Dear INTED2010 participants,

It is a great honour to welcome you to this forth annual edition of INTED2010 (International Technology, Education and Development Conference).

The main aim of this conference is to provide an international forum, counting with experts in different fields and disciplines from more than 60 countries who will present and discuss the latest innovations in education, technology and development.

With the presence of more than 400 attendants, INTED2010 also aims to be a social platform and a great opportunity for networking, which makes this experience more interesting for its international and multicultural atmosphere.

Valencia, venue of this conference, will provide you with the opportunity to discover a city with impressive architecture, interesting museums, lovely beaches and a varied cultural offer that will make your stay unforgettable.

Thank you very much for coming to INTED2010 and for contributing to the improvement of Education with your projects and experiences. We wish you a fruitful conference!

*INTED2010 Organising Committee*
MONDAY, 8th MARCH 2010

08:00-09:00  Registration Desk
09:00-09:45  Welcome Speech (Room Jardin)
09:45-10:15  Welcome Coffee
10:15-13:30  Parallel Sessions / Morning Poster Session
13:30-14:45  Lunch Buffet (Room Valencia 6th floor + Room Palau ground floor)
14:45-16:45  Parallel Sessions / Afternoon Poster Session
16:45-17:15  Coffee Break
17:15-19:15  Parallel Sessions / Afternoon Poster Session

TUESDAY, 9th MARCH 2010

08:45-10:30  Parallel Sessions / Morning Poster Session
10:30-11:00  Coffee Break
11:00-13:30  Parallel Sessions / Morning Poster Session
13:30-14:45  Lunch Buffet (Room Valencia 6th floor + Room Palau ground floor)
14:45-16:45  Parallel Sessions / Afternoon Poster Session
16:45-17:15  Coffee Break
17:15-19:15  Parallel Sessions / Afternoon Poster Session
19:15-20:15  Closing Honour Wine (Room Valencia)

WEDNESDAY, 10th MARCH 2010

Sightseeing tour to Valencia (Information at the reception desk)
**OVERVIEW: MONDAY, 8th MARCH 2010**

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- **Registration**
  - 08:00 - 09:00

- **Welcome Speech (Room Jardin)**
  - 09:00 - 09:45

- **Coffee Break (Room Valencia)**
  - 09:45 - 10:15

- **e-learning & Blended Learning (1)**
  - 10:15 - 11:45

- **Educational Software and Serious Games (1)**
  - 10:15 - 11:45

- **University-Industry Collaboration**
  - 10:15 - 11:45

- **Curriculum Design in Engineering Education**
  - 10:15 - 11:45

- **Architecture & Urban Planning: Pedagogical & Didactical Innovations**
  - 10:15 - 11:45

- **Poster Session 1. Technological Issues & Computer Supported Collaborative Work**
  - 10:15 - 13:30

- **Lunch Buffet (Room Jardin + Valencia + Palau)**
  - 13:30 - 14:45

- **e-learning & Blended Learning (2)**
  - 12:00 - 13:30

- **Educational Software and Serious Games (2)**
  - 12:00 - 13:30

- **Enhancing Learning and the Undergraduate Experience (1)**
  - 12:00 - 13:30

- **Engineering Education: Pedagogical & Didactical Innovations**
  - 12:00 - 13:30

- **Architecture & Urban Planning: International Projects & Research**
  - 12:00 - 13:30

- **Pedagogical & Didactical Innovations (2)**
  - 14:45 - 16:45

- **Computer Supported Collaborative Work. Web 2.0 and Social Networking**
  - 14:45 - 16:45

- **Enhancing Learning and the Undergraduate Experience (2)**
  - 14:45 - 16:45

- **Experiences in Engineering Education**
  - 14:45 - 16:45

- **Arts & Humanities: New Experiences and Pedagogical & Didactical Innovations**
  - 14:45 - 16:45

- **Pedagogical & Didactical Innovations (2)**
  - 17:15 - 19:30

- **Computer Supported Collaborative Work**
  - 17:15 - 19:15

- **Quality Assurance in Education**
  - 17:15 - 19:15

- **Learning Experiences in Primary and Secondary School**
  - 17:15 - 19:00

- **Bus. Adm. & Mgmt.: Experiences in Education and Pedagogical & Didactical Innovations**
  - 17:15 - 19:00

- **Coffee Break (Room Valencia)**
  - 16:45 - 17:15

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  - 10:15 - 11:45

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- **Learning Experiences in Primary and Secondary School**
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- **Bus. Adm. & Mgmt.: Experiences in Education and Pedagogical & Didactical Innovations**
  - 17:15 - 19:00
**OVERVIEW: TUESDAY, 9th MARCH 2010**

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<td>Curriculum Design and Innovation 08:45 - 10:30</td>
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OPENING SESSION

Monday, 8th of March

9:00-9:45  Welcome Address

Ilmo. Sr. Vicente Bellver Capella
Director General de Política Científica.
Conselleria de Educación. Generalitat Valenciana
General Director of Scientific Policy
Ministry of Education. Valencia Regional Government

Sr. D. Emilio del Toro Gálvez
Concejal Delegado de Educación y Universidad Popular
Ayuntamiento de Valencia.
Delegate City-Councillor for Education and Popular University
Valencia City Council

Sr. D. Antonio García Ricós
Miembro del Comité Organizador de INTED2010
Member of INTED2010 Organising Committee

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

e-learning & Blended Learning (1)
Session chair: Marc Seifert. University of Cologne (GERMANY)

Monday, 8th of March

Room: Mallorca

10:15 AN E/M-LEARNING ARCHITECTURE BASED ON ADAPTIVE TESTING
C. De Castro, P. Toppan, K. Kozovska

10:30 DESIGN OF LEARNING ENVIRONMENTS FOR INFORMAL LEARNING IN E-SCIENCE AND E-BUSINESS FROM A LEARNERS' POSITION
M. Seifert, V. Achter

10:45 AN ENGLISH E-LEARNING PROGRAM FOR JAPANESE UNIVERSITY STUDENTS: ITS EFFECTS AND CHALLENGES
N. Aoki, T. Watanabe

11:00 SERVICE ROBOTICS (TELEPRESENCE) APPLIED TO E-LEARNING TECHNOLOGIES DESIGNED IN SYSML
I. Gonzalez, M. Fernandez, L. Alvarez, A. Garcia, J. Brugos

11:15 DESIGNING FOR BLENDED LEARNING: THE OIKODOMOS EXPERIENCE
L. Madrazo, P. Riddy, L. Botturi, V. Joklova

11:30 THE MOTIVATION FOR VIDEO VIEWING IN BLENDED LEARNING
M. Myllymäki, I. Hakala, S. Laine
### Educational Software and Serious Games (1)

**Session chair: Gerd-Michael Hellstern. University Kassel (GERMANY)**

**Monday, 8th of March**  
**Room: Menorca**

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<tr>
<td>10:15</td>
<td>THE NEXT STEP FOR ELEARNING: USING FLASH ANIMATION TO CREATE SERIOUS LEARNING GAMES FOR THE LITTLEST LEARNERS</td>
<td>F. Passantino</td>
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<td>10:30</td>
<td>THE PRIMEGAME: COMBINING SKILLS IN UNDERGRADUATE COMPUTER SCIENCE PROGRAMMES</td>
<td>M. Meyer, J. Fendler</td>
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<td>10:45</td>
<td>CREATING SUCCESSFUL GLOBAL TEAMS WITH STRATEGIC MANAGEMENT SIMULATION SOFTWARE</td>
<td>G.M. Hellstern, B. Kibler, J. Ozga</td>
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<td>11:00</td>
<td>NON-INVASIVE DATA TRACKING IN EDUCATIONAL GAMES: COMBINATION OF LOGFILES AND NATURAL LANGUAGE PROCESSING</td>
<td>S.B. Linek, G. Öttl, D. Albert</td>
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<td>11:30</td>
<td>EXPERIENCES USING AN OPEN SOURCE SOFTWARE LIBRARY TO TEACH A COMPUTER VISION SUBJECT</td>
<td>M. Cazorla, D. Viejo</td>
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# University-Industry Collaboration

**Session chair:** Harry Muilenburg, West Virginia State University (UNITED STATES)

**Monday, 8th of March**

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<td>10:15</td>
<td>EDUCATION FOR THE REAL WORLD</td>
<td>D. Phillips</td>
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<td>10:30</td>
<td>JOB MATCHING IN RECENT GRADUATES: HOW TO ACHIEVE QUALITY EMPLOYMENT</td>
<td>R. Burriel, M.I. Beas</td>
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<td>10:45</td>
<td>PROMOTING INTERNATIONAL UNDERSTANDING, WELLNESS, AND ACTIVE LIVING THROUGH INTERNATIONAL GERI OLYMPICS AND INTERGENERATIONAL PROGRAMMING</td>
<td>T. Muilenburg</td>
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<td>11:00</td>
<td>BRIDGING THE ACADEMIC – INDUSTRY DIVIDE</td>
<td>G. Kachen, J. Murthi, R. Malloy, S. Tello</td>
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<td>11:15</td>
<td>INTERNATIONAL ENERGY TECHNOLOGY COLLABORATION AND LESSONS LEARNT</td>
<td>S. Isbarn, R. Amin</td>
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<td>11:30</td>
<td>THE ROLE OF UNIVERSITIES ON THE INNOVATION PROCESS OF INDUSTRY AS A KNOWLEDGE SOURCE</td>
<td>O. Araci, I. Gulenc</td>
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Curriculum Design in Engineering Education
Session chair: Craig Armiento. University of Massachusetts Lowell (UNITED STATES)
Monday, 8th of March

Room: Tabarca

10:15 ASSISTIVE TECHNOLOGY: TEACHING ENGINEERING DESIGN WITH SOCIAL AND GLOBAL IMPACT
C. Armiento, A. Rux, D. Clark, S. Haileselassie

10:30 A SOFT TAKE-OFF IN THE DIRECTION OF ‘BOLOGNA’
A. Casaravilla, M. del Río, M.V. Cuevas, C. Viñas

10:45 KEY SKILLS DEVELOPMENT THROUGH STUDENTS LEARNING ACTIVITIES
M.J. Terrón-López, M.J. García-García

11:00 HOW TO IMPROVE COMPETITIVENESS OF EUROPEAN INDUSTRY BY HIGHER ENGINEERING EDUCATION
L. Radács, L. Szentirmai

11:15 CURRICULUM DESIGN OF NEW UNIVERSITY TECHNICAL DEGREES ADAPTED TO EHEA RESTRICTIONS
R. Peral, E. Velasco, N. Campillo, H. Campello

11:30 MICROCONTROLLER BASED DIGITAL ELECTRONICS LABORATORY: INTERACTIVE TEACHING LEARNING AID
S. Katti, M. Palkar
Architecture & Urban Planning: Pedagogical & Didactical Innovations

Session chair: Tala Vaziri. American University in Dubai (UNITED ARAB EMIRATES)

Monday, 8th of March

Room: Formentera

10:15 REINVENTING TEACHING METHODS TO FOSTER CREATIVE AND INNOVATIVE MINDS - THE ROLE OF TEACHERS’ GUIDANCE IN THE FUTURE SUCCESS OF STUDENTS
T. Vaziri

10:30 FERNSTUDIUM „BAUEN MIT BESTAND“- DISTANCE EDUCATION AND A NEW GENERATION OF ARCHITECTS
G. Giebeler, U. Gelbke

10:45 DIGITAL DESIGN COMMUNICATION: MEASURING LEARNER TECHNOLOGICAL PROWESS AND SELF-EFFICACY IN PROBLEM RESOLUTION
D. Nielsen, M. Flemming, A. Kumarasuriyar, S. Gard

11:00 STUDIO CULTURE: TEACHING DESIGN WITHIN THE STUDIO ENVIRONMENT
M. Delgado

11:15 EDUCATING THE CRITICAL URBAN PLANNER AND DESIGNER : A DIDACTICAL EXPERIENCE IN AN AREA OF PRACTICE
R. Rocco, R. Rooij

11:30 RESEARCH AS A TOOL FOR EDUCATORS’ LEARNING BESIDES TEACHING EXPERIENCE: A CASE STUDY FOR EDUCATION IN DESIGN AND ANALYSIS
A. Guney, S. Dalyan
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<td>12:00</td>
<td>WHAT WE CAN LEARN FROM OUR STUDENTS? USE OF STUDENT REFLECTIONS AS TOOLS TO IMPROVE TEACHING STRATEGIES</td>
<td>S. O' Sullivan, H. McGlynn</td>
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<td>12:30</td>
<td>PILOT FAD, SOME GOOD EXAMPLES IN ELEARNING</td>
<td>G. Limongiello, S. Bozzini, I. Scancarello</td>
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<td>13:00</td>
<td>2020 Vision: The Future of Education Through Technology</td>
<td>F. O’Carroll</td>
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<td>13:15</td>
<td>ELEARNING FRAMEWORKS: A SURVEY</td>
<td>R. Queirós, J.P. Leal</td>
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Educational Software and Serious Games (2)
Session chair: Eugenia Bossio. University of Calabria (ITALY)
Monday, 8th of March

12:00 MAKING SCIENTIFIC TOPICS SIMPLER: A WEB SITE FOR LEARNING CHAOS
   F. Bertacchini, E. Bilotta, E. Bossio, P. Pantano

12:15 CRITICAL USABILITY-EVALUATION OF MOBILE DEVICE APPLICATIONS FOR M-LEARNING PURPOSES
   R. Feichtinger, M. Tesar, B. Salzbrunn, R. Pucher

12:30 USING 'MACHINIMA' AS AN EDUCATIONAL MODEL FOR FILM, ANIMATION, AND ARCHITECTURE STUDIES:
      MACHINIMA101
      G. Çatak

12:45 INTERACTIVE MULTIMEDIA LEARNING OBJECT (IMLO) FOR DYSLEXIC CHILDREN
      F. Abdul Rahman, R.S. Umar, F. Mokhtar

13:00 DESIGN AND DEVELOPMENT OF COLLABORATIVE TECHNOLOGY FOR CHILDREN WITH AUTISM:
      COSPATIAL
      S. Cobb, S. Parsons, L. Millen, R. Eastgate, T. Glover

13:15 INFLUENCE OF VIDEOS WITH COMPUTER-ANIMATED CHARACTERS ON LEARNING DISASTER MANAGEMENT
      T. Kumazawa, M. Saito
Enhancing Learning and the Undergraduate Experience (1)
Session chair: Martina Crehan. Dublin Institute of Technology (IRELAND)

Monday, 8th of March

Room: Ibiza

12:00 A MULTICONTEXTUAL MODEL FOR INCREASING PARTICIPATION AND GRADUATION RATES IN STEM RELATED DISCIPLINES
E. Brown

12:15 NEW INNOVATIONS IN THE DEVELOPMENT OF PRACTICE PLACEMENT EDUCATION FOR STUDENT DIETITIANS
M. Crehan, M. Moloney, M. Bowles, C. Corish

12:30 PEER ASSISTED LEARNING IN MATHEMATICS - AN EXPERIENCE TO ENHANCE LEARNING FOR UNDERGRADUATES
P. Bidgood, N. Saebi, J. Gay

12:45 VIRTUAL(LY) OFFICE HOURS: ONLINE ADVENTURES WITH LITTLE SIDEWALK SURFER GIRL AND MURPH THE H2O SKI GOD
R. Saunders

13:00 CELLS, CLICKERS, CHATS ---, OH MY! – COMMON TECHNOLOGIES ADD PRODUCTIVITY, LIFE, AND EFFICIENCY TO THE CLASSROOM
M. Smith

13:15 RELATIONSHIP BETWEEN THIRD AGE UNIVERSITY PROGRAMS, DEGREE OF SATISFACTION DURING RETIREMENT AND QUALITY OF LIFE
C. Vilaplana Prieto
## Engineering Education: Pedagogical & Didactical Innovations

*Session chair: Daniel Chen. Lamar University (UNITED STATES)*

*Monday, 8th of March*  
*Room: Tabarca*

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<td>12:00</td>
<td>USING A COLLABORATIVE ENVIRONMENT IN THE TEACHING OF ELECTRIC CIRCUITS THEORY</td>
<td>R.J. Durán Barroso, A. Bahillo, N. Merayo, P. Fernández, I. de Miguel, J.C. Aguado, R.M. Lorenzo, E.J. Abril</td>
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<td>12:15</td>
<td>DIGITAL SIGNAL PROCESSING APPLIED TO MUSICAL HYPER INSTRUMENTS</td>
<td>C. Hernández Franco, K. Kelber</td>
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<td>12:30</td>
<td>EXPERIENCES WITH NEW ONLINE SIMULATOR SERVICES IN PROBLEM BASED LEARNING IN SKILLS UPGRADING PROCESSES</td>
<td>J. Stav, E. Engh, T. M. Thorseth</td>
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<td>12:45</td>
<td>TRANSVERSAL COMPETENCE EVALUATION IN THREE SUBJECTS OF THE DEGREE OF AGRONOMICAL ENGINEERING (HORTICULTURAL CROP PRODUCTION AND GARDENING) AT THE UNIVERSITAT JAUME I OF CASTELLÓN</td>
<td>M. Hurtado</td>
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<td>13:00</td>
<td>INCORPORATING DISTRIBUTED CONTROL SYSTEM-BASED MANUFACTURING INTO UNDERGRADUATE CHEMICAL ENGINEERING EDUCATION</td>
<td>D. Chen, P. Richmond, Q. Xu, J. Gossage</td>
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<td>13:15</td>
<td>SYNERGISTIC BENEFITS OF ART AND MECHATRONIC ENGINEERING COLLABORATION</td>
<td>E. Bennett</td>
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Architecture & Urban Planning: International Projects & Research
Session chair: Marco Imperadori. Politecnico di Milano (ITALY)

Monday, 8th of March

Room: Formentera

12:00 MELBOURNE’S FRINGE – A SUBURBAN EXPERIMENT
   U. Gelbke

12:15 E-LEARNING FOR ARCHITECTURE
   R. Belibani

12:30 AN INTERNATIONAL COLLABORATION FOR THE DEVELOPMENT OF A RESEARCH TRAINING COURSE IN AN EMERGENT ACADEMIC DISCIPLINE
   R. Rocco, M. Biggs, D. Büchler

12:45 ARCHITECTURE CULTURE ENVIRONMENT SEMINARS: SUSTAINABLE URBAN REGENERATION IN MACAU
   J.L. Sales Marques, C. Marreiros, M. Imperadori, G. Iannaccone

13:00 DISASTERS MAKE PEOPLE GET CLOSER IN SPITE OF MANY DIFFERENCES: A COLLABORATIVE RESEARCH BETWEEN ADAPAZARI (TURKEY) AND DELFT (THE NETHERLANDS)
   A. Guney, S. Dalyan

13:15 “END-WORK” AND DESIGN PROCESS IN INTERIOR ARCHITECTURE/DESIGN
   B. Kaptan
ORAL SESSIONS MONDAY AFTERNOON
Pedagogical & Didactical Innovations (1)
Session chair: Tamara Bianco. University of Augsburg (GERMANY)
Monday, 8th of March

Room: Mallorca

14:45 NATURE OF SCIENCE IN SCIENCE EDUCATION: SOME CONTRIBUTIONS OF CURRENT RESEARCH WITH STUDENTS
A. Vázquez Alonso, A. García-Carmona, M.A. Manassero Mas

15:00 USING ICT FOR FOSTERING PUPILS’ MATHEMATICAL THINKING
T. Bianco, M. Brandl

15:15 THE ROLE OF VISUAL MODELS IN MEDIATING CHILDREN’S MATHEMATICISING: A CASE FROM AN EARLY EDUCATION CLASSROOM COMMUNITY
S. Kaartinen

15:30 TEACHING PROBLEM SOLVING WITH MINI-LECTURES AND WORKSHEETS
D. Phillips

15:45 DEEPENING STUDENT ENGAGEMENT IN A WEB-BASED COLLABORATIVE GROUP TRANSPORT DESIGN PROJECT
P. Atkinson, J. Osmond, L. Sierra Zuluaga

16:00 INVESTIGATING PORTFOLIO PRACTICE: SEARCHING FOR COMPETENCY THROUGH A REFLECTIVE LENS
J. Silveira

16:15 OVERUSING THE INTERNET - PROBLEMS IN TECHNICAL EDUCATION
R. Vârbănescu, R. Dobrescu, A. Avram, A. lordan

16:30 SOME USES AND APPLICATIONS OF CONCEPT MAPS IN THE TEACHING OF CHEMISTRY
C. Aguirre-Pérez, R. Fernández-Cézar
Computer Supported Collaborative Work. Web 2.0 and Social Networking
Session chair: Martin Racine. Concordia University (CANADA)
Monday, 8th of March

14:45 JOINING THE SOCIAL MEDIA REVOLUTION: THE INTEGRATION OF COLLABORATIVE LEARNING AND FLASH APPLICATIONS INTO PRIMARY SCHOOL EDUCATION
F. Passantino

15:00 MUCH ADO ABOUT TWITTER: USING TWITTER FOR A FINAL-YEAR SHAKESPEARE COURSE
A. McNeill

15:15 METACYCLING, AN INTERNATIONAL COLLABORATIVE PROJECT PROMOTING SUSTAINABLE DESIGN
M. Racine, P. Lalande, C. Colby, A. Joyce

15:30 OUTSIDE THE BOX: LMS VERSUS SOCIAL TOOLS
H. Passos

15:45 PROPOSAL TO DESIGN OF A SEMANTIC AGENT TO MONITORING AND VISUALIZATION OF ONLINE COMMUNITY INTERACTIONS
H. Gonzalez, L. Torres, J. Ojeda, J. Monguet

16:00 SOCIAL COMPUTING APPLICATIONS FOR COMPETENCY BASED ENGINEERING EDUCATION
E. Shoikova, V. Denishev, P. Kanchev

16:15 “TWEET TO LEARN”: STUDENTS’ PERCEIVED USEFULNESS OF TWITTER IN THE CONTEXT OF KNOWLEDGE SHARING DURING FIELD TRIPS
P.J. Mirski, T. Zangerl, C. Gattringer, R.C. Bernsteiner

16:30 TECHNOLOGIES OF KNOWLEDGE: THE TEACHING OF NON-VERBAL LANGUAGE IN THE ERA OF WEB 2.0
S. Simões
Enhancing Learning and the Undergraduate Experience (2)
Session chair: Elena Strocchi. University of Bologna (ITALY)

Monday, 8th of March
Room: Ibiza

14:45 “SCIENTIFIC DEGREES” PROJECT IN CHEMISTRY: THE UNIVERSITY OF BOLOGNA EXPERIENCE
E. Strocchi, S. Torroni, F. Trifiro

15:00 EXPLORING LINKS BETWEEN INFORMATICS AND MATHEMATICS AT AN UNDERGRADUATE LEVEL
A.P. Cláudio, I. Perez da Silva

15:15 OUT WITH THE HEELS AND IN WITH THE LAB COATS; PROMOTING CREATIVITY, INNOVATION AND TEAM BUILDING SKILLS IN THE UNDERGRADUATE CLASSROOM
S. O’ Sullivan, H. McGlynn

15:30 INCORPORATING OBJECTIVES OF THE EHEA TO TRADITIONAL LAW STUDIES
J. Hernandez, N. Zambrana Tevar, A. Muñoz Fernandez

15:45 POSTGRADUATE LED ENVIRONMENT INTRODUCING UNDERGRADUATE STUDENTS TO AUTHENTIC APPLIED STATISTICAL RESEARCH
K. O’Sullivan, J. O’Mullane

16:00 USING CREATIVITY IN TECHNICAL SUBJECTS IN ORDER TO IMPROVE LEARNING IN OUR STUDENTS
M.J. Terrón-López, R.M. Rodriguez

16:15 TYPE AS FACES: EXPLORING THE CHARACTERISTICS OF TYPEFACES AS A PROJECT IN TEACHING TYPOGRAPHY
I. Torun, B. Kelesoglu

16:30 INVESTIGATION AND ANALYSIS ROLE OF AGRICULTURAL EDUCATION IN SUSTAINABLE DEVELOPMENT OF IRAN
F. Lashgarara, S.J. Farajollah Hosseini, S.M. Mirdamadi
Experiences in Engineering Education
Session chair: Hannelie Nel. University of Johannesburg (SOUTH AFRICA)
Monday, 8th of March
Room: Tabarca

14:45 ENGINEERING DESIGN PROJECTS IN EDUCATION: A REFERENCE FRAME BASED ON DESIGN METHODOLOGY
K. Hain, C. Rappl

15:00 INNOVATIVE APPROACHES TO ENGINEERING ENTREPRENEURSHIP EDUCATION
S. Walsh, B. Pittman, S. Hollar

H. Nel, A. Venter

15:30 INTERNATIONALISING GROUP PROJECT WORK FOR CIVIL ENGINEERING STUDENTS: INTERNATIONAL PROJECT WEEK 2009
I. Smith, M. Taylor, P. de Klerk, J.M. Cámara Nebreda

15:45 SIX SIGMA HIGHER EDUCATION CERTIFICATION FOR WORK EMPLOYABILITY
C. Laux, D. Franze

16:00 A FULLY AUTOMATIC SORTING MACHINE USING USB CAMER A – AN INNOVATION IN ENGINEERING EDUCATION
F. Shahnaz Feroz, S. Indra Devi, Y. S. Hoo, F. Shahfinaz Feroz

16:15 AUDIOVISUAL REPORTS DEVELOPED BY MECHANICAL ENGINEERING STUDENTS AFTER A LABORATORY SESSION
R. Peral, E. Velasco, H. Campello, N. Campillo
Arts & Humanities: New Experiences and Pedagogical & Didactical Innovations  
**Session chair: Anne Marie Morrin. University of Limerick (IRELAND)**

*Monday, 8th of March*  
*Room: Formentera*

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<td>E-LEARNING PLATFORMS AND HUMANITIES EDUCATION THE CASE OF A HUMANITIES DISCIPLINE AT THE UNIVERSITY OF BOTSWANA</td>
<td>I. Ikpe</td>
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<td>THE EFFECTIVENESS OF RECORDED VOICE FEEDBACK IN AN ONLINE COURSE AT A SMALL COLLEGE</td>
<td>G. Dell</td>
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<td>ONLINE TUTORING IN CLASSICS: A WAY OF FAMILIARIZING THE STUDENTS WITH THE USE OF TECHNOLOGIES IN LEARNING ACTIVITIES</td>
<td>D. Vlachopoulos, L. Gonzàlez Julià, P. Gómez Cardó</td>
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<td>ART EDUCATION IN ACTION – A MULTIDISCIPLINARY APPROACH TO TEACHING AND LEARNING. COLLABORATIVE MULTIMEDIA EDUCATIONAL PROJECT INVOLVING ART EDUCATORS, CONTEMPORARY ARTISTS AND A GALLERY</td>
<td>A.M. Morrin</td>
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<td>THE THIRD WAY: USING WEB 2.0 RESOURCES IN UNIVERSITY TEACHING</td>
<td>T. Carney</td>
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<td>16:00</td>
<td>E-LEARNING FOR HEALTH AND COMMUNICATION DESIGN</td>
<td>J. Osmond, J. Bleetman</td>
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<td>THE USE OF ANIMATION IN EDUCATION AND ‘KARAGÖZ ACADEMY’ AS A SAMPLE STUDY</td>
<td>F. Kaba</td>
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<td>CREATIVE METHODS OF INTERPRETING PROSPECTS: AN INTERNATIONAL COOPERATIVE WORKSHOP BY THE SCULPTURE DEPARTMENT: THE STUDENT SHOULD BE AWARE OF HIS/HER CAPACITY</td>
<td>C. Öztürk</td>
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Pedagogical & Didactical Innovations (2)
Session chair: Sosama Shata. Qatar University (QATAR)

Monday, 8th of March

17:15 STATISTICAL CONSULTING PROJECT UTILISING A TEAM-BASED LEARNING ENVIRONMENT: A STUDENT'S PERSPECTIVE

17:30 REVITALIZING USE AND USE CASE ABSTRACTION: A PEDAGOGICAL METHODOLOGY FOR DEVELOPING INNOVATIVE DESIGN THINKING IN NEW MEDIA LITERACY
I. Choi

17:45 COOPERATIVE LEARNING AND PROBLEM-BASED LEARNING IN SOFTWARE ENGINEERING
P. Cáceres García de Marina, B. Vela Sánchez, E. Marcos Martínez

18:00 SOME ETHICAL CONSIDERATIONS REGARDING THE USE OF INFORMATION TECHNOLOGY IN OUTCOMES-BASED EDUCATION AND A WORKING MODEL FOR PROMOTING OUTCOME-BASED EDUCATION
O. Shata

18:15 MULTIMEDIA IMPLEMENTATION IN MUSIC INSTRUCTION IN MIDDLE AND HIGH SCHOOL
N. Lubovsky

18:30 TEACHING WRITING IN THE PROFESSIONS ONLINE: A CASE STUDY
S. Carliner

18:45 USING COMPUTER-BASED ERROR ANALYSIS TO IDENTIFY CHILDREN WITH LEARNING DIFFICULTIES
C. Potter, G. Ravenscroft, P. Fridjhon

19:00 SELF-REGULATORY INSTRUMENTS IN FIELDWORK PROGRAMS
M. Kopelman, F. Kessler

19:15 AN INSTRUCTIONAL APPROACH TO TEACHING LITERACY
M. Kopelman
Computer Supported Collaborative Work
Session chair: Linnéa Stenliden. Linköping University (SWEDEN)

Monday, 8th of March

17:15 STUDENT E-COOPERATIVE: COMPUTER MEDIATED GROUP PROJECTS
   S. Arnold

17:30 THE USE OF INNOVATIVE COMPUTER-MEDIATED COMMUNICATION AND IMAGING IN THE DEVELOPMENT OF A PROBLEM BASED NURSING CURRICULUM
   D. Chambers, S. Thompson, J. McGarry, A. Aubeeluck

17:45 INTEGRATING GIS AND SPACE SYNTAX IN STRATEGIC PLANNING EDUCATION
   A. van Nes, W. Tan, T. Hodgson, A. Wandel

18:00 AN EDUCATIONAL PROGRAM USING A DEBATE SUPPORT SYSTEM FOR CULTIVATING CRITICAL THINKING DISPOSITION
   S. Aoyagi, Y. Itami, H. Ishii, H. Shimoda, H. Tomie, K. Kitagawa, S. Kawahara

18:15 EDUCATING OFFICIAL STATISTICS USING GEOVISUAL ANALYTICS STORYTELLING METHODS
   L. Stenliden, M. Jern

18:30 INTEGRATING TAGGED BLOG ENTRIES INTO E-PORTFOLIOS FOR THE ASSESSMENT OF STUDENT TEACHERS
   L. Honour

18:45 NATURAL LANGUAGE PROCESSING AND SCORING STUDENT WRITING IN WEB-BASED INTELLIGENT TUTORING SYSTEMS

19:00 GENDER TRAINING COMMUNITY OF PRACTICE: LEARNING THROUGH DIALOGUE
   A. Ziffer
Quality Assurance in Education
Session chair: Gihane Endrawes. University of Western Sydney (AUSTRALIA)

Monday, 8th of March

17:15 THE USE OF EQCI TO IMPROVE HAFDAP BASED ON EFQM
   N. Balfakih, H. Al Zabi

17:30 QUALITY ASSURANCE AND BEST PRACTICES IN EDUCATION
   G. Endrawes

17:45 A RETROSPECTIVE STUDY ON THE POLICY AND PRACTICE OF PROGRAM EVALUATION FOR TECHNICAL AND VOCATIONAL EDUCATION INSTITUTES AT HIGHER EDUCATION LEVEL IN TAIWAN
   M. Wu, Y. Lin, K. Tseng, S. Lou

18:00 QUALITY AS A LEARNING COMPETITIVE STRATEGY
   A. Dias

18:15 COMPARISON OF THE LEARNING OUTCOMES OF ARCHITECTURE EDUCATION AND INTERIOR ARCHITECTURE EDUCATION
   B. Kaptan, K. Güler

18:30 QUALITY ASSURANCE OF USER GENERATED CONTENT IN HIGHER EDUCATION
   T. Kretschmer, C. Delrio

18:45 EVALUATING TEACHERS TRAINING PROGRAMS: A CASE OF IRAN AND INDIA
   M. Shariatmadari, S. Mahdi

19:00 FACTORS RELATED TO RESEARCH PRODUCTIVITY AT HIGHER EDUCATION LEVEL
   A. Mahmood, Z. Iqbal
Learning Experiences in Primary and Secondary School
Session chair: John Arango. Rhode Island College (UNITED STATES)
Monday, 8th of March
Room: Tabarca

17:15 HOW CAN FLEXIBLE LEARNING CENTRES USE SOCIAL NETWORKING TO IMPROVE THEIR ONGOING EDUCATIONAL ASSESSMENTS?
A. Brader

17:30 LITERACY IN THE 21ST CENTURY – PRESCHOOLERS IN THE WAY BECOMING MULTILITERATE IN A DIGITAL LEARNING ENVIRONMENT
M. Pitkänen, M. Hytönen, R.L. Korkeamäki, H. Mikkola, K. Kumpulainen

17:45 ENHANCING STUDENTS’ POSSITIVE ATTITUDES IN A TUNEFULL NUTSHELL
P. Pérez, J.L. Nicolau Gonzálbez

18:00 SCIENTIFIC PROOF AND CASE STUDIES: THE EFFECT OF FREQUENT WRITING ON ONE’S WRITING SKILLS
S. Han

18:15 PLAYING AND ENGINEERING IMPROVES STUDENT LEARNING
J. Arango

18:30 TECHNOLOGY INTEGRATION: A QUANTITATIVE EXAMINATION OF FACTORS THAT IMPACT TECHNOLOGY INTEGRATION IN URBAN PUBLIC SECONDARY MATHEMATICS CLASSROOMS
P. Harvey-Buschel
## Bus. Adm. & Mgmt.: Experiences in Education and Pedagogical & Didactical Innovations

**Session chair:** Aldon Hartley. *University Of Auckland Business School (NEW ZEALAND)*

*Monday, 8th of March*  
*Rural: Formentera*

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<td>A. Hartley, H. Ratnayake</td>
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<td>17:30</td>
<td><strong>BEYOND APTITUDE. ATTITUDE DEVELOPMENT AS A KEY TO SUCCESS?</strong></td>
<td>T. del Val, S. Ramón Torres, F. Canto Ventas, R. Castaño Sanchez</td>
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<td>17:45</td>
<td><strong>ENHANCING EDUCATIONAL COLLABORATIVE EXPERIENCE THROUGH USE OF ENGLISH LANGUAGE IN BUSINESS AND ECONOMICS AT THE UNIVERSITY OF CANTABRIA</strong></td>
<td>M. Alonso, A. Hadzelek</td>
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<td>18:00</td>
<td><strong>KEY ACADEMIC PERFORMANCE INDICATORS FOR STAFF AT COMPREHENSIVE UNIVERSITIES</strong></td>
<td>S. Rajkaran, K.J. Mammen</td>
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<td>18:15</td>
<td><strong>USING BLENDED LEARNING TO DEVELOP COLLABORATION AND COMMUNICATION SKILLS IN HIGHER EDUCATION</strong></td>
<td>M. Bermejo, A. Diaz de Junguitu</td>
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<td>18:30</td>
<td><strong>THE IMPACT OF PODCAST IN STUDENT’S LEARNING OUTCOMES</strong></td>
<td>N. Oriaku</td>
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<td>18:45</td>
<td><strong>A NOVEL WAY OF PROVIDING ELECTRONIC FEEDBACK FOR ASSESSMENT IN HIGHER EDUCATION</strong></td>
<td>L. Tipi</td>
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<td>Poster Session 1: Technological Issues &amp; Computer Supported Collaborative Work</td>
<td>Monday, 8th of March</td>
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<td><strong>COLLABORATIVE WORK THROUGH THE USE OF BLOGS AS A METHODOLOGY FOR TEACHERS COLLEGE EDUCATION: REFLECTIONS FROM ITS PRACTICAL APPLICATION</strong></td>
<td>Room: Poster Room</td>
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<td>A. Lledó, G. Lorenzo</td>
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<td><strong>COMPARISON BETWEEN DIFFERENT PLATFORMS AND COMPLEMENTARY TOOLS USED IN THE UNIVERSITARIAN SCHOOL OF TECHNICAL ARCHITECTURE OF MADRID</strong></td>
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<td><strong>COMPUTER-MEDIATED MULTIMEDIA CLIP: A NEW WAY IN TECHNOLOGY-MEDIATED INSTRUCTION</strong></td>
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<td>A. Shahini, M.S. Lavasani</td>
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<td><strong>CURRENT PRACTICES IN ONLINE LEARNING</strong></td>
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<td>C. Morón, G. de Ignacio, J.I. Vicens, E. Tremps, F.J. Maganto, C. Viñas, J.A. Somolinos, A. García</td>
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<td><strong>E-LEARNING AND EDUCATION IN IRAN</strong></td>
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<td>N. Karkeh Abadi, F. Lashgarara</td>
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<td><strong>EXPLORING THE ROLE OF WIKIS AS A COLLABORATIVE TECHNOLOGICAL RESOURCE FOR COMPETENCY-BASED LEARNING</strong></td>
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<td>A. Márquez-García, R. Puentes-Poyatos, M. Garrido-Álvarez, M. Moreno-Martos</td>
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<td><strong>INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION - A WEB-BASED INTELLIGENT TUTORING SYSTEM ON TEACHING AND LEARNING ELECTRICAL PROJECT</strong></td>
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<td>A. Gomes, Z. Vale, L. Faria</td>
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<td><strong>LIAISING WITH LIVESCRIBE: FIRST TIME REFLECTIONS WITH A MAGIC PEN</strong></td>
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<td>H. Passos</td>
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<td>STUDENTS’ TECHNOLOGICAL ECOSYSTEMS</td>
<td>C. Hernández Franco</td>
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<td>THE ATTITUDE OF INTERIOR ARCHITECTURE EDUCATION TOWARDS DIGITAL DESIGN</td>
<td>K. Güler</td>
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<td>THE EFFICACY OF WEB PROBLEM BASED LEARNING VERSUS TRADITIONAL DISCIPLINE LEARNING IN BIOMEDICAL SCIENCES</td>
<td>K. Heissam, A. Sandokji, A. El-Badry</td>
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<td>THE HUMAN GENOME PROJECT: AN OPPORTUNITY FOR INTERNATIONAL EDUCATION</td>
<td>M. Temple</td>
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<td>THE IMPORTANCE TO DIFUSE HEALTH SCIENCE AND TECHNOLOGY INFORMATION IN “LA COMUNIDAD VALENCIANA”</td>
<td>M. González, I. González, M. Bermejo</td>
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<td>THIS IS A TIME THAT THE QUALITY OF E-LEARNING IN DEVELOPING COUNTRIES SHOULD BE IMPROVED AS AN ESSENTIAL DEMAND</td>
<td>M.H. Hosseini, M. Salahi</td>
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<td>USING TECHNOLOGY TO TRAIN BEHAVIORAL SPECIALISTS TO MEET THE CHALLENGE OF RISING RATES OF AUTISM</td>
<td>C. Mandell, R. Fleming, R. Siegel</td>
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<td>USING THE MOODLE ACTIVITY “DATABASE” TO SUPPORT SELF-LEARNING AND COLLABORATIVE PROBLEM SOLVING IN SOIL SCIENCE</td>
<td>A. Moliner, C. Diéguez, J. Gallardo, M. Benito, J. Almorox, C. Hontoria, A. Masaguer, J. Pérez, J. Santano</td>
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<td>USING TWITTER TO COMMUNICATE CONCISE INFORMATION TO YOUR STUDENTS</td>
<td>A. Guadix, M.C. Almecija, E. Guadix</td>
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<td>WEBLOGS. ANALYSIS AND EVALUATION GUIDE PROPOSAL</td>
<td>N. Baltazar, M. Fandos Igado, I. Aguaded</td>
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<td>YOUNG RESEARCHERS CLUB BLENDED LEARNING SYSTEM: A NEW INSTRUCTIONAL PLATFORM</td>
<td>S. Mahdi, K. Mansour Lakouraj, M. Shariatmadari</td>
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POSTER SESSIONS MONDAY AFTERNOON
Poster Session 2. Educational Software and Serious Games & Pedagogical & Didactical Innovations

Monday, 8th of March

Room: Poster Room

- A FOOD PROCESSING PLANT IN YOUTUBE
  A. Guadix, M.C. Almecija, R. Maldonado, E. Guadix

- A MULTIMEDIA TOOL FOR SUPPORT TO ENGINEERING STUDENTS
  D. Garcia Sanoguera, R. Balart Gimeno, L. Sanchez Nacher, O. Fenollar Gimeno

- A SIMULATION SOFTWARE FOR MATERIALS ENGINEERING BASED LEARNING
  D. Garcia Sanoguera, R. Balart Gimeno, L. Sanchez Nacher, O. Fenollar Gimeno

- AN EXPERIENCE IN COLLABORATIVE WORKING AT CLASS: THE CASE OF THE SUBJECT “SUSTAINABLE DEVELOPMENT AND ENVIRONMENTAL ETHICS”

- AUDIO-VISUAL TECHNOLOGIES WITH DIDACTIC CHARACTER FOR THE PRACTICAL TEACHING IN THE AREA OF PHYSIOLOGY

- COMMUNITY HEALTH COURSE AT SCHOOL OF PUBLIC HEALTH “ANDRIJA ŠTAMPAR” SCHOOL OF MEDICINE UNIVERSITY OF ZAGREB
  V. Jureša, V. Musil, Z. Šošić, M. Majer

- COMPUTER-ASSISTED EXPERIMENTAL WORK APPLIED TO THE CHEMICAL LABORATORY
  L. Monferrer-Pons, S. Carda-Broch, J. Esteve Romero, M. Ruiz-Angel, M. Rambla Alegre

- DESIGN AND DEVELOPMENT OF A SET OF PRACTICAL SESSIONS IN A ROBOTICS AND COMPUTER VISION SUBJECT
  L. Paya, L. Fernandez, O. Reinoso, D. Ubeda, A. Gil

- DISCUSSION LEAD AND CASE METHOD AS A DIDACTIC TOOL
  I. Romero, Z. Hermosilla, R. Martínez-Guijarro, M. Pachés, N. Laguarda, J.G. Del Río
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<td>EXPERIENCES IN THE STUDENTS’ ASSESSMENT IN A COMPUTER SCIENCE APPLIED TO ENGINEERING SUBJECT</td>
<td>D. Ubeda, A. Gil, L. Paya, O. Reinoso, L. Fernandez</td>
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<td>FIRST PRACTICE IN GUIDED LEARNING FOR UNIVERSITY TEACHING QUALITY</td>
<td>M.R. Luque Aznar, C.M. González Domenech, I. López Aliaga</td>
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<td>FOR THE LOVE OF THE GAME: YOUNG WOMEN, VIDEO GAMING AND MEDIA</td>
<td>A. Jones</td>
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<td>ON THE QUESTIONNAIRES AS AN ACTIVE TEACHING METHOD</td>
<td>J.M. Sepulcre, J.C. Navarro, L. Segura</td>
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<td>REPLAY PROJECT: GAMING TECHNOLOGY PLATFORM FOR SOCIAL REINTEGRATION OF MARGINALISED YOUTH</td>
<td>F. Ibañez, F. Fabregat, J. Playfoot, M. Costa, S. Torres</td>
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<td>SIMULATION IN PRE-CLINICAL NURSING CURRICULUM AS A MEANS OF IMPLEMENTING EVALUATION AND ASSESSMENT</td>
<td>A.P.L. Jacobsen, S. Ottestad</td>
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<td>SOME TEACHING INNOVATION ATTEMPTS IN THE SUBJECT “PRINCIPLES OF CHEMISTRY”</td>
<td>D. Guijarro, I.M. Pastor, M. Yus</td>
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<td>SUGI – AN E-LEARNING PORTAL AND TRAINING SYSTEMS FOR GRID AND CLOUD COMPUTING</td>
<td>M. Seifert</td>
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<td>TEACHING: VIRTUAL OR PRESENTIAL TUTORSHIPS. APPLICATION TO EXPERIMENTAL SUBJECTS AT THE CHEMICAL ENGINEERING FIELD</td>
<td>A. Elias, N. Azpiazu, L. Gurtubay, G. Ibarra, N. Rojo, G. Gallastegi</td>
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<td>VIRTUAL DIGITAL ELECTRONICS LABORATORY</td>
<td>S. Katti</td>
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ORAL SESSIONS TUESDAY MORNING
Experiences in Education. New projects and innovations (1)
Session chair: Karen Woodman. Queensland University of Technology (AUSTRALIA)

Tuesday, 9th of March

Room: Mallorca

08:45 MAPPING WIKIPEDIA: DATA MINING, GEOCODING AND SPATIAL ANALYSIS OF ARCHIVED EDIT HISTORY (2001-2009)
J. Cohen

09:00 BRIDGING THE GAP: DEVELOPING AN INNOVATIVE ONLINE RESOURCES FOR INTERNATIONAL GRADUATE STUDENTS
K. Woodman, S. Gasson

09:15 INTEGRATED LIBRARY SERVICES WITHIN THE WEB 2.0 CONTEXT: FROM THE DEVELOPMENT OF TOOLS FOR E-LEARNING TO OPEN ACCESS REPOSITORIES
V. Gullà, P. Lüperi

09:30 AN INTERDISCIPLINARY EDUCATIONAL ASSESSMENT RESEARCH AROUND THE SPECIFIC CONTRIBUTIONS AND DIDACTIC EXCELLENCE OF THE INTERACTIVE WHITEBOARDS USE IN THE ORDINARY CLASSROOM
M. Cortada, M. Badilla, J. Riera, J. Díaz

09:45 A NEW ETHOS FOR A MULTIPOLAR DESIGN LEARNING COMMUNITY A MECHANISM FOR THE DEVELOPMENT AND DIFFUSION OF TEACHING MATERIALS ON DESIGN FOR SUSTAINABILITY IN AN OPEN-SOURCE AND COPY LEFT ETHOS
F. Ceschin, C. Vezzoli

10:00 ONLINE ASSESSMENT: MAKE IT SIMPLE
M. Amaral

10:15 ICT SUPPORTIVE SCHOOLS AND DIGITAL COMPETENT STUDENTS: WHAT CAN SCHOOL LEADERS DO TO ENSURE THEIR SCHOOL IS FULFILLING THE DIGITAL COMPETENCE GOALS IN THE NATIONAL CURRICULUM?
O.E. Hatlevik, O. Berge, V. Kløvstad, G. Ottestad, J.H. Skaug
Technology-Enhanced Learning (1)
Session chair: Marina Milner-Bolotin. University of British Columbia (CANADA)

Tuesday, 9th of March

Room: Menorca

08:45 INQUIRY LEARNING IN UNDERGRADUATE MATHEMATICS AND SCIENCE USING DIGITAL TOOLS. PROJECT MIST - MATHEMATICS INTEGRATED WITH SCIENCE THROUGH TECHNOLOGY - AT LESLEY UNIVERSITY
J. O'Keefe

09:00 DIDACTIC SCENARIO'S FOR AN EFFECTIVE USE OF WEBLECTURES: A COLLABORATIVE RESEARCH PROJECT IN HIGHER AND UNIVERSITY EDUCATION TO MAXIMIZE THE USE OF WEBLECTURES AND ITS EFFECT ON LEARNING
N.G. Verliefde, A. Vermeyen, J. Van Den Bossche

09:15 THE PEDAGOGY OF PARTICIPATORY VIDEO
S. D'Alimonte

09:30 INVISIBLE TECHNOLOGY? SIMPLIFYING LECTURE RECORDING
S. Hanford

09:45 TEACHERS’ PLAYGROUND: ENHANCING TEACHER PROFESSIONAL DEVELOPMENT THROUGH THE USE OF TECHNOLOGY
M. Milner-Bolotin, T. Antimirova

10:00 SURVEY STUDY OF USING ICT IN TEACHING AMONG RESOURCE ROOMS TEACHERS IN AMMAN - JORDAN SCHOOLS
M. Al-Natour, H. Alkhamra, K. Ajlouni

10:15 THE USE OF LEARNING PILLS COMBINED WITH FLASHCARDS ON CHEMICAL ENGINEERING TEACHING
A. Sanchez, A. Cancela, R. Maceiras, S. Urréjola
Teacher and Pre-service Teacher Education Experiences
Session chair: Lynne Quartermaine. Curtin University of Technology (AUSTRALIA)

Tuesday, 9th of March

Room: Ibiza

08:45 THE EXPERIENCE IN RESEARCH IN ENGLISH PRESERVICE STUDENTS IN THE UNIVERSITY DISTRITAL OF BOGOTA (COLOMBIA)
A. Ramirez Valencia

09:00 NOT ONLY STUDENTS LEARN IN AN ONLINE ENVIRONMENT: THE LEARNING JOURNEY OF FOUR LECTURERS
S. O’Hare, L. Quartermaine, C. Hurst, A. Cooke

09:15 CREATING COMMON EXPECTATIONS: ESTABLISHING USEFUL AND PRACTICAL DEVELOPMENTAL EVALUATION TOOLS AND PROTOCOL FOR PRE-SERVICE EDUCATORS
J. Williams

09:30 AUTHORSHIP AND COMMUNITY: A BAKHTINIAN ANALYSIS OF WEB 2.0 COMMUNICATION AMONG PRE-SERVICE STUDENT TEACHERS
D. Burwell

09:45 A STUDY ON THE MIDDLE SCHOOL SCIENCE TEACHERS’ FREQUENCY OF OBSERVING EFFECTIVE TEACHER BEHAVIORS
S. Bayraktar, D. Çinar

10:00 E-LAB PLATFORM: PROMOTING STUDENTS INTEREST IN SCIENCE
S. Leal, J. Leal, H. Fernandes

10:15 PERCEPTIONS OF PRE-SERVICE TEACHERS TOWARD INSTRUCTIONAL STRATEGIES REGARDING ENGLISH LANGUAGE LEARNERS
Y.C. Lo, J.S. Goswami, K. Inoue
### Curriculum Design and Innovation

**Session chair:** Harald Wahl. University of Applied Sciences Technikum Wien (AUSTRIA)

**Tuesday, 9th of March**

**Room: Tabarca**

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<td>08:45</td>
<td><strong>EMPOWERING YOUTH VOICE IN THE “EDUCACIÓN PARA LA CIUDADANIA” CLASS IN SPAIN</strong></td>
<td>J.L. Alba, K. Owens, M.J. López Latorre, R. Bañuls Egeda</td>
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<td>09:00</td>
<td><strong>TRANSFERABLE SKILLS AND LIFELONG LEARNING</strong></td>
<td>G. Endrawes</td>
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<td>09:15</td>
<td><strong>TECMIX123: CURRICULUM DEVELOPED USING A MULTIPLE-INTEGRATION OF CROSS-STUDIES APPROACH FOR TECHNOLOGICAL LITERACY THROUGH STUDENT-CENTERED ANALYSIS OF AN ARTIFACT'S HUMAN INTERFACE AND SOCIAL IMPACT</strong></td>
<td>C. Blue</td>
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<td>09:30</td>
<td><strong>STRUCTURING ONLINE DISCUSSIONS TO PROMOTE MEANINGFUL EXCHANGES</strong></td>
<td>L. Grant, B. Frye</td>
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<td>09:45</td>
<td><strong>CONVERTING A TECHNICAL ORIENTED COURSE TO PROBLEM BASED LEARNING – A FIRST CONCEPTUAL COURSE DESIGN</strong></td>
<td>H. Wahl, C. Kaufmann, A. Mense</td>
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<td>10:00</td>
<td><strong>GERIATRIC SOCIAL WORK PRACTICE: A DISTANCE WEB-BASED GRADUATE COURSE</strong></td>
<td>P. Cunningham</td>
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<td>10:15</td>
<td><strong>THE PERSON-IN ENVIRONMENT CLASSIFICATION SYSTEM FOR SOCIAL FUNCTIONING PROBLEMS</strong></td>
<td>P. Cunningham</td>
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Foreign Languages: Experiences in Education  
Session chair: Kinuyo Shimizu. Rikkyo University (JAPAN)  
Tuesday, 9th of March  

Room: Formentera

08:45 INTERCULTURAL SENSITIVITY – DRIVER OF THE GLOBAL KNOWLEDGE ECONOMY  
M. Muresan, D. Radu, E. Gogu

09:00 APPLYING COGNITIVE LOAD THEORY IN THE DESIGN OF E-LEARNING MATERIALS FOR SECOND LANGUAGE SPEAKERS  
W. Hu, G.D. Chen

09:15 RAISING LEARNERS’ INTERCULTURAL COMMUNICATION SKILLS IN ENGLISH CLASSES  
K. Shimizu

09:30 EMBEDDING TECHNOLOGY IN LANGUAGE LEARNING: A NEW EXPERIENCE IN LANGUAGE LEARNING (STUDENTS’ RESPONSES TOWARD STUDYING ENGLISH BY UTILIZING ICT IN SAMPOERNA SCHOOL OF EDUCATION, JAKARTA, INDONESIA)  
V. Syamsi

09:45 WEBLOGS AND DISCUSSION FORUMS AS ALTERNATIVE TOOLS FOR CONSTRUCTING ON-LINE LEARNING COMMUNITIES  
I. Hernández, A. Marín

10:00 ENHANCING STYLISTIC DEVELOPMENT IN NON-NATIVE ENGLISH SPEAKING UNDERGRADUATES THROUGH QUANTITATIVE ANALYSIS  
D. Fredrick

10:15 ADAPTING TO CHANGE: A STUDY ON THE CROSS-CULTURE FLEXIBILITY OF EFL STUDENTS  
Y.L. Chen, G. Ching
Experiences in Education. New projects and innovations (2)
Session chair: Gerald Flynn. Dublin Institute of Technology (IRELAND)
Tuesday, 9th of March
Room: Mallorca

11:00 EXPERIENCES WITH USE OF WEB-BASED STUDENT RESPONSE SERVICES FOR IPOD TOUCH AND IPHONE

11:15 TOWARDS A MORE PRACTICAL TEACHING OF CRIMINAL PROCEDURAL LAW
A. Saiz Garitaonandia

11:30 CROSS - INSTITUTIONAL RELATIONSHIPS THAT WORK
J. Jones, A. Vanderbilt, D. Elam

11:45 THE EXPERIENCE IN POSTGRADUATE TRAINING PROGRAMS OF TEACHERS AT UNIVERSITY OF VERACRUZ: MEXICO – SPAIN CASE
E. Lopez-Fernandez, M. Acosta, E. Espinoza

12:00 THE USE OF ART, DESIGN AND TECHNOLOGY AS PRAXIS IN INDIGENOUS EDUCATION
S. Paterson, I. Edmondson

12:15 THE IMPACT OF ACADEMIC THEATRE ON UNIVERSITY LIFE AND CULTURE ON THE ARABIAN PENINSULA
A. Tassa

12:30 IS IT BECAUSE OF PARTNERS OR PARTNERSHIPS? AN INVESTIGATION INTO THE MAIN OBSTACLES OF DEVELOPING INTERNATIONAL PARTNERSHIPS IN FOUR UK UNIVERSITIES
R. Ayoubi

12:45 THE USE OF TECHNOLOGY AND ITS ROLE IN SUPPORTING LEARNING A SURVEY
N. G. Algoblan, I. A. Alkhayal

13:00 DIFFERENT TYPES OF STUDENT ASSESSMENT IN THE DISCIPLINE OF FINANCIAL MANAGEMENT
G. Flynn

13:15 INTERNATIONAL FACULTY STORIES: DIASPORIC EXPERIENCES IN THE WASHINGTON METROPOLITAN REGION
J. Hernandez-Fujigaki
# Technology-Enhanced Learning (2)

**Session chair: David Edelman. North Carolina State University (UNITED STATES)**

Tuesday, 9th of March  

Room: Menorca

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<td>VIRTUAL TEACHER PREPARATION: TRANSITIONING FROM ON-GROUND CLASSES TO ONLINE COURSES</td>
<td>B. Barrett</td>
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<td>11:15</td>
<td>FUTURESTORY - LEARNING WITH DIGITAL STORYTELLING</td>
<td>K. Kumpulainen, H. Mikkola, R.L. Korkeamäki, M. Pitkänen</td>
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<td>11:30</td>
<td>LEARNING EXPERIMENTAL SCIENCES LABORATORY SKILLS THROUGH LEARNING OBJECTS</td>
<td>A. Quesada, M.R. Ariza</td>
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<td>USE OF THE DUET SOFTWARE DEVELOPMENT SYSTEM FOR UNIVERSITY-WIDE WEB BASED APPLICATION DEVELOPMENT</td>
<td>D. Edelman, M. Bostrom</td>
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<td>LEARNING FROM MULTIPLE PERSPECTIVES IN MULTI-DISPLAY LEARNING SPACES</td>
<td>B. Bligh</td>
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<td>12:15</td>
<td>USING TECHNOLOGY FOR ENGLISH LANGUAGE LEARNING (U-TELL)</td>
<td>W.L. Lee</td>
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<td>12:30</td>
<td>BUSTING SHAKESPEARE: THE TEL WAY</td>
<td>S. Alderdice, S. Brodie</td>
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<td>12:45</td>
<td>SIMULATIONS VERSUS HANDS-ON PROJECTS’ EFFECT ON STUDENTS’ INCLINATIONS TOWARDS ENGINEERING AND TECHNOLOGY EDUCATION</td>
<td>S. Balawi, M. Al Jarrah</td>
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<td>13:00</td>
<td>HOW USE OF INFORMATION TECHNOLOGY LEADS TO BUSINESS PROCESS CHANGE WITH PERSPECTIVE OF EPC COMPANIES IN IRAN</td>
<td>M.H. Hosseini, M. Salahi</td>
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<td>13:15</td>
<td>IMPACT OF NEW TECHNOLOGY ON INTERIOR DESIGN EDUCATION AND ITS DELIVERY</td>
<td>V. Jani</td>
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International Projects
Session chair: Mary Ann Forgey. Fordham University (UNITED STATES)
Tuesday, 9th of March

11:00 OPENCAST, OPENCAST COMMUNITY, OPENCAST MATTERHORN AND THE COORDINATION WITH NATIONAL INITIATIVES – THE STEEPLE PROJECTS
S. Hanford, B. Hassler, O.A. Schulte

11:15 SKILL NEEDS ANALYSIS IN EUROPEAN MENTAL HEALTH CARE EDUCATION: INNOVATIONS AND CHALLENGES IN CURRICULUM DEVELOPMENT
M. Välimäki, C. Camuccio, V. Guise, A. Cocoman, H. Hätönen, L. Rocha, J. Vaitkuviene

11:30 ATTITUDES REGARDING E-LEARNING IN TRADITIONAL UNIVERSITIES: THE CASE OF THE BOLIVIAN UMSA
M. Guitert, A. Sangrá

11:45 THE ART MATERIALS INFORMATION AND EDUCATION NETWORK: THE DEVELOPMENT AND IMPLEMENTATION OF A UNIQUE ONLINE SERVICE FOR ARTISTS, ART HISTORIANS, CONSERVATORS AND CURATORS
M. Gottsegen

12:00 BUILDING A SUCCESSFUL TRANSATLANTIC COLLABORATION IN ENGINEERING/TECHNOLOGICAL EDUCATION; LESSONS FROM A SIX YEAR JOURNEY
D. McHale, M. McGrath, J. Lawlor, M. Dyrenfurth

12:15 INNOVATIVE TOOLS AND MODELS FOR VOCATIONAL EDUCATION AND TRAINING
J. Stav

12:30 GENERALIST SOCIAL WORK PRACTICE: AN INTERNATIONAL EDUCATION EXCHANGE INITIATIVE USING VIDEO CONFERENCING
M.A. Forgey, H. Loughran, J. Hansen

12:45 THE BULGARIAN CTMS HIGHER EDUCATION REFORM PROJECT - A SYSTEMS VIEW
M. Bonney, S. Ratchev, R. Blackwell
Curriculum Design and Innovation. Strategies, Principles and Challenges
Session chair: Karl Royle. University of Wolverhampton (UNITED KINGDOM)

Tuesday, 9th of March

Room: Tabarca

11:00 CONNECTING THE DISCONNECTED: DEVELOPING CREATIVE PEDAGOGIES THROUGH ACTION RESEARCH:- AN ACCOUNT OF NETBOOKS AND INDEPENDENT LEARNING DEVELOPMENT THROUGH TEACHER AGENCY IN TWO UK PRIMARY SCHOOLS
K. Royle

11:15 THE ARCHITECTURAL CURRICULUM RECONSIDERED FOR THE 21ST CENTURY
K. Sweet

11:30 EVALUATION OF BLOCK TEACHING IN POSTGRADUATE STUDIES
H. Ratnayake, A. Hartley

11:45 COMPUTERIZED STORYTELLING FOR DEVELOPING SITUATED LEARNING IN ART HISTORY
E. Pitri

12:00 HP GRANTS FOR TABLET TECHNOLOGIES IN SCIENCE TEACHING: FROM DREAM TO INNOVATION
M. Milner-Bolotin, T. Antimirova

12:15 EDGE-UCATING: A CHALLENGE TO EDUCATORS, RESEARCHERS, AND SOCIETAL DEVELOPERS TO DEMOCRATIZE INTELLECTUAL BREAKTHROUGHS
T. Fox

12:30 JUGGLING AND JOURNALISM EDUCATION: THE INTRODUCTION OF ONLINE JOURNALISM IN A CHANGING CURRICULUM
J. Smith

12:45 EFFECTIVE ONLINE COURSES USING DIFFERENTIATED INSTRUCTION: A MATTER OF STYLE AND DESIGN
J. Levine, G. Arome

13:00 IT IS JUST A MATTER OF “TIME”: CHALLENGES OF CHANGING SCHOOLS’ TIME STRUCTURE AND TEACHER’S TIME CONCEPTION IN A CONTEXT OF RADICAL CURRICULUM REFORM
W. Hu

13:15 GLOBALIZATION AND DESIGN EDUCATION: ARE WE THERE YET?
V. Jani
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<tr>
<td>11:00</td>
<td>LANGUAGE, CULTURE AND PEDAGOGY: A STUDENT TEACHER COURSE IN FRENCH</td>
<td>M. Rouxel-Cubberly</td>
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<td>11:15</td>
<td>PUPIL VOICE IN INTERNATIONAL INTERNET-BASED RESEARCH NETWORKS</td>
<td>A.B. Larsen</td>
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<td>11:30</td>
<td>USING STREAMING VIDEO WEBSITES (YOUTUBE) AS A TOOL FOR SELF AND PEER EVALUATION IN SECOND LANGUAGE LEARNING</td>
<td>S. MacIsaac</td>
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<td>11:45</td>
<td>APPLYING EFFECTIVE TOOLS FOR LEARNING ENGLISH WHILE DEVELOPING EXAM TAKING SKILLS FOR THE BEC HIGHER EXAMINATION</td>
<td>K. Eissner</td>
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<td>12:00</td>
<td>THE EFFECT OF TALKER VARIABILITY ON COMPREHENSION OF FOREIGN-ACCENTED ENGLISH: A COGNITIVE LOAD THEORY APPROACH</td>
<td>Y. Gao, R. Low, J. Sweller, P. Jin</td>
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<td>12:15</td>
<td>ICT USE AND ENGLISH AS A FOREIGN LANGUAGE TEACHERS’ TEACHING BELIEF IN TAIWAN</td>
<td>Y.L. Chen</td>
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<td>12:30</td>
<td>INNOVATION IN LANGUAGE TEACHING: LEARNING THROUGH PERFORMING ARTS</td>
<td>M. Bahloul</td>
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<td>12:45</td>
<td>EFFECTS OF LEXICAL COHESION AND MACRORULES ON EFL STUDENTS’ MAIN IDEA COMPREHENSION</td>
<td>S. Wilawan</td>
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<td>13:00</td>
<td>AN ACTION RESEARCH: HOW TO HELP B1 AND B2 LEVEL LANGUAGE LEARNERS TO FIGHT AGAINST C1 AND C2 LEVEL DEPARTMENTAL COURSES VIA GRAMMAR TRANSLATION</td>
<td>O.S. İnamlık</td>
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<td>13:15</td>
<td>EFFECTIVENESS OF ELT DISTANCE PROGRAMS: A CASE STUDY</td>
<td>N. Shariatmadari, S. Mahdi, M. Shariatmadari</td>
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**ORAL SESSIONS TUESDAY AFTERNOON**

**Experiences in Education**  
*Session chair: Penelope Bidgood. Kingston University (UNITED KINGDOM)*

*Tuesday, 9th of March*  
*Room: Mallorca*

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<td>14:45</td>
<td><strong>MEASUREMENT AND TRAINING ON-LINE OF EMOTIONAL INTELLIGENCE AND COMPETENCES, AND RELEVANT CRITERION AND SOCIO-DEMOGRAPHIC VARIABLES IN CAREER STARTERS</strong></td>
<td>V. Zammuner</td>
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<tr>
<td>15:00</td>
<td><strong>A STATISTICAL ANALYSIS OF FACTORS AFFECTING SUCCESS IN NATIONAL VOCATIONAL QUALIFICATIONS IN THE UK</strong></td>
<td>P. Bidgood, N. Saebi, S. May</td>
</tr>
<tr>
<td>15:15</td>
<td><strong>DEVELOPMENT OF MULTIDISCIPLINARY WORKSHOPS BETWEEN DIFFERENT SUBJECTS AS AN INNOVATIVE TEACHING METHODOLOGY FOR THE ACQUISITION OF PROFESSIONAL SKILLS OF THE FUTURE ARCHITECT</strong></td>
<td>B. Piedecausa García, C. Pérez Carramiñana, M. Mateo García</td>
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<tr>
<td>15:30</td>
<td><strong>IS “BEETHOVEN” ONLY THE NAME OF A DOG? MUSIC AND MUSIC LISTENING EDUCATION AS EDUCATION OF THE CITIZEN</strong></td>
<td>P. Somigli</td>
</tr>
<tr>
<td>15:45</td>
<td><strong>LITTLE GRUB READING KIT- BREAKING DOWN THE BARRIERS FOR VISUALLY IMPAIRED CHILDREN</strong></td>
<td>P. Morris</td>
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<tr>
<td>16:00</td>
<td><strong>ASSESSING COMPETENCES</strong></td>
<td>J. Juandó Bosch, M.L. Pérez Cabaní</td>
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<td>16:15</td>
<td><strong>A STUDY OF RELATIONSHIP BETWEEN COGNITIVE AND LEADERSHIP STYLE OF THE PRESIDENTS OF IRANIAN UNIVERSITIES AND INSTITUTIONS OF HIGHER EDUCATION</strong></td>
<td>N. Nourshahi</td>
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<td>16:30</td>
<td><strong>EXPLORING THE RELATIONSHIP BETWEEN DIGITAL COMPETENCE, PARTICIPATION IN WEB 2.0 COMMUNITIES, THE USE OF LEARNING MANAGEMENT SYSTEM, ACADEMIC PERFORMANCE AND FAMILY BACKGROUND</strong></td>
<td>O.E. Hatlevik, O. Berge, V. Kløvstad, J. H. Skaug</td>
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Technological Issues in Education
Session chair: Giuseppe Fiorentino. Università di Pisa (ITALY)

Tuesday, 9th of March

Room: Menorca

14:45 3 TECHNOLOGY USE MODES: STUDENTS TRANSCEND FROM PASSIVE TO ACTIVE
S. Arnold, M. Moshchenko

15:00 A NOVEL CONTROL ENGINEERING TRAINER FOR MOVING THE EXPERIMENTAL WORK FROM THE LABORATORY TO THE STUDENT’S HOME
J. Becedas, E. Pereira, P. Hungría, V. Feliu

15:15 POSSIBLE IMPACTS OF THE NEW POPULARITY OF E-BOOKS ON HIGHER EDUCATION
S. Carliner

15:30 LEARNING BY RESULT-DRIVEN PROBLEM-SOLVING. A GENERAL APPROACH TO COMPUTER-AIDED PROBLEM-SOLVING AND ASSESSMENT
G. Fiorentino, A. Fabrizio, G. Pacini

15:45 A FORMAL MODEL AND SUPPORT SYSTEM FOR THE CONTINUOUS EVALUATION OF COMPETENCES
T. Alsinet, D. Barroso, R. Béjar

16:00 AN AUTHENTICATION BROKER FOR VIRTUAL LABORATORIES
R. Malta, J. Faisca, J. Quintino Rogado

16:15 ACADEMIC PERFORMANCE OF ENGINEERING DRAWING N2 STUDENTS OF EKURHULENI WEST COLLEGE (EW) IN 2003
S. Sammy, S. Dumazi Khoza

16:30 MACHINE TRANSLATION ENHANCES PROFESSIONALIZATION & COMPUTER LITERACY
A. Motamadi, A. Dehghani
### Barriers to Learning & Diversity Issues in Education

**Session chair:** Oscar Porter. *University of California (UNITED STATES)*

Tuesday, 9th of March

Room: Ibiza

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<tr>
<td>14:45</td>
<td><strong>DODGING THE BULLET OF IMPORTED TEXTBOOKS: USING STUDENT ESSAYS AS MODELS FOR STUDENT WRITERS</strong></td>
<td>C. Horger</td>
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<td>15:00</td>
<td><strong>RED DE OPORTUNIDADES: CONDITIONAL CASH TRANSFER EVIDENCE FROM PANAMA</strong></td>
<td>I. Arraiz, S. Rozo</td>
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<td>15:15</td>
<td><strong>HIV / AIDS IMPACT ON STUDENT LIFE</strong></td>
<td>D. Ionescu</td>
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<td>15:30</td>
<td><strong>STRATEGY FOR ENGINEERING EDUCATION OF WOMEN IN SOUTH AFRICAN UNDER-PRIVILEGED COMMUNITIES</strong></td>
<td>D. Ionescu</td>
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<td>16:00</td>
<td><strong>IMPROVING ACCESS: DETERMINING THE EFFECTIVE PARAMETERS OF ACADEMIC OUTREACH PROGRAMS IN STEM EDUCATION</strong></td>
<td>O. Porter, D. Bell</td>
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<td>16:15</td>
<td><strong>A QUALITATIVE ANALYSIS OF THE EXPERIENCES OF LATINO ADULT WOMEN ON TECHNOLOGY</strong></td>
<td>C. Hernandez, O. Hernandez</td>
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New Experiences for Curriculum Design
Session chair: Insook Choi. City University of New York (UNITED STATES)

Tuesday, 9th of March

Room: Tabarca

14:45 AN INTERDISCIPLINARY FOUNDATIONS CURRICULUM FOR MEDIA, COMPUTING AND ENGINEERING TECHNOLOGIES
I. Choi, R. Bargar

15:00 IT ARCHITECTURE FOR MANAGEMENT STUDENTS
C. Doom

15:15 THE 21ST CENTURY STUDENT: EVALUATING NEW TECHNOLOGY EDUCATION CURRICULUM AND STUDENTS’ ACCESS TO COMMUNICATION TECHNOLOGIES OUTSIDE CLASSROOM; ANALYSIS ON STUDENT CONTENT KNOWLEDGE AT PRETEST LEVEL
C. Blue

15:30 THE USE OF TECHNOLOGY IN TRAINING THE ACTOR
S. Padveen

15:45 CURRICULUM INNOVATIONS IN A HYBRID ONLINE FORMAT
P. Liu, D. Sorsa

16:00 LINKDESC: A SOFTWARE TOOL FOR ESTABLISHING RELATIONSHIP BETWEEN LEARNING OUTCOMES AND ELP DESCRIPTORS
J. Nikolic, D. Little, LJ. Markovic, J. Protic, D. Ristanovic

16:15 VIRTUAL AND PHYSICAL MODELING: A CURRICULAR DESIGN FOR AT-RISK STUDENTS IN CAREER AND TECHNICAL EDUCATION
J. Ernst, A. Clark

16:30 COMPUTATIONAL MODELING: PROJECTS AND INNOVATIONS FOR TECHNOLOGY EDUCATION
A. Clark, J. Ernst
## Health Sciences: Experiences and Pedagogical & Didactical Innovations

*Session chair: Mari Lahti. University of Turku (FINLAND)*

*Room: Formentera*

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<tr>
<td>14:45</td>
<td><strong>E-LEARNING AND MENTAL HEALTH VOCATIONAL CONTINUING TRAINING IN EUROPE</strong></td>
<td>M. Lahti, M. Välimäki, A. Scott, V. Staniuliene, R. Zannotti, M. Rebelo Botelho, M. Chambers</td>
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<td>15:00</td>
<td><strong>COLLABORATIVE PROJECT-ORIENTED ONLINE TRAINING EXPERIENCE FROM THE SPANISH MINISTRY OF HEALTH</strong></td>
<td>M. Recio, Y. Agra, D. Rodríguez, A. Hernández, P. Fernández-Quero, B. Martín</td>
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<td>15:15</td>
<td><strong>USING DISCUSSION BOARDS, PODCASTING AND VOICETHREAD IN UNDERGRADUATE NURSING COURSES</strong></td>
<td>J. Aponte</td>
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<td>15:45</td>
<td><strong>AN ONLINE INDUCTION PROGRAMME: PREPARING DIVERSE STUDENTS FOR AN ONLINE MASTERS DEGREE</strong></td>
<td>S. Harrison</td>
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<td>16:00</td>
<td><strong>DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF INNOVATIVE ELECTRONIC TEACHING PORTFOLIOS FOR NURSE EDUCATOR STUDENTS</strong></td>
<td>K. Flaherty</td>
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<td>16:30</td>
<td><strong>THE DEVELOPMENT OF CLINICAL PRACTICE GUIDELINE FOR PATIENTS ON TRACHEOTOMY TUBE</strong></td>
<td>I. Yuannan, K. Klinhorm, S. Boonpoon, W. Madee, S. Thongsai</td>
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New Trends in the Higher Education Area

Session chair: Sylvia Daniels. Columbia College Chicago (UNITED STATES)

Tuesday, 9th of March

Room: Mallorca

17:15 FOSTERING TEACHING STAFF’S ENGAGEMENT IN CONTINUOUS ASSESSMENT
R. Ruiz-Callado, J.L. Nicolau González

17:30 A STRATEGY TO DEAL WITH ECTS METHODOLOGY IN LARGE GROUPS: STUDENT CROSSED EVALUATION AND SELF-RECORDING
A. Diaz

17:45 DIGITAL FORENSICS: DEVELOPMENT AND IMPLEMENTATION OF AN INTERDISCIPLINARY AND HYBRID FORM (ONLINE/ON-CAMPUS) MASTER’S DEGREE GRADUATE PROGRAM
A. Rieger, S. Kovács

18:00 THE PROFILE OF THE MUSIC TEACHER WITHIN THE EUROPEAN HIGHER EDUCATION AREA: IS A COMPETENCE-BASED APPROACH ENOUGH? (PRELIMINARY RESULTS)
C. Carrillo, M. Vilar

18:15 THE PROFESSIONAL ORIENTATION OF SOFTWARE ENGINEERING

18:30 TOWARDS THE DESIGN AND DEVELOPMENT OF A MODEL IN DISTANCE EDUCATION: THE CASE OF THE UNIVERSITY OF QUINTANA ROO, MEXICO
M.I. Hernández, A. Lagunes

18:45 THE RADIO WORKSHOP: SERVICE LEARNING AND THE MEDIA
S. Daniels

19:00 AN ECTS EXPERIENCE IN SOPHOMORE PROGRAMMING COURSES IN THE UNIVERSITY OF MÁLAGA
C. Cotta
Research on Technology in Education
Session chair: Katie Goeman. Hogeschool-Universiteit Brussel (BELGIUM)

Tuesday, 9th of March

17:15 A GO-KART-SIZED RESEARCH CAR AS A TEACHING AND MOTIVATION TOOL FOR STUDENTS
   B. Hoess, C. Tiemann

17:30 FUTURESTEP – ENHANCING CHILDREN’S WELLBEING BY USING ACTIVITY MONITORS IN FORMAL AND
   INFORMAL CONTEXTS
   H. Mikkola, K. Kumpulainen, M. Pitkänen, R.L. Korkeamäki, M. Hytönen

17:45 BIOLOGY PRE-SERVICE TEACHERS’ MOTIVATION TOWARDS TECHNOLOGY INTEGRATION IN EDUCATION
   S. Perkmen, G. Çetin

18:00 E-LEARNING SUCCESS: AN ANALYSIS OF DETERMINANTS OF SUCCESS FROM MULTIPLE PERSPECTIVES
   K. Goeman

18:15 COMPETENCY MODELING SPECIFICATIONS
   E. Shoikova, V. Denishev

18:30 IMPACT OF ACCOUNTING SOFTWARE UTILIZATION ON STUDENTS’ PERFORMANCE: LITERATURE
   REVIEW AND RESEARCH HYPOTHESES
   E. Boulianne

18:45 ELECTRONIC PORTFOLIOS IN FOREIGN LANGUAGE LEARNING: CREATING A MOTIVATING WRITING
   CONTEXT IN AN EFL ELEMENTARY CLASS VIA STUDENT WEBFOLIOS
   O.S. İnamlık
General Issues. Education and Globalization  
Session chair: William Eirik Heintz. American University of Sharjah (UNITED ARAB EMIRATES)  
Tuesday, 9th of March  
Room: Ibiza

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<td>EXPLORING AMISH CULTURE: THE IMPACT OF A FIRST SEMESTER PROGRAM FOR COLLEGE STUDENTS</td>
<td>T. Hornberger, A. Hassman</td>
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<td>17:30</td>
<td>THE CHALLENGE OF GLOBALIZATION CHANGES IN EDUCATION: POLICY AND PRACTICE IN THE GULF STATES</td>
<td>D. Bouhmama</td>
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<td>17:45</td>
<td>INTERNATIONAL SERVICE AND LEARNING: A PERSPECTIVE OF SCHEMA ADJUSTMENT</td>
<td>W.W. Chang, Y. F. Huang, Y. H. Yuan</td>
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<td>18:00</td>
<td>THE O MISSION, STD'S AND BRANDED ENTERTAINMENT</td>
<td>M. Fry</td>
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<td>18:15</td>
<td>WEB BLOGS AS INFORMATION SOURCE FOR SAUDI EDUCATORS</td>
<td>M. Alsuraihi</td>
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<td>18:30</td>
<td>THE NEW GLOBAL CAMPUS</td>
<td>E. Heintz</td>
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<td>18:45</td>
<td>MOMENTS OF CONTEMPORARY BUILDING, THAT IS THE ARCHITECTURE OF DISSONANCES</td>
<td>E. Faroldi</td>
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<td>19:00</td>
<td>VIRTUAL JUSTICE: A PROPOSAL TO REFORM LEGAL EDUCATION IN THE POST-LITERATE AGE</td>
<td>C. Lepow</td>
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### Research in Education

**Session chair: Michael Steiner. University of Graz / Joanneum Research (AUSTRIA)**

*Tuesday, 9th of March*

**Room: Tabarca**

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<td><strong>Comparing performance of universities – a multi-dimensional input-output approach</strong></td>
<td>M. Steiner, A. Niederl, M. Ploder</td>
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<td>17:30</td>
<td><strong>Education by research</strong></td>
<td>R. Vârbănescu, D. Popescu, A. Avram, A. Iordan</td>
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<td>17:45</td>
<td><strong>Teachers’ attitudes toward nature of science and background specialization: science teachers equal art teachers</strong></td>
<td>A. Vázquez Alonso, M.A. Manassero Mas, A. Bennàssar-Roig, A. García-Carmona</td>
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<td>18:00</td>
<td><strong>Gender differences on young students’ attitudes toward nature of science and technology issues</strong></td>
<td>M.A. Manassero Mas, A. Vázquez Alonso, A. Bennàssar-Roig, A. García-Carmona</td>
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<td>18:15</td>
<td><strong>Ubiquitous services for future university</strong></td>
<td>G. Matas Miraz, P. Castro Garrido, F.M. Borrego Jaraba, I. Luque Ruiz, M.A. Gómez Nieto</td>
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<td>18:30</td>
<td><strong>Mathematics education freshmen perception on mathematics and mathematics teacher</strong></td>
<td>Z.A. Koemadji</td>
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<td>18:45</td>
<td><strong>School knowledge of botany in textbooks of natural sciences in Portugal. Analysis of its curricular statute in primary school education (1900-2000)</strong></td>
<td>F. Guimarães</td>
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<td>19:00</td>
<td><strong>An application of the “seven steps” in implementing multicultural education in preschool and kindergarten</strong></td>
<td>K. Nowak-Fabrykowski</td>
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### General Issues. Education & Development

**Session chair: Richa Malhotra. University of Delhi (INDIA)**

**Tuesday, 9th of March**

**Room: Formentera**

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<td><strong>EDUCATIONAL CHALLENGES: GLOBAL FRAMEWORKS AND EVERYDAY SPACES</strong></td>
<td>B.T. Schröttner</td>
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<td>17:30</td>
<td><strong>EDUCATIONAL IMPROVEMENTS AND THEIR IMPACT ON INDIA’S FUTURE DEVELOPMENT</strong></td>
<td>B.T. Schröttner</td>
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<td>17:45</td>
<td><strong>EDUCATION AND MUSLIM IDENTITY FORMATION IN CENTRAL PROVINCES AND BERAR, 1854-1940</strong></td>
<td>R. Malhotra</td>
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<td>18:00</td>
<td><strong>INDIE AUTHORSHIP: BYPASSING TRADITIONAL MODELS OF PUBLICATION AND USING WEB RESOURCES</strong></td>
<td>B. Gatenby</td>
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<td>18:15</td>
<td><strong>THE VALIDITY OF MYERS-BRIGGS TYPE INDICATOR: STUDENTS NATURAL PREFERENCES AND ACADEMIC PERFORMANCE AT DAMASCUS UNIVERSITY FACULTIES</strong></td>
<td>R. Ayoubi, B. Al-Estwani</td>
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POSTER SESSIONS TUESDAY MORNING
Poster Session1. Experiences in Education and Research & International Projects

Tuesday, 9th of March
Room: Poster Room

- (IN) SATISFACTION WITH BODY IMAGE AND SOCIAL SUPPORT ON ADOLESCENTS: ANALYSIS AFTER INTERVENTION
  P. Nelas, C. Fernandes, M. Ferreira, J. Duarte

- A REAL EXPERIENCE. IMPROVEMENTS AND RESULTS OF THE DEGREE OF LABOR SCIENCE IN THE VIRTUAL MODALITY WITHIN HUELVA UNIVERSITY. HISTORICAL RANGE AND EVOLUTION
  M. Ortega Moreno, L. Perez Medina, F. Hernandez Mateo, D. Carrion Rico, A. Infante Moro

- AN EXPERIENCE ABOUT INTERIOR DESIGN STUDIO COURSE: EVALUATING THE LECTURER
  D. Sipahioglu

- ASSESSMENT MATTERS
  O. O’ Reilly, D. Lehwaldt, C. Mc Gonagle

- COMPARISON OF EFFECTIVENESS OF THE THREE METHODS OF BRAINSTORMING, SYNECTICS AND DEDUCTIVE ON INCREASING CREATIVE THOUGHT IN FEMALE STUDENTS
  M. Madahi, J. Khalatbari

- EUROPEAN CREDIT TRANSFER SYSTEM ENABLING STUDENT EXCHANGE BETWEEN RUSSIAN AND (WESTERN) EUROPEAN UNIVERSITIES. BORCH SOUP À LA BOLOGNAISE
  W. De Bruyn, G. Baekelandt, D. Borodin

- GOING BEYOND CULTURAL AND LANGUAGE BARRIERS: A BINATIONAL CURRICULUM TO LEARN AND APPLY LEARNING INTO ACTION IN HIV/AIDS PREVENTION IN THE NORTHWEST MEXICO BORDER
  A. Vargas-Ojeda, J. Burgos, A. Valles-Medina, G. Rangel, D. Salas-Vargas, S. Brodine, S. Strathdee

- HOW TO PROMOTE THE CRITICAL AND SELF-CRITICAL CAPACITY OF STUDENTS FROM DIFFERENT DEGREES AT UNIVERSITY OF BARCELONA
  J. Galimany Masclans, A.B. Fernández, M. Prats, L. Cruz, J.M. Batista, O. Núñez
• **HUMAN RIGHTS AS A BASIS FOR INTERNATIONAL COMMUNITY ENGAGEMENT**  
  *N.J. Bothne*

• **LIMITING THE EFFECTS OF THE MEDIA ON BODY IMAGE AND EATING ATTITUDES OF WOMEN PRESERVICE ELEMENTARY TEACHERS: A PILOT STUDY WITH NEW TECHNOLOGIES**  
  *E. Llorente, L. Pérez de Eulate*

• **MOODLE AND MULTIPLE-CHOICE TESTS**  
  *L. Babo, J. Azevedo, C. Torres, A. Lopes*

• **MOTIVATION OF AUTONOMY IN STUDENT WORK: STRATEGIES FOR USE IN THE SUBJECT “DEGRADATION OF POLYMERS”**  
  *R. Bouza, B. Montero, M. Rico, A. Ares*

• **MULTIPLE-CHOICE TESTS - A TOOL IN THE ASSESSING KNOWLEDGE**  
  *A. Lopes, L. Babo, J. Azevedo, C. Torres*

• **NEW APPROACHES TO EVALUATION OF TEACHING-LEARNING OF MEDICAL SKILLS IN PSYCHIATRY**  
  *A. Ortiz, M. Gutiérrez*

• **PERSONALIZED LEARNING ON THE MOODLE PLATFORM USING THE CICEI CONDITIONALS: SUPPORT COURSE IN MATHEMATICS**  
  *J. Castelló, D. Lerís, V. Martínez, M.L. Sein-Echaluce*

• **POSITIVE EFFECTS OF PROJECT LESSONS WHICH SELLECTS THE COMPETITIONS AS A SUBJECT, FOR INCREASING THE MOTIVATION IN GRAPHIC DESIGN EDUCATION AND ITS RESULTS**  
  *M. Asicioglu*

• **PRACTICAL TYPOGRAPHY RULES WITH EXAMPLES FOR GRAPHIC DESIGN STUDENTS**  
  *C. Yildiz*

• **PRE – TEACH DIRECT VOCABULARY FOR ICT LESSON**  
  *H. Hassan*

• **REUTILIZATION OF A DOMESTIC BOILER TO BURN PROPANE-AIR MIXTURE WITH ENGINEERING EDUCATION PURPOSES**  
  *F. Cerdeira, M.E. Vázquez Alfaya, E. Álvarez, F.J. Amores Martínez*
• SEX EDUCATION IN SCHOOL CONTEXT: A CONTRIBUTION  
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