, A. Lasagabáster L., J.M. López Vilariño, L.F. Barral Losada, M.V. González*
  - **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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- **STRATEGIES OF CURRICULUM REALIZATION OF IT PROFESSIONALS IN THE REPUBLIC OF KAZAKHSTAN TO HARMONIZE WITH CC2001-2005**  
*I. Utepbergenov*

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  - **STUDENTS' PREFERRED TEACHING METHOD FOR BIOCHEMISTRY**  
*A. Khosrowbaki*

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  - **TAMING MOODLE : FROM THE NEED, TO THE APPROPRIATION, STEP BY STEP**  
*M.P. Bonicoli*

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  - **TEACHING AND LEARNING EXPERIENCES IN BIOPROCESS ENGINEERING**  
*M. Pazos, M.A. Longo, M.A. Sanromán*

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  - **TEACHING EARTH SCIENCES. A METHOD BASED ON EXERCISES**  
*J. Yamamoto*

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  - **THE IMPACT OF INTERNET ON LEARNING ENGLISH LANGUAGE**  
*G. Modarresi, A. Rezvan, S. Kahani*

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  - **UNIVERSITY TUTORIAL ACTION AS TOOL FOR MONITORING STUDENTS OF MECHANICAL ENGINEERING**  
*D. Garcia Sanoguera, R. Balart Gimeno, L. Sanchez Nacher, O. Fenollar Gimeno, T. Boronat Vitoria*

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  - **USING WIKI'S IN PROBLEM BASED LEARNING: E-LEARNER BEHAVIOUR AND ATTITUDE**  
*P. Barnard-Ashton*

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**POSTER SESSIONS TUESDAY AFTERNOON****Poster Session2. Experiences in Education and Research***Tuesday, 6th of July**Room: Poster Room*

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- **A NEW TOOL TO ENGINEERING PROCESS TEACHING: SCIENTIFIC RESEARCH ARTICLES**  
*M.A. Sanromán, M.A. Longo, M. Pazos*
  - **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**  
*A. García-del Valle, M. Cruz-Millán, L.G. García-del Valle, M.T. Corona-Ortega, M. Aguilar-Santelises, S. García Gómez, L. Aguilar-Santelises, G. Rojas Fernández*
  - **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**  
*A. Vargas Ojeda, D. Salas-Vargas, A. Valles-Medina, C. Castillo-Fregoso, R. Muñiz-Salazar, J. Sánchez*
  - **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*

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

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

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- **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*

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- **IMPORTANCE OF EMOTIONAL INTELLIGENCE IN THE PROFESSIONAL DEVELOPMENT OF THE CAND IN NURSING**  
*M.E. Ruiz Montalvo, I.P. Mota Flors, B.F. Fernandez, N.A. Riego Azuara, C.B. Enriquez Hernandez, E. Castellanos Contreras, N. Martinez Mendoza, F.C. Daverkow Hernandez*

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- **INSTITUTIONAL EDUCATIONAL ORIENTATION AND THE PROSPECTS OF THE COUNSELOR**  
*S. Alejo-Lopez, G.M.L. Ruiz-Aguilar, C. Cervera-Delgado, B.E. Gomez-Luna*

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- **IS THE TRAINING PROGRAM BASED ON PRECEDE-PROCEED MODEL EFFECTIVE TO INCREASE KNOWLEDGE AND SELF-EFFICACY OF THE PUBLIC HEALTH WORKER?**  
*S. Kye, J. Lee*

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- **LETTING STUDENTS HAVE A SAY IN THEIR LEARNING**  
*F. Karabulut*

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

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- **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*

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

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- **RESEARCH OF STRATEGIC MANAGEMENT METHODS. UTILIZATION FOR SUPPORT OF PROSPERITY**  
*K. Štofková*

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- **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*
- 
- **THE IMPORTANCE OF M LEARNING IN THE EDUCATIONAL ARENA**  
*K. Alsaadat*
- 
- **THE PERFORMANCE OF THE PROFESSOR IN QUESTION: THE EXPERIENCE OF THE STUDENTS OF MASTER AND DOCTORAL COURSES IN THE AREA OF THE HEALTH (PRESENIAL 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. Bljoun*
-

**VIRTUAL SESSIONS****Academic Research Projects**

- 
- **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 Búñez, M.T. Díaz Mohedo*
- 
- **DEVELOPMENT OF TRANSVERSAL SKILLS TROUGH 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**  
*R. Brito*
- 
- **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 Búñez*
-

- **RESEARCH IN DISTANCE EDUCATION IN BRAZIL AFTER THE CREATION OF UAB ( OPEN UNIVERSITY OF BRAZIL)**  
*M. Moraes, J. Rossato, J. Hermenegildo, E. Vieira*

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- **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*

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- **THE FINDINGS FROM THE RESEARCH PROJECT 'CLASS TEACHER – THE FACTOR AFFECTING HEALTH OF THE PUPILS'**  
*S. Strelec, E. Rehulka*

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

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

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

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- **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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## Computer Supported Collaborative Work

- **ACADEMIC SOCIAL NETWORK IN EHES**  
*A.L. Jorge, F.P. Porfirio*

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

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  - **PROBLEM BASED LEARNING ASSESSMENT ENHANCED THROUGH THE INTEGRATION OF TECHNOLOGY**  
*L. Ellis, E. Cummings, J. Kelder*

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- **TEACHING TECHNIQUES USING GOOGLE SITES**  
*Y. Marhuenda, M.A. Marhuenda, R. Castañer, C. Pastor*
- **THE IMPACT OF SENSE OF CLASSROOM COMMUNITY ON LEARNERS' PARTICIPATION IN SOCIAL NETWORKS**  
*B. Atici, U. Bati*
- **THE USE OF EXPERIMENTS IN MACROECONOMICS COURSES**  
*F. Perez-Sebastian*
- **VIRTUAL ENVIRONMENT WORKING AS A MEANS FOR THE COORDINATION OF SUBJECTS ARCHITECTURAL GRAPHIC EXPRESSION. JOINT DEVELOPMENT COURSE THROUGH THE VIRTUAL CLASSROOM**  
*M. Cabeza, B. Sáez, M.J. Mañez, A. Soler*

## Curriculum Design and Development

- **A COMPARATIVE STUDY ON MATHEMATICS CURRICULA OF TURKEY, BELGIUM (FLEMISH) AND SINGAPORE**  
*A.E. Özkan, M. Demirel*
- **A SELECTIVE UNDERGRADUATE RESEARCH PREPARATION DEGREE PROGRAM FOR MATHEMATICS STUDENTS**  
*D. Mallet*
- **DEVELOPMENT AND IMPLEMENTATION OF APPLICATION-BASED EXERCISES FOR THE MATHEMATICS EDUCATION OF ENGINEERS**  
*M. Plaue, M. Scherfner*
- **ENHANCING CULTURAL AWARENESS IN A FOREIGN LANGUAGE CLASSROOM**  
*E. Mounts, L. Smirnova*
- **FOUR DECADES OF TEACHING RUSSIAN LANGUAGE IN NIGERIA; SETBACKS AND PROSPECTS**  
*C.J. Chukwube*
- **GAP IN ILI MATERIALS COURSE BOOKS FROM LEARNERS CRITICAL PROSPECTIVE**  
*S. Amya*
- **KNOWLEDGE MANAGEMENT IN COURSE CONTENT DEVELOPMENT AND TEACHING**  
*S. Cakula, K. Osis*

- **MAKING TIME TO EXERCISE: AN ANALYSIS OF THE IMPACT OF MOTIVATION AND ELECTIVE HIGH SCHOOL PHYSICAL EDUCATION ON ADOLESCENT PHYSICAL ACTIVITY LEVEL**  
*S. Trites, F. Elgar*
- **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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## **E-content Management and Development**

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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**  
*P. Ahmadi, M. Safari Kahreh, E. Rahbar Kelishomi, A. Ebrahimi Baloutbازه, Z. Safari Kahreh*
  - **INTERCULTURAL E-PORTFOLIO**  
*B. Mangada, G. Sanz Espinar*
  - **KNOWLEDGE MANAGEMENT ACTIVITIES IN SWEDISH AND ROMANIAN ORGANIZATIONAL ENVIRONMENTS: A COMPARATIVE ANALYSIS**  
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- **ASSESSMENT AND ANALYSIS OF THE NEW MODEL OF TEACHING AND LEARNING ACCORDING TO THE GUIDELINES OF THE EUROPEAN HIGHER EDUCATION AREA FROM THE PERSPECTIVE OF THE STUDENTS**  
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  - **ASSESSMENT OF WORKLOAD AND SATISFACTION IN A TEACHING COMPETENCE-BASED EXPERIENCE WITH E-PORTFOLIO IN PHYSICAL THERAPY COURSE**  
*S. Hernández-Sánchez, J.V. Toledo-Marhuenda, E.J. Poveda-Pagán, C. Lozano*
  - **COMPARATIVE ANALYSIS OF DIFFERENT GRADES IN DESIGN IMPLEMENTED UNDER THE EUROPEAN HIGH EDUCATION AREA**  
*J. Gual Ortí, F. Felip Miralles*
  - **COMPARISON OF PERCEPTION OF COMPETENCE ACQUIRED-TAUGHT BY STUDENTS-TEACHERS IN THE CLINICAL PRACTICE OF PHYSICAL THERAPY DEGREE AT THE UNIVERSITY MIGUEL HERNANDEZ**  
*J.V. Toledo-Marhuenda, S. Hernández-Sánchez, E.J. Poveda-Pagán, C. Lozano-Quijada*
  - **CONSTRUCTING AN ONLINE TEACHING IDENTITY FOR FOREIGN LANGUAGE LEARNING**  
*M.C. Arau Ribeiro*
  - **EMPLOYABILITY AND THE BOLOGNA PROCESS**  
*M. Saraiva, T. Nogueiro*
  - **ENGLISH AS A CROSS SKILL. THE CASE OF STUDENTS OF BUSINESS MANAGEMENT**  
*F. Castilla Polo, A. Moreno Aguayo, M. Cámara de la Fuente, E. Chamorro Rufián*
  - **ENLIGHTENING THERMODYNAMIC CONCEPTS IN THE LAB VIA HARDWARE AND SOFTWARE: THE CASE OF A HEAT PUMP CYCLE**  
*R. Nieto Carlier, J. Rodríguez Martín, Á. Jiménez Álvaro, I. López Paniagua, F. Herrero Acebes, J.L. Rapún Jiménez, C. González Fernández*
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- **HIGHER EDUCATION DECENTRALIZATION AND NATIONAL CONVERGENCE: ARE THEY COMPATIBLE? THE CASE OF SPAIN**  
*V. Galan-Muros, S. Del Barrio-García, T. Luque-Martínez*

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- **HOW TO IMPROVE STUDENT'S MOTIVATION. METHODOLOGICAL STRATEGIES IN THE CLASSROOM**  
*R. Perelló, C. Sentieri, J.D. Segrelles, J. Santonja, A. Guerrero, F. Estellés*

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- **KEYS TO THE FUTURE FOR QUALITY IN EUROPEAN UNIVERSITIES**  
*A. Cancela Carral, A. Sanchez Bermudez, R. Gandón Chapela*

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- **OPTIMIZATION OF LEARNING IN HIGHER EDUCATION: FROM CONTENTS TO SKILLS**  
*S. Calvet, M. Cambra-López, F. Estellés, A.G. Torres*

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- **ORGANIZATION OF THE FIRST YEAR OF THE NEW OFFICIAL UNDERGRADUATE DEGREE IN NATURAL ENVIRONMENTAL ENGINEERING (UPM)**  
*J.E. Saa, S. Pérez, V. Gómez, A. Monsó, E. Manrique, A. Gastón, J. Martínez, C. Molleda, G. Dorado, T. Montoro, G. Martín, C. López, C. Soldevilla, C. Pérez, A. Martínez, A. Vívar, M. Génova, E. Sadornil, P. Galán, A. Castellanos, A. San José, J.M. Rodríguez*

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- **POTENTIAL OF E-PORTFOLIOS IN A BLENDED-LEARNING ENVIRONMENT**  
*A. Carrasco*

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- **TEACHER TRAINING IN ICT AND THE INTRODUCTION OF NEW DEGREES IN THE EUROPEAN HIGHER EDUCATION AREA**  
*I. Larrea, J.R. Vitoria, N. Ipiña*

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- **THE APPLICATION OF THE EUROPEAN HIGHER EDUCATION AREA IN SPAIN'S UNIVERSITIES: A FEW CHALLENGES**  
*J. Parreño, I. Fernandez, N. García, A. Gomez*

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- **THE COMPETENCIES IN EUROPEAN HIGHER EDUCATION: ITS IMPORTANCE AND DEVELOPMENT IN STUDENTS STUDENTS OF TEACHER TRAINING IN THEIR FIRST COURSE**  
*P. Alonso Martín, M.R. Cruz Díaz*

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- **THE ECTS METHODOLOGY: DIFFERENT RESULTS OF APPLICATION**  
*M.J. Ruiz-Ortega, P.M. García-Villaverde, F.J. Ramírez-Fernández*

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- **TUNING FOR ON-GOING ASSESSMENT: STUDENT PROJECTS FOR THE EUROPEAN LANGUAGE PORTFOLIO**  
*M.C. Arau Ribeiro*

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- **UNIFIED AND CROSS-CURRICULAR LEARNING OF DIGITAL CODING TECHNOLOGIES**  
*J. Leiva-Murillo*

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- **WILLINGNESS TOWARDS CONTINUOUS ASSESSMENT**  
*R. Ruiz, J.L. Nicolau*
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## **Experiences in Education**

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- **A CONTRIBUTION TO DEFINING AND DETERMINING SOFTWARE QUALITY**  
*A. Puric, M. Milic, I. Antovic, V. Stanojevic, D. Savic*
  - **CHALLENGES OF IRANIAN QUALITY ASSURANCE MANAGERS FOR HUMAN RESOURCES DEVELOPMENT**  
*P. Haghpanah, N. Barkhordari*
  - **DENTAL EDUCATION IN DAMASCUS UNIVERSITY: A CRITICAL ANALYSIS AND A SUGGESTED ROAD MAP FOR ACCREDITATION**  
*M. Dashash, M. Youssef*
  - **DEVELOPING SKILLS FOR ADULT PERSONS**  
*M.E. Samoila*
  - **DEVELOPMENT OF DIFFERENT ACTIVE METHODOLOGIES TO IMPROVE THE LEARNING OF ANIMAL PHYSIOLOGY: AN EXPERIENCE IN A CHRONOBIOLOGY COURSE**  
*E. Isorna, M.J. Delgado, A.I. Valenciano, A.L. Alonso-Gómez, N. De Pedro*
  - **EXPERIENCES IN EDUCATION AT THE LAW FACULTY: WORKPLACE TRAINING**  
*J.M. Martín Osante*
  - **FOCUSING ON ENGLISH LANGUAGE SKILLS FOR INTERNATIONAL PROJECT MANAGEMENT**  
*F. Tabuenca Cuevas*
  - **LEARNING BY DOING: A USER CENTERED APPROACH TO SIGNAGE DESIGN. MILANO BICOCCA A CASE STUDY**  
*L. Bollini*
  - **MICROTRAINING FOR WORKPLACE-RELATED LEARNING**  
*A.C. Thelen, S.D. Herr, F. Hees, S. Jeschke*
  - **MODERNISATION OF HIGHER EDUCATION BY OPEN EDUCATIONAL INNOVATION AND INCUBATION**  
*C.A. van Dorp*
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- **MSC IN CONSTRUCTION, AN OFFER OF GRADUATE PROFESSIONALIZING IN LA UNIVERSIDAD VERACRUZANA**  
*A. Petrikowski, G. Capetillo, A. Montejo, A. Flores*

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- **PARENTS' PERCEPTION ON DE LA SALLE UNIVERSITY-DASMARIÑAS SERVICES**  
*C. Antig*

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- **PRESERVICE TEACHERS' TECHNOLOGY EXPERIENCES IN URBAN-BASED PROFESSIONAL DEVELOPMENT SCHOOLS: AN ECOLOGICAL PERSPECTIVE**  
*C. Ikpeze*

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- **TEACHERS TRAINING IN HIGHER EDUCATION: A NEW APPROACH**  
*J.A. Lencastre, A. Monteiro*

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- **THE ROLES OF SCHOOL AND MASS MEDIA IN MEDICAL VOCATION**  
*M. González-Andrades, I. Garzón, A. Campos-Sánchez, C. Martínez, M. Lobo, M. Alaminos*

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- **THE UNIVERSITY PROGRAMMES FOR ELDERLY PEOPLE AS DRIVERS OF APPROACH TO INFORMATION AND COMMUNICATION TECHNOLOGY**  
*S. Morales Calvo, J. L. Aguilera*

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- **THE VALUE-ORIENTATION CHARACTERISTICS OF LITHUANIAN ACADEMIC YOUTH'S LIFE STYLE: THE CONTEXT OF PROFESSIONAL ACTIVITIES**  
*L. Bobrova*

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## **Experiences in Education. Educational Management**

- **APPLICATION OF KNOWLEDGE MANAGEMENT STRATEGIES IN THE OPERATIONAL MANAGEMENT OF ACADEMIC LIBRARIES**  
*A. Oulanov*

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- **MOTIVATIONS BEHIND INTERNATIONALISATION IN HIGHER EDUCATION: A SUGGESTED MODEL OF INTERNATIONAL STRATEGY DESIGN**  
*R. Ayoubi*

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- **SOME ASPECTS OF HIGHER EDUCATION IN THE BATUMI STATE UNIVERSITY**  
*O. Gogolishvili, L. Kalandadze, N. Rokva, M. Kirchkheli*

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- **THE ANALYSIS OF STAKEHOLDERS' BEHAVIOUR ON THE HELPDESK FOR CENTRAL REGISTER OF THESES**  
*J. Skalka, M. Drlik, M. Munk, J. Grman, L. Vozar*

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- **THE IMPORTANCE OF MANAGEMENT IN PUBLIC HIGHER EDUCATION INSTITUTIONS IN SPAIN**  
*V. Galan-Muros, T. Luque-Martínez, S. Del Barrio-García*
  - **THE NEED OF ETHICS WITHIN THE MANAGEMENT OF AN UNIVERSITY**  
*I. Dinescu, I.M. Dinescu*
  - **THE WINNERS FROM INTERNATIONALISATION: A COMPARATIVE ANALYSIS OF FOUR UK UNIVERSITIES**  
*R. Ayoubi*
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## Experiences in Research

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- **"THE OBSERVER FACILITATOR" : EXPERIENCING THE ROLE OF OBSERVER WHILE FACILITATING A RESEARCH PROJECT**  
*Y. Yusof*
  - **A MIXED MODEL ANALYSIS OF VARIANCE STUDY ON LANGUAGE ACQUISITION BETWEEN LANGUAGE COURSES WITH AN ON-LINE COMMUNICATIVE COMPONENT AND TRADITIONAL LANGUAGE COURSES**  
*C. Miranda-Aldaco, I. Moreno-López*
  - **A SOCIAL CONSTRUCTIVIST APPROACH TO ACADEMIC MATERIALS DEVELOPMENT**  
*M.S. Abtahi*
  - **CHEMISTRY IN CULTURAL HERITAGE AND CULTURAL HERITAGE IN CHEMISTRY. RESEARCH AND EDUCATION. PAINTER AND SCULPTOR: ALONSO CANO'S PROJECTS**  
*L. Rodríguez-Simón, N. Navas, E. Manzano*
  - **COMBINING TEACHING AND RESEARCH IN AN INTERACTIVE ENVIRONMENT**  
*R.M. Pérez-Clemente, A. Gómez-Cadenas*
  - **DEVELOPING AN INSTRUMENT TO ASSESS STUDENTS' STRATEGIC BEHAVIOUR DURING PROBLEM SOLVING**  
*I. Dermitzaki*
  - **E-LEARNING IN THE SUBJECT SIMULATION AND OPTIMIZATION OF CHEMICAL PROCESSES**  
*A. García-Rubio, J.M. Paz-García, C. Gómez-Lahoz, C. Vereda-Alonso, F. García-Herruzo, J.M. Rodríguez-Maroto*
  - **EVALUATING ENGLISH TEXTBOOKS**  
*M.S. Abtahi*
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- **EVOLUTION OF THE RESULTS IN THE EDUCATIONAL INNOVATION PERFORMED IN THE SUBJECT SIMULATION AND OPTIMIZATION OF CHEMICAL PROCESSES FROM THE ACADEMIC YEAR 2008-09 TO 2009-10**  
*A. García-Rubio, J.M. Paz-García, C. Gómez-Lahoz, C. Vereda-Alonso, F. García-Herruz, J.M. Rodríguez-Maroto*
  - **EXPLORING SUCCESS FACTORS IN TECHNOLOGY TRANSFER. THE CASE OF A UNIVERSITY RESEARCH GROUP.**  
*J. Roca, P. Marquès, A. Bikfalvi, J. Freixenet, R. Martí*
  - **FINAL PROJECT FULFILMENT AS AN STARTING POINT IN RESEARCHERS TRAINING**  
*M.A. Auger*
  - **GENEALOGICAL METHOD IN EDUCATIONAL RESEARCH: STRATEGIES AND STEPS**  
*N. Sajjadih, K. Bagheri Noaparast*
  - **IMPLEMENTATION OF THE SYMPOSIUM AND THE WEBQUEST TEACHING TECHNIQUES FOR THE STUDY OF BOTANY TAXONOMY SUBJECT IN TECHNICAL AGRICULTURAL ENGINEERING**  
*B. Vicedo, P. Pérez, L. Lapeña, P. García-Agustín*
  - **INNOVATIVE EDUCATIONAL RESEARCH PROJECT FOR THE HEALTH OF THE UNIVERSITY**  
*G. Capetillo, A. Barranca, C.L. Parra, A. Petrikowski, A. Montejo, M. Arroyo, C. Torres, J. Santamaría*
  - **LEARNING TO READ VIA MUSICAL INNOVATIVE TOOL INTEGRATED COMPUTER PROGRAM, INFLUENCES LEARNING AND READING READINESS AND CLOSING GAPS TOWARDS SCHOOLING**  
*Y. Carmon, SH. Even-Zohar*
  - **MUSICAL AND STYLISTIC ANALYSIS OF MAHOMET (1882): FIRST PASODOBLE OF THE HISTORY OF THE MUSIC OF MOORS AND CHRISTIANS**  
*A. Botella Nicolás*
  - **MUSICOLOGICAL ANALYSIS OF THE FIRST MOORISH MARCH IN THE HISTORY OF THE MUSIC OF MOORS AND CHRISTIANS: A BEN AMET (1907)**  
*A. Botella Nicolás*
  - **TAKING CHARGE OF THEIR LIVES: ANALYSING ONLINE STORIES OF ADULTS WITH ADHD BASED ON GROUNDED THEORY**  
*E. Miller, A. Fleischmann*
  - **THE CLASSROOM ENVIRONMENT IN MARKETING EDUCATION: A SCALE**  
*E. González Gascón, M. De Juan, N. Mendoza*
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- **THE EFFECTS OF THE SECOND-ORDER OBSERVATION ON THE MEDIATION PRACTICES IN MULTIDISCIPLINARY CONTEXTS AT THE UNDERGRADUATE LEVEL: THE CASE OF THREE ACCOMPANIED DEVICES**  
*K. Luna Chrzanowski, K. Velasco Zárate, C. Romero Salazar, M.E. Alejandro Ortiz*
- **VALUING EXPERIENCED HUMAN CAPITAL: THE OLDER WORKER. A WINNER FOR THE ECONOMY**  
*A. Hilliard*

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## **General Issues (Education & Globalization, Barriers to Learning, Student Support)**

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- **ACADEMIC ACHIEVEMENT AND PROCRASTINATION IN UNIVERSITY STUDENTS: A GENDER COMPARITIVE ANALYSIS**  
*N. Malik*
  - **ACADEMIC CYBERPLAGIARISM: A DESCRIPTIVE AND COMPARATIVE ANALYSIS OF THE PREVALENCE AMONGST THE UNDERGRADUATE STUDENTS AT TECMILENIO UNIVERSITY (MEXICO) AND BALEARIC ISLANDS UNIVERSITY (SPAIN)**  
*R. Comas Forgas, J. Sureda Negre, C. Nava, L. Serrano*
  - **ACTING AND DESIGN - ACTIVITY THEORY AND TECHNOLOGY INTERACTION**  
*T. Bieling*
  - **ATTITUDE OF SECONDARY SCHOOL TEACHERS TOWARDS NETWORK TECHNOLOGIES AND ITS USE IN CLASSROOM TEACHING**  
*M. Nagpal*
  - **ATTITUDES, OPINIONS AND BEHAVIORS OF THE COMPANY MANAGERS OF BRASOV-ROMANIA, RELATED TO THE OFFER OF THE FINANCIAL-ACCOUNTING SERVICES COMPANIES**  
*C.E. Anton*
  - **BECAUSE VISIBILITY MATTERS. USING MEDIA EDUCATION TO PROMOTE RESPECT FOR DIVERSITY IN SEXUAL ORIENTATION AT HIGH SCHOOL**  
*A. Francisco Amat*
  - **CHANGE THEORY: AN ANALYSIS OF THEORISTS VIEWS ON CULTURE, AND SOCIAL CHANGE**  
*E. Nderu Boddington*
  - **DESIGNING A FOLLOW-UP'S PERMANENT MODEL OF STUDENTS, GRADUATES (ALUMNI) AND CONTINUOUS EDUCATION, WITH APPLICATION TO THE SCHOOL OF TOURISM AT THE UNIVERSITY OF COLIMA**  
*N. Schmidt Cornejo, M. Zavala Cordero, E. Conde Perez*
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- **EFFICIENT E-LEARNING COURSE DESIGN AND MEDIA PRODUCTION**  
*C. Bremer*
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- **EMANCIPATORY AND PARTICIPATORY PRACTICES OF THE GYPSY COMMUNITY IN HUELVA. CULTURAL IDENTITY AND SOCIAL STEREOTYPES**  
*M.R. Cruz Díaz, J. Martín Jiménez*
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- **INTEGRATION OF SUSTAINABILITY IN FUTURE ARCHITECTURAL EDUCATION & PRACTICE**  
*E. Elnachar*
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- **MINORITY STUDENT ACHIEVEMENT – THE STRESSORS OF EXPECTATIONS**  
*L. Jones, I. Williams*
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- **NEW MANAGERIAL APPROACHES TO HIGHER EDUCATION IN THE GLOBAL ERA. THE CASE OF THE PROJECT-ORIENTED UNIVERSITY**  
*A. Bargaoanu, E. Negrea, L. Radu*
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- **RECRUITMENT AND RETENTION OF WOMEN IN COMPUTER SCIENCE AND INFORMATION SYSTEMS: HOW AND WHY**  
*L. MacLean*
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- **SCIENTIFIC PRODUCTION OF WOMEN UNIVERSITY TEACHERS FROM THE PATENTS STUDY REQUESTED**  
*M.J. Mosteiro García, A.M. Porto Castro*
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- **STRATEGY FORMULATION AND ANALYSIS: EVIDENCES FROM IRANIAN TELECOMMUNICATION INDUSTRY**  
*P. Ahmadi, M. Safari Kahreh, M.H. Maleki, Z. Safari Kahreh*
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- **TEACHING IN TAIWAN: THE EXPERIENCES OF AN AMERICAN MULTICULTURAL EDUCATION PROFESSOR**  
*L. Jones*
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- **TEACHING SIDE EFFECTS: COMPLEXITY AND RESPONSIBILITY**  
*M. Maiocchi, M. Pillan*
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- **TEACHING THE 21ST CENTURY COLLEGE STUDENT**  
*M. Streit*
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- **THE EFFECTS OF ADVERGAMES TOWARDS BRAND ATTITUDES ON TURKISH YOUTH**  
*U. Bati, B. Atici*
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- **THE USE OF SOFTWARE MAPAVOX FOR TEACHING GRAPHICS AND GAMES TO BLIND AND LOW VISION STUDENTS: A DEVELOPMENT THROUGH PRACTICES**  
*M. Freitas, B. Zucherato*
- **THESIS STUDENT COLLABORATION ON THE DESIGN AND IMPLEMENTATION OF INTERACTIVE TUTORIALS FOR TELECOMMUNICACION ENGINEERING EDUCATION**  
*M.C. Aguayo-Torres, J.A. Cortés, J. de Oliva-Rubio, P. Reyes-Iglesias, B. Soret*
- **TOWARDS IMPROVING QUALITY OF TEACHING AND LEARNING IN TERTIARY INSTITUTIONS IN NIGERIA: AN OVERVIEW OF LECTURING METHOD**  
*A. Saba, J. Jawan, Z. Ahmed, A. Abu Samah*
- **USE DTPB AND SOCIAL SUPPORT MODULES TO EXPLORE ELEMENTARY SCHOOL CHILDREN INDULGED IN ONLINE GAMES OF RESEARCH**  
*N.F. Gu, T.S. Li, S. Lee, Y. Liu*

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## **International Projects**

- **AN EDUCATIONAL PROJECT IN THE PHILIPPINES: BUILDING CROSS-CULTURAL COMPETENCE AMONG UNIVERSITY STUDENTS ACROSS THE TAIWAN STRAIT**  
*M. Lee*
  - **CHANGES IN THE INTERNATIONALIZATION OF HIGHER EDUCATION IN KNOWLEDGE-BASED ECONOMY**  
*C. Pricopie*
  - **INNOVATIVE OPEN EDUCATIONAL RESOURCES IN EUROPEAN HIGHER EDUCATION**  
*C.A. van Dorp*
  - **LEARNING NETWORKS IN HIGHER EDUCATION: BRAZIL AND USA**  
*B. Steren dos Santos, M. Costa Morosini, P. Somers, R. Vibrantz*
  - **SYNCHRONOUS AND ASYNCHRONOUS LEARNING EXPERIENCES: EDUCATION AND LANGUAGE STUDIES IN MEXICO CITY**  
*T. Fowler*
  - **SYNERGIZED PEDAGOGY THROUGH INTERNATIONAL TRAVEL**  
*T. Fowler*
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- **THE ALLIANCES LIKE STRATEGIES OF DEVELOPMENT IN CLUSTER EDUCATIVE IN MEXICO**  
*J. González, A. Palestina*

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- **THE ART IN THE FIELD OF THE EDUCATION - A BRIDGE AMONG THE HEARTS OF THE PEOPLE**  
*E. Maryanova*

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- **VIRTUAL MOBILITY AS AN ALTERNATIVE OR COMPLEMENT TO PHYSICAL MOBILITY**  
*M. Vriens, W. Van Petegem, I. Op de Beeck, M. Achten*

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- **VIRTUAL PLACEMENTS: IMPROVING THE INTERNATIONAL WORK EXPERIENCE OF STUDENTS**  
*M. Vriens, I. Op de Beeck, J. De Gruyter, W. Van Petegem*

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## Learning Experiences in Higher and Further Education

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- **A MOTIVATION STUDY OF THE CHEMICAL ENGINEERING STUDENTS OF THE UNIVERSITY OF CASTILLA LA MANCHA**  
*A. de Lucas, P. Sánchez, J. Villaseñor, A. de Lucas Consuegra, S. Cotillas*

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- **A NEW EDUCATIONAL APPROACH IN DESIGN FACULTY FOR TEACHING MATERIALS SCIENCE**  
*B. Del Curto, M.P. Pedferri*

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- **ACADEMIC SERVICE LEARNING EXPERIENCES IN ENHANCING STUDENT ENGAGEMENT AND ACTIVE PARTICIPATION IN FOREIGN LANGUAGE TEACHING**  
*F. Russo*

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- **ACTION RESEARCH IN HIGHER EDUCATION WITH ICT INCORPORATION. ONE WAY OF ASSESSING AND TRANSFORMING THE EDUCATIONAL PROPOSALS**  
*J.C. Barbosa, M. Rodríguez, J.W. Barbosa*

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- **ADAPTING A COURSE IN THERMODYNAMICS TO EHEA**  
*I. López Paniagua, Á. Jiménez Álvaro, J. Rodríguez Martín, C. González Fernández, R. Nieto Carlier*

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- **AN E-LEARNING COURSE AS A TRAINING STRATEGY DURING THE INFLUENZA A(H1N1) EMERGENCY: A MEXICAN EXPERIENCE**  
*L. Magaña Valladares, C. Rosas Magallanes, K. Cooper*

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- **AN INTERDISCIPLINARY APPROACH TO TEACHING "ANALYSIS OF CULTURAL HERITAGE" TO UNDERGRADUATE STUDENTS IN CHEMISTRY**  
*E. Manzano, M. del Egido, L.R. Rodríguez-Simón, M. Gómez, A. Arteaga, M.A. García Rodríguez, E. González Arteaga, J.V. Navarro, J.L. Vilchez*

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- **ANALYSIS OF AN E-LEARNING EXPERIENCE: DESCRIPTIVE STATISTICS THROUGH CAV**  
*A.M. Martinez, M.J. Olmo, A. Oya, R. Caballero, R.M. Fernandez, J.D. Jimenez*
  - **ANALYSIS OF THREE EDUCATIONAL MODALITIES ACCORDING TO STUDENT PROFILE AND ACADEMIC PERFORMANCE**  
*L. Magaña Valladares, J. Suarez Conejero, K. Cooper, L. Castillo Castillo, M. Gonzalez Robledo*
  - **ARABIC TEACHING AND LEARNING SYSTEM AT SOME CELEBRATED INSTITUTIONS OF HIGHER EDUCATION IN EUROPE**  
*L. Arvide Cambra*
  - **ARE WE BECOMING PROFESSORS 2.0? SOME IDEAS TO INTEGRATE 2.0 TOOLS INTO ECONOMICS & SOCIOLOGY COURSE**  
*M. Vicente, A. Novo*
  - **CAN SURFING THE WEB BE A BAD HABIT?**  
*F. Vakil*
  - **COOPERATIVE LEARNING. A PRACTICAL EXPERIENCE AT UNIVERSITY**  
*V. Aguilar-Arcos*
  - **DEVELOPING POSTGRADUATE STUDENTS STATISTICAL THINKING IN UNIVERSITY: EVALUATION OF A STATISTICAL THINKING LEARNING ENVIRONMENT MODEL**  
*J. Sun, N. Buys*
  - **DEVELOPMENT AND APPLICATIONS OF AN MULTIMEDIA SYSTEM FOR SELF-LEARNING OF DIGITAL SIGNAL PROCESSING TECHNIQUES (SIMAT-TDS)**  
*D. Martínez Muñoz, N. Ruiz Reyes, F. Rivas Peña, R. Mata Campos, J.M. García Rubia, L.R. López López*
  - **DIMENSIONAL ANALYSIS FOR UNDERGRADUATE STUDENTS USING EDUCATIONAL SOFTWARE**  
*A. Riveiro, J.C. Conde, F. Lusquiños*
  - **DIRECTED STUDY APPLIED TO PHYSICAL BASIS FOR THE DEGREE OF AGRICULTURAL TECHNICAL ENGINEER**  
*J.M. Cámara Zapata*
  - **DISTANCE LEARNING AND ONLINE GRADUATE PROGRAMS IN MUSIC TEACHER EDUCATION**  
*E. McClellan*
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- **DO SOCIAL NETWORKS PROMOTE SOCIAL RELATIONSHIPS?**  
*S. Barnes, C. Egert, N. Cheong*

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- **EVALUATION OF THE USE OF COOPERATIVE LEARNING IN ENGINEERING**  
*R. Maceiras, A. Cancela Carral, A. Sánchez, S. Urrejola*

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- **EXPERIENCES DURING THE ADAPTATION TO THE EUROPEAN HIGHER EDUCATION AREA IN THE PRACTICAL TEACHING OF VETERINARY ANATOMY: BRINGING TOGETHER BOTH TRADITIONAL AND ON-LINE EDUCATIONAL RESOURCES**  
*C. Rojo, E. Gonzalez*

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- **GULF TEACHERS PERCEPTIONS OF TECHNOLOGY USE IN UAE HIGHER EDUCATION**  
*K. Bunts-Anderson*

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- **HOW CAN WE DEVELOP E-SKILLS AMONG COLLEGE STUDENTS? LET'S COPY, PASTE, AND....IMPROVE**  
*M. Vicente, A. Novo*

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- **HOW HIGHER EDUCATION LANGUAGE POLICY IN CROATIA MEETS THE REQUIREMENTS OF THE BOLOGNA PROCESS**  
*M. Krznaric, R. Buinac*

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- **IMPROVING THE LEARNING PROCESS THROUGH PROBLEM BASED LEARNING (PBL) IN MATERIALS ENGINEERING TECHNOLOGY**  
*C. Bao, J.M. Castresana*

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- **INDIVIDUAL LEARNER DIFFERENCES IN SECOND LANGUAGE ACQUISITION: PEER TUTORING AND TERTIARY EDUCATION**  
*E. Dominguez-Romero*

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- **INNOVATION EXPERIENCES FOR TEACHING AND LEARNING ELECTRONICS: AN APPLICATION TO THE UNIVERSITY MASTER'S DEGREE IN SECONDARY EDUCATION**  
*M.I. Dieste Velasco*

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- **INNOVATIVE VERSUS CONVENTIONAL TEACHING IN GROSS ANATOMY: A PROSPECTIVE COMPARATIVE STUDY**  
*J. Sanchis-Gimeno, C. Pascual-Banos, M. Herrera-Lara, F. Martinez-Soriano*

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- **INTRODUCING SOCIALLY RESPONSIBLE INVESTING CRITERIA INTO FINANCIAL AND BANK MANAGEMENT OF ORGANIZATIONS THROUGH COOPERATIVE LEARNING**  
*E. Escrig-Olmedo, R. León-Soriano, I. Ferrero-Ferrero, J.M. Rivera-Lirio, M.J. Muñoz-Torres, M.A. Fernández-Izquierdo*

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- **INTRODUCING STATISTICAL EXPERIMENTAL DESIGNS TO CHEMICAL AND INDUSTRIAL ENGINEERING USING THE COLLABORATIVE AND PROBLEM BASED LEARNING APPROACH**  
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