International Technology, Education and Development Conference
VALENCIA (SPAIN) 9TH-11TH MARCH, 2009

conference programme

International Technology, Education and Development Conference
VALENCIA (SPAIN) 9TH-11TH MARCH, 2009

INTED 2009
WELCOME INTRODUCTION

Dear INTED 2009 attendants,

After a long year organising this event, it is a pleasure to welcome you to this third annual edition of INTED2009 (International Technology, Education and Development Conference).

The main goal of this event is to give an opportunity for us to learn from each other, to discover new trends in education, to collaborate on new innovative projects providing you with an opportunity to exchange and share your ideas with colleagues from other cultures and countries.

INTED2009 counts with the presence of delegates from 5 continents and 60 countries representing more than 100 institutions. This multicultural experience ensures the richness of contributions and creates a unique occasion to exchange your ideas and meet other colleagues.

In addition to your professional experience, we hope you will also have the opportunity to visit the city of Valencia and enjoy its places of interest, typical gastronomy and people. We hope that during your stay, you feel like at home.

Thank you very much for coming to INTED2009 and for contributing to improve Education, Technology and Development. We hope you have a good time with us!

INTED 2009 Organising Committee
Valencia, Spain
MONDAY, 9th MARCH 2009

08:00-09:00 Registration Desk
09:00-09:45 Welcome Speech (Room Jardin)
09:45-10:15 Coffee Break (Room Valencia)
10:15-12:00 Parallel Sessions / Morning Poster Session
12:15-13:30 Round Tables / Morning Poster Session
13:30-14:45 Lunch Cocktail (Room Jardin and Valencia)
14:45-16:45 Parallel Sessions / Afternoon Poster Session
16:45-17:15 Coffee Break (Room Valencia)
17:15-19:00 Parallel Sessions / Afternoon Poster Session

TUESDAY, 10th MARCH 2009

09:00-10:30 Parallel Sessions / Morning Poster Session
10:30-11:00 Coffee Break (Room Valencia)
11:00-13:30 Parallel Sessions / Morning Poster Session
13:30-14:45 Lunch Cocktail (Room Jardin and Valencia)
14:45-16:45 Parallel Sessions / Afternoon Poster Session
16:45-17:15 Coffee Break (Room Valencia)
17:15-19:00 Parallel Sessions / Afternoon Poster Session
19:00-20:00 Closing Honour Wine (Room Jardin)

WEDNESDAY, 11th MARCH 2009

Optional sightseeing tour to Valencia (Information at the reception desk)
# OVERVIEW: MONDAY, 9th MARCH 2009

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<th>Time</th>
<th>Room: Mallorca</th>
<th>Room: Menorca</th>
<th>Room: Ibiza</th>
<th>Room: Tabarca</th>
<th>Room: Formentera</th>
<th>Room: Poster Room</th>
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<tbody>
<tr>
<td>08:00</td>
<td>Registration</td>
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<td>10:00</td>
<td>Enhancing Learning and the Undergraduate Experience (1) 10:15 - 12:00</td>
<td>Technological Issues: E-Learning &amp; Blended Learning 10:15 - 12:00</td>
<td>Experiences in Education: Transferring Disciplines &amp; Competence Evaluation 10:15 - 12:00</td>
<td>Curriculum Design and Innovation (1) 10:15 - 12:00</td>
<td>University-Industry Collaboration 10:15 - 12:00</td>
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<td>12:30</td>
<td>Lunch Cocktail (Room Jardin + Valencia) 13:30 - 14:45</td>
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<td>15:00</td>
<td>Enhancing Learning and the Undergraduate Experience (2) 14:45 - 16:45</td>
<td>VLEs and Blended Learning 14:45 - 16:45</td>
<td>Experiences in Education: New Projects and Innovations (1) 14:45 - 16:45</td>
<td>Curriculum Design and Innovation (2) 14:45 - 16:45</td>
<td>International Projects (1) 14:45 - 16:45</td>
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<td>Coffee Break (Room Valencia) 16:45 - 17:15</td>
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<td>17:00</td>
<td>Enhancing Learning and the Undergraduate Experience (3) 17:15 - 19:00</td>
<td>New Technologies Applications into Classroom 17:15 - 19:00</td>
<td>Experiences in Education: New Projects and Innovations (2) 17:15 - 19:00</td>
<td>Curriculum Design and Innovation (3) 17:15 - 19:00</td>
<td>International Projects (2) 17:15 - 19:00</td>
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### Registration
08:00 - 09:00

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

### Lunch Cocktail (Room Jardin + Valencia)
13:30 - 14:45

### Poster Session 1
New Projects and Innovations & Global Issues
10:15 - 13:30

### Poster Session 2
Experiences in Education & European Higher Education Area
14:45 - 19:00

### Round Table 1
Experiences in Education: Teaching Skills for the 21st Century
12:15 - 13:30

### Round Table 2
Application of ICT in Education: Experiences and Best Practice
12:15 - 13:30

### Round Table 3
Meeting the needs of the Labour Market: Curriculum Design and University-Industry Collaboration
12:15 - 13:30
OVERVIEW: TUESDAY, 10th MARCH 2009

08:00 - 12:00

- **Room: Mallorca**
  - Barriers to Learning & Diversity Issues
  - 09:00 - 09:30

- **Room: Menorca**
  - Experiences in Education & Research: Mathematics & Statistics
  - 09:00 - 09:30

- **Room: Ibiza**
  - Research in Education (1)
  - 09:00 - 09:30

- **Room: Tabarca**
  - European Higher Education Area (1)
  - 09:00 - 09:30

- **Room: Formentera**
  - Experiences in Education & Research: Life Sciences
  - 09:00 - 09:30

10:30 - 12:00

- **Room: Mallorca**
  - Pedagogical & Didactical Innovations: New Learning and Teaching Models & Methodologies
  - 11:00 - 11:30

- **Room: Menorca**
  - Emerging Technologies: Internet Based Technologies
  - 11:00 - 11:30

- **Room: Ibiza**
  - Research in Education (2)
  - 11:00 - 11:30

- **Room: Tabarca**
  - European Higher Education Area (2)
  - 11:00 - 11:30

- **Room: Formentera**
  - Pedagogical Innovations in Foreign Languages Learning
  - 11:00 - 11:30

12:30 - 14:00

- **Room: Mallorca**
  - Pedagogical & Didactical Innovations
  - 14:00 - 14:30

- **Room: Menorca**
  - Educational Software & Serious Games
  - 14:00 - 14:30

- **Room: Ibiza**
  - Research in Education: Academic Research Projects
  - 14:00 - 14:30

- **Room: Tabarca**
  - Quality Assurance in Education
  - 14:00 - 14:30

- **Room: Formentera**
  - Experiences in Education: Architecture
  - 14:00 - 14:30

14:30 - 16:00

- **Room: Mallorca**
  - Pedagogical & Didactical Innovations
  - 15:00 - 15:30

- **Room: Menorca**
  - Educational Software & Serious Games
  - 15:00 - 15:30

- **Room: Ibiza**
  - Research in Education: Academic Research Projects
  - 15:00 - 15:30

- **Room: Tabarca**
  - Quality Assurance in Education
  - 15:00 - 15:30

- **Room: Formentera**
  - Experiences in Education: Architecture
  - 15:00 - 15:30

16:00 - 18:00

- **Room: Mallorca**
  - Knowledge Management
  - 16:30 - 17:00

- **Room: Menorca**
  - Psychology & Sociology in Education
  - 16:30 - 17:00

- **Room: Ibiza**
  - Education and Globalization
  - 16:30 - 17:00

- **Room: Tabarca**
  - General Issues: Education, Research & Development
  - 16:30 - 17:00

- **Room: Formentera**
  - Organizational, Legal and Financial Issues in Education
  - 16:30 - 17:00

18:00 - 20:00

- **Room: Mallorca**
  - Closing Honour Wine (Room Jardin)
  - 18:00 - 20:00

- **Room: Menorca**
  - Poster Session 1. New Technologies applied to Education
  - 18:00 - 20:00

- **Room: Ibiza**
  - Poster Session 2. Research & International Projects & University-Industry Collaboration
  - 18:00 - 20:00
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<td>Experiences in Education: Architecture</td>
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<td>Education and Globalization</td>
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<td>General Issues: Education, Research &amp; Development</td>
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OPENING SESSION

Monday, 9 of March

9:00-9:45 Welcome Speech

Sr. D. Emilio del Toro Gálvez
Concejal Delegado de Educación y Universidad Popular
Ayuntamiento de Valencia.

Ilma. Sra. María Amparo Camarero Olivas
Secretaria Autonómica de Universidad y Ciencia
Conselleria de Educación. Generalitat Valenciana

Sr. D. Antonio García Ricós
Member of INTED2009 Organising Committee

9:45-10:15 Coffee Break
ORAL SESSIONS MONDAY MORNING
Enhancing Learning and the Undergraduate Experience (1)
Session chair: Shelly Norris. University of Wyoming (UNITED STATES)

Monday, 9 of March

Room: Mallorca

10:15 RUSSIA AND THE UNITED STATES: CROSS-CULTURAL COLLABORATION
S. Norris

10:30 THE USE OF MAILING LISTS ON THE INTERNET AS A COLLABORATIVE LEARNING VEHICLE IN A MARKETING CLASS IN JAPAN
T. Kimura

10:45 HEROES: TEXT AND HYPERTEXT: A MULTIMEDIA LEARNING EXPERIENCE
C. Griffin, O. Murphy

11:00 QUALITY ASSURANCE IN SOUTH AFRICAN HIGHER EDUCATION: WITH SPECIFIC REFERENCE TO WALTER SISULU UNIVERSITY (WSU) – EASTERN CAPE
A. Moodly, I. Saunderson

11:15 ENHANCING TEACHING EFFICACY BELIEFS AND ABILITY TO NOTICE OF PRESERVICE HIGH SCHOOL MATHEMATICS TEACHERS THROUGH A VIDEO CLUB
O. Alsawaie

11:30 MOTIVATION AND ATTENTION AMONG STUDENTS. SUCCESS CASES AND ACCUMULATED EXPERIENCES
A. Ruiz, T. Martinez

11:45 THE IMPACT OF EXTRINSIC FACTORS ON THE SUCCESS OF GROUP-BASED ASSIGNMENTS IN UNDERGRADUATE COURSES
G. Stock
# Technological Issues: E-Learning & Blended Learning

**Session chair: Cristina De Castro. IELIT-Italian National Research Council**

**Monday, 9 of March**

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<tr>
<th>Time</th>
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<tr>
<td>10:15</td>
<td>HUMAN CAPITAL AND E-LEARNING. DEVELOPING KNOWLEDGE THROUGH VIRTUAL NETWORKS</td>
<td>M.E. Fabra, B. Forés</td>
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<tr>
<td>10:30</td>
<td>E-PBLEARNING: AN E-LEARNING FRAMEWORK USING PBL.</td>
<td>M. Samaka, S. Badr, N. Hadjazi, M. Al Abidi</td>
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<td>10:45</td>
<td>AN E/M-LEARNING ARCHITECTURE BASED ON ALTERNATIVE STUDYING PATHS</td>
<td>C. De Castro</td>
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<td>11:00</td>
<td>E-LEARNING @ ENTREPRENEURSHIP NEW HORIZONS IN BUSINESS MANAGEMENT</td>
<td>A. Kumar, S. Rajpal, A. Mittal</td>
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<td>11:15</td>
<td>A QUALITATIVE STUDY ON EFFICIENT WEB-BOARD USE AS INTERACTIVE ASSESSMENT TOOL: A CASE STUDY OF EFL GRADUATE COURSE IN KOREA</td>
<td>S. Jeong, W. Jang</td>
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<td>11:30</td>
<td>IMPLEMENTATION OF FEEDBACK MECHANISMS IN LEARNING SETTINGS USING A VIRTUAL COMMUNITY SYSTEM</td>
<td>L. Colazzo, A. Comai, F. Davi`, A. Molinari, N. Villa</td>
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Experiences in Education: Transferring Disciplines & Competence Evaluation
Session chair: Richard Selby. Czech University of Life Sciences (CZECH REPUBLIC)

Monday, 9 of March

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<tr>
<td>10:15</td>
<td>APPLIED COMPETENCE EVALUATION ; EFFICIENT ASSESSMENT TOOLS FOR AN OUTCOME-BASED APPROACH</td>
<td>N. Faucher, F. Vasseur</td>
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<td>10:30</td>
<td>PROBLEMS OF ASSESSING LEARNING USING SIMULATIONS AND GAMES</td>
<td>D. Scott, S. Al-jibouri, G. Long, M. Mawdesley</td>
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<td>11:00</td>
<td>IMPLICATIONS OF PHILOSOPHY FOR ENGINEERING AND ENGINEERING TECHNOLOGY BACHELORS PROGRAMS</td>
<td>M. Dyrenfurth, M. Murphy, W. Grimson</td>
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<td>11:15</td>
<td>INTERCULTURAL TEACHING</td>
<td>R. Selby</td>
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<td>CHEMISTRY, THE HEALTHY INGREDIENT</td>
<td>C. Butchosa, A. Baltasar, S. Simon</td>
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<td>11:45</td>
<td>A WEB-BASED E-LEARNING TOOL FOR THEORETICAL COMPUTER SCIENCE</td>
<td>E. del Acebo, I. Boada, J. Poch, F. Prados, J. Soler</td>
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<td>12:00</td>
<td>AN IMAGINATIVE STORY AS A FACTOR OF ENGAGEMENT WITH AN EDUCATIONAL SITUATION AND AS A MEDIUM OF STIMULATION FOR CHILDREN'S CREATIVE IMAGINATION</td>
<td>M. Al-Ali</td>
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# Curriculum Design and Innovation (1)

**Session chair: Nicolas Pallikarakis. University of Patras (GREECE)**

*Monday, 9 of March*  

**Room: Tabarca**

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<td>10:15</td>
<td>CHANGES IN GLOBAL FOREST PRODUCTS INDUSTRY REQUIRE ACADEMIC CURRICULUM DEVELOPMENT</td>
<td>L. Hauhio, P. Lahti</td>
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<td>10:45</td>
<td>HARMONIZING THE CURRICULA OF BIOMEDICAL ENGINEERING PROGRAMS IN EUROPE: THE TEMPUS CRH-BME PROJECT</td>
<td>N. Pallikarakakis, Z. Bliznakov</td>
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<td>11:00</td>
<td>TECHNICAL MANAGERS’ BODY OF KNOWLEDGE AND GRADUATE PROGRAMS’ CURRICULUM: A CASE FROM THE UAE</td>
<td>S. El-Sayegh, H. El-Baz</td>
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<td>11:15</td>
<td>WORKSHOPS/COURSES ON COLLABORATIVE LEARNING USING ICT</td>
<td>M. Ursic, H. Caf</td>
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<td>11:30</td>
<td>USING A NEURO-FUZZY MODEL TO CALCULATE THE OPTIMAL RATIO BETWEEN DISCIPLINES FROM VARIOUS FIELDS FOR MECHATRONICS SPECIALIZATION</td>
<td>P. Schupp, W. Beck, O. Bologa, R.E. Breaz, G.S. Racz</td>
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<td>11:45</td>
<td>TECHNOLOGY AND DESIGN, A NEW INTERDISCIPLINARY TOPIC IN NORWAY. WE GOT IN 2006 A NEW NATIONAL CURRICULUM, WHERE THIS TOPIC WAS INTRODUCED:</td>
<td>R. Baune</td>
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University-Industry Collaboration  
*Session chair: Bob Barrett. American Public University (UNITED STATES)* 

*Monday, 9 of March  
*Room: Formentera*

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<td>10:15</td>
<td>ERASMUS PLACEMENTS PROGRAMME: OUR EXPERIENCE FROM UNIVERSITAT JAUME I OF CASTELLÓ</td>
<td>M.I. Beas Collado</td>
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<td>10:30</td>
<td>NEW APPROACHES TO RECRUITING AND HIRING ONLINE INSTRUCTOR: CHALLENGES AND CHANGES IN BEST TEACHING PRACTICES AND STRATEGIES</td>
<td>B. Barrett</td>
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<tr>
<td>10:45</td>
<td>THE EFFECT OF CHANGES IN INDUSTRIAL TECHNICAL DOCUMENTATION SYSTEMS FROM PAPER TO MULTIMEDIA AND THE IMPACT ON ENGINEERING STUDENT TEACHING AND MINDSET</td>
<td>J. Lynn, R. Thomson</td>
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<tr>
<td>11:00</td>
<td>BIO-MINDS: A NOVEL INITIATIVE TO PROMOTE UNDERGRADUATE RESEARCH IN BIOTECHNOLOGY AT THE UNIVERSITY OF PUERTO RICO</td>
<td>L. Saliceti-Piazza, R. Buxeda</td>
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<td>11:15</td>
<td>TAIWANESE COMPANIES' EDUCATIONAL DONATIONS AND U.S. HIGHER EDUCATION</td>
<td>H.H. Lin</td>
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<td>11:30</td>
<td>PARTICIPATIVE, EMPLOYEE-DRIVEN METHOD FOR KNOWLEDGE HARVESTING IN UNIVERSITY-INDUSTRY COLLABORATION - A CASE EXAMPLE FROM FINNISH INDUSTRY</td>
<td>M. Hämäläinen, M. Laakso</td>
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<td>11:45</td>
<td>UNIVERSITY-INDUSTRY COLLABORATION</td>
<td>B. Mohammed, S. Wagh</td>
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ROUND TABLE 1: Experiences in Education: Teaching Skills for the 21st Century

Monday, 9 of March

Room: Mallorca

**Moderator:** Pascal Mimero. ECTN Association / CPE Lyon (FRANCE)

**Speakers:**
- Jukka Ojasalo. Laurea University of Applied Sciences (FINLAND)
- Willy Fahlman. Athabasca University (CANADA)
- Pascal Mimero. ECTN Association / CPE Lyon (FRANCE)

ROUND TABLE 2: Application of ICT in Education: Experiences and Best Practice

Monday, 9 of March

Room: Menorca

**Moderator:** Jon Rubin. State University of New York (UNITED STATES)

**Speakers:**
- Michael Mawdesley. University of Nottingham (UNITED KINGDOM)
- David Scott. Curtin University (AUSTRALIA)
- John Lynn. Glasgow Caledonian University (UNITED KINGDOM)
- Jon Rubin. State University of New York (UNITED STATES)

ROUND TABLE 3: Meeting the needs of the Labour Market: Curriculum Design and University-Industry Collaboration

Monday, 9 of March

Room: Tabarca

**Moderator:** Antonio García Ricós. Member of INTED2009 Committee (SPAIN)

**Speakers:**
- Leena Hauhio. Helsinki University of Technology (FINLAND)
- Paul Blakeman. Skills for Health (UNITED KINGDOM)
- Antonio García Ricós. Member of INTED2009 Committee (SPAIN)
ORAL SESSIONS MONDAY AFTERNOON
Enhancing Learning and the Undergraduate Experience (2)
Session chair: Andrew Guzzomi. University of Bologna (ITALY)

Monday, 9 of March
Room: Mallorca

14:45 ON TEACHING ALWAYS-EVOLVING WIRELESS TECHNOLOGIES
  O. Sallent, A. Umbert, J. Perez-Romero, R. Agusti

15:00 EVALUATION OF THE ROLE OF AN INTENSIVE INDUCTION PROJECT IN ENHANCING THE FIRST YEAR EXPERIENCE
  A. Behan, D. O'Connor, W. Prendergast, C. Skehan

15:15 HOW INTRODUCING ARTIFICIAL INTELLIGENT BEHAVIOURS IN EDUCATIONAL ROBOTICS
  M. Comite, M. Moro

15:30 REVISITING THE MODULUS CONCEPT IN MECHANICAL ENGINEERING DESIGN TEACHING
  A. L. Guzzomi, M. Maraldi, P. G. Molari

15:45 CLASSROOM TEACHING, PROJECT BASED TEACHING, OR SOMETHING IN BETWEEN? – EXPERIENCES FROM MACHINE DESIGN COURSES
  F. Rovira-Más, S. Khoshaba

16:00 APPLICATION OF PROJECT MANAGEMENT TECHNIQUES IN UNDERGRADUATE SENIOR DESIGN PROJECTS
  S. El-Sayegh

16:15 NEW METHODS IN DESIGN EDUCATION: THE SYSTEMIC METHODOLOGY AND THE USE OF SKETCH IN THE CONCEPTUAL DESIGN STAGE
  J. Briede Westermeyer

16:30 EVOLUTION OF EFFICIENCY AND SUCCESS RATES FOR ELECTRICAL AND ELECTRONIC ENGINEERING STUDENTS AT EUITT FROM UNIVERSIDAD POLITÉCNICA DE MADRID
## VLEs and Blended Learning

**Session chair:** Thomas Kretschmer. Friedrich-Alexander University of Erlangen-Nuremberg (GERMANY)

**Monday, 9 of March**

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<td>14:45</td>
<td>LIFELONG LEARNING SCENARIOS IN 3D WORLDS</td>
<td>T. H. Kretschmer</td>
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<tr>
<td>15:00</td>
<td>THE USE OF VIRTUAL REALITY AS AN EDUCATIONAL TOOL</td>
<td>O. Tingoy, S. Gulluoglu, D. Yengin</td>
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<td>15:15</td>
<td>A SYSTEM TO EVALUATE ACADEMIC PROJECTS: AN EXTENSION TO CAROLINE LMS</td>
<td>G.G.D. Nishantha, T.C. Long, S.N. Jehan, Y. Hayashida</td>
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<td>16:00</td>
<td>REQUIREMENTS OF VIRTUAL LEARNING ENVIRONMENTS IN THE EUROPEAN SPACE FOR HIGHER EDUCATION</td>
<td>A. García, O. Peñalba, R. Rejas-Musler</td>
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<td>16:15</td>
<td>KARK: A LEARNING TOOL AT UNIVERSITY OF BERGEN, NORWAY</td>
<td>C. Boge, J. Oldervoll, S. Sture</td>
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<td>16:30</td>
<td>USING E-PORTFOLIOS THE MEDIEVAL WAY</td>
<td>C. Boge, J. Oldervoll, S.K. Sture</td>
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Experiences in Education: New Projects and Innovations (1)
Session chair: Ketil Arnesen. Sør-Trøndelag University College (NORWAY)

Monday, 9 of March

14:45 ES4FUN : AN INNOVATION PLATFORM TO EXPLORE EXPERIENCE-BASED LEARNING IN SCIENCE
J.M. González-Leal, J.A. Angel, S. Trasobares, J. Moreno

15:00 THE LAW&ICT SHARED VIRTUAL CAMPUS
F. Galindo, P. Lasala, J. García

15:15 EXPERIENCES WITH ACTIVITY BASED TRAINING METHODS FOR JUST-IN-TIME TRANSFER OF
KNOWLEDGE, SKILLS AND COMPETENCE IN INDUSTRIAL PRODUCTION PROCESSES
J. B. Stav, R. Bergh, E. Engh, K. Arnesen

15:30 USING EXPERIENCES GAINED BY BLENDED LEARNING ON THE WAY TO E-LEARNING
H. Wahl, M. Mense, R. K. Pucher

15:45 NEW INNOVATIONS IN EDUCATION AND THE PARADOX OF TRADITION AND MODERN TECHNOLOGY:
PARTICIPATORY RESEARCH PROJECT ON CULTURALLY-RESPONSIVE DIGITAL EDUCATION IN REMOTE
NORTHERN COMMUNITIES IN CANADA
S. Agbo

16:00 TEACHER TRAINING IN THE SCIENTIFIC FIELD THROUGH ROBOTICS ACTIVITIES: SOME EXPERIENCES
FROM ITALY & SPAIN.
A. Pina, N. Fava, S. Monfalcon, E. Menegatti, M. Moro, J. Arlegui

16:15 SUCCESSFULLY EXCHANGING METHODS AND PROCESSES BETWEEN INSTITUTIONS TO CREATE OPEN
EDUCATIONAL RESOURCES
T. Wilson, P. McAndrew

16:30 “TERRITORY WITHOUT BOUNDARIES” EDUCATIONAL PROJECT IN THE SCHOOL INFORMATIVE SYSTEM
M. Gherardi, G. Vianello, L. Vittori Antisari, N. Zamboni
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<td>14:45</td>
<td>THE UNIVERSITY FOR ELDERLY PEOPLE &quot;JOSÉ SARAMAGO&quot;: AN EXPERIENCE WITH THE SUBJECT NATURE AND ENVIRONMENT I</td>
<td>C. Aguirre-Pérez</td>
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<td>15:00</td>
<td>CURRICULUM FOCAL POINTS: A FRAMEWORK FOR TEACHERS’ PROFESSIONAL DEVELOPMENT PREK - 8</td>
<td>B. Cozza, C. Laboranti, M. Foley</td>
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<td>15:15</td>
<td>DEVELOPING A NEW MASTER DEGREE PROGRAM – CASE SECURITY MANAGEMENT</td>
<td>J. Ojasalo</td>
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<td>15:30</td>
<td>DEVELOPMENT OF CURRICULA FOR E-SCIENCE: CHALLENGES AND OPPORTUNITIES</td>
<td>E. Vander Meer, D. Fergusson, M. Atkinson</td>
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<td>15:45</td>
<td>INTEGRATING DATA ANALYSIS INTO COURSE CONTENT</td>
<td>L. Mirza, L. Vick</td>
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<td>16:00</td>
<td>KNOWLEDGE ACQUISITION AND UNDERSTANDING THROUGH STUDENTS’ SELF-ORGANISED LEARNING ACTIVITIES IS INDIFFERENT TO ORGANISATIONAL LEARNING</td>
<td>Y Y. Chan, C K. Chan, W H. Ip</td>
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<tr>
<td>16:15</td>
<td>STUDY ON INTEGRATING MULTIMEDIA IN THE ROMANIAN SECONDARY SCHOOL CURRICULA</td>
<td>L. Ciascai, I. Marchis</td>
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<td>16:30</td>
<td>STRATEGIES, PRINCIPLES AND CHALLENGES FACING COMPUTING AND INFORMATION TECHNOLOGY IN MINORITY SERVING INSTITUTIONS</td>
<td>M. Beheshti, R. Alo, S. Hug</td>
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International Projects (1)
Session chair: Siamah Kaullychurn. Victoria University of Wellington (NEW ZEALAND)

Monday, 9 of March Room: Formentera

14:45 UNIQUE BUT EQUAL: THE INDO-EUROPEAN CASE ON INTERNATIONAL CO-OPERATION
V. Yeravdekar

15:00 INTERNATIONALIZATION OF EDUCATION - CHALLENGES AND OPPORTUNITIES
V. Yeravdekar

15:15 INTERNATIONALIZATION THROUGH ONLINE COURSE COLLABORATIONS: A NEW MODEL BEING DEVELOPTED AT THE SUNY COIL CENTER
J. Rubin

15:30 PRIVATE NON-PROFIT UNIVERSITY PARTNERSHIPS: A MODEL FOR CAPACITY BUILDING IN DEVELOPING ECONOMIES
J. Myers, L. McGrath, M. Boyd

15:45 ARSENIC IN IBEROAMERICA / IBEROARSEN NETWORK
M. Litter, M. Castro de Esparza

16:00 PERFORMANCE-BASED FUNDING MODELS FOR TERTIARY EDUCATION IN SMALL ISLAND DEVELOPING STATES: THE CASE OF MAURITIUS
S. Kaullychurn

16:15 CONFIGURABLE EDITORIAL ENVIRONMENTS FOR CULTURAL HERITAGE: THE SIBECS PROJECT
U. Barchetti, A. Bucciero, N. Fiore, L. Mainetti, S. Santo Sabato

16:30 ENEAS - THE FIRST YEAR
J. Rocha e Silva, G. Pereira, M. de la Cerda, I. Preto
Enhancing Learning and the Undergraduate Experience (3)
Session chair: Lucian Tipi. Sheffield Hallam University (UNITED KINGDOM)

Monday, 9 of March  
Room: Mallorca

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<tr>
<td>17:15</td>
<td>THE GAME OF COLOUR</td>
<td>R. Martínez Sanchis, C. Martínez Sanchis</td>
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<td>17:30</td>
<td>THE BIONANOMOLECULAR KIT (BNK)</td>
<td>C. Butchosa, L. Guillaumes, S. Simon, M. Sodupe, R. Rios, M. Duran</td>
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<td>17:45</td>
<td>STUDENT ENGAGEMENT AND PERFORMANCE ANALYSIS IN HIGHER EDUCATION</td>
<td>L. Tipi</td>
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<td>18:00</td>
<td>UNDERGRADUATE STUDENTS’ ASSESSMENTS ON THE LECTURE METHOD</td>
<td>O. Beyhan, G. Ozaslan</td>
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<td>18:30</td>
<td>EFFECT OF TUTORING AND SEMINAR ACTIVITIES IN UNIT OPERATIONS COURSE (CHEMICAL ENGINEERING DEGREE)</td>
<td>F.J. Fernandez-Morales, M.C. Castro, P. Cañizares</td>
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<td>18:45</td>
<td>PROGRAM TO IMPROVE SCIENCE EDUCATION (PRISE): A THREE-YEAR SALVADORAN EXPERIENCE</td>
<td>W. Mejia, P. Fadde, C. Martinez, R. Fuentes</td>
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New Technologies Applications into Classroom
Session chair: Brett Bligh. University of Nottingham (UNITED KINGDON)

Monday, 9 of March

Room: Menorca

17:15 ON THE USE OF A MULTIPLE DISPLAY, IN-ROOM COLLABORATION SYSTEM TO PROMOTE FREE RESPONSE FORMATIVE DISCUSSION BETWEEN LEARNERS AND TUTORS IN SMALL GROUP SEMINARS  
B. Bligh, S. Li

17:30 DESIGNING AND APPLYING MULTIMEDIA MATERIAL FOR EXPERIMENTAL SCIENCES. TEACHER AND STUDENT ASSESSMENT OF ITS IMPLEMENTATION  
A. Quesada, M.R. Ariza, A. Ortiz, R. Bermejo

17:45 TEACHING EXPERIENCE WITH A TOUCH-SCREEN DEVICE SMARTBOARD IMPLEMENTED WITH LOW COST DEVICES  
V. Galiano, D. Perez-Caparros, M.V. Herranz Cuadrado

18:00 INFORMATION & COMMUNICATION TECHNOLOGIES (ICTS) IN HIGHER EDUCATION: FACTORS INFLUENCING ADOPTION AND DIFFUSION BY STUDENTS IN KENYAN UNIVERSITIES  
J. Macharia, E. Nyakwende

18:15 COLLABORATIVE ONLINE ANNOTATION OF MUSICAL SCORES FOR E-LEARNING USING A.NNOTATE.COM  
C. Anagnostopoulou, F. Howell

18:30 ONLINE OUTCOMES ASSESSMENT: USING ONLINE ASSESSMENT SOFTWARE FOR OUTCOMES-BASED ASSESSMENT OF PROGRAMS AND STUDENTS  
B. Gatenby

18:45 TEACHING DATA MINING WITH CAML LANGUAGE  
T. Martelli, J. Miralles
Experiences in Education: New Projects and Innovations (2)
Session chair: Niall Delaney. Dublin Institute of Technology (IRELAND)

Monday, 9 of March

Room: Ibiza

17:15 THE FIRST DOCTORAL PROGRAM IN DISTANCE EDUCATION IN NORTH AMERICA
W. Fahlman

17:30 PROJECT FOR INTERVENTION IN THE CLASSROOM RELATED TO LEADERSHIP, COMMUNICATION, NEGOTIATION AND TEAMWORK
J. Bilbao, C. Varela, O. García, E. Bravo, I. Baro, P. González, V. Valdenebro, ME. Uranga, G. Garate, M. Rodríguez

17:45 CHILDREN, EDUCATION AND SUSTAINABLE DEVELOPMENT IN LATIN AMERICA: THE EXPERIENCE OF AGUAMIGA/AQUATOX
M. Castro de Esparza, M. Aurazo de Zumaeta

18:00 UTILISING RESEARCH ‘PRAXIS’ TO ENHANCE TEACHING PRACTICE IN APPRENTICESHIP EDUCATION: A RESEARCH CAPACITY BUILDING PILOT PROJECT RUN IN THE SCHOOL OF CONSTRUCTION SKILLS
A. Kenny, N. Delaney, A. Ryan

18:15 PEDAGOGICAL EXPERIENCES APPLIED IN THE TEACHING OF INDUSTRIAL DESIGN: DIGITAL DATABASE FOR THE DIFFUSION OF THE NEW PRODUCT PROJECTS
J. Briede, P.A. Rebolledo Arellano

18:30 COMPUTER AIDED SELF LEARNING SYSTEM FOR UEE (UNIVERSITY ENTRANCE EXAM): A CASE STUDY OF TURKEY
O. Sahin, O. Tingoy, A. Cetinkaya

18:45 CONTINUING INTERCULTURAL PROFESSIONAL DEVELOPMENT: NEW TECHNOLOGIES AND NEW PARADIGMS IN TEACHER PROFESSIONAL DEVELOPMENT
A. Britton, M. McMahon
Curriculum Design and Innovation (3)
Session chair: Yuri Yegorov. University of Vienna (AUSTRIA)

Monday, 9 of March
Room: Tabarca

17:15 CREATIVITY AND INNOVATION LEARNING: EXPERIENCES AND METHODS
   J. Moreno, C. Reis, A. Carmona

17:30 THE DYNAMICS OF RESEARCH SCHOOLS AND THE DEMAND FOR TEACHING
   Y. Yegorov

17:45 TOOLS FOR GENERATING TEACHING TEAMS BY TAKING INTO ACCOUNT CONCRETE NEEDS OF THE
   UNIVERSITY DEGREE
   J.C. Soto Merino, S. Navalpotro Cuenca, M. Loizaga Garmendia, A. Okariz Larrea

18:00 CRITICAL ANALYSIS OF THE ROMANIAN MATHEMATICS AND SCIENCES SCHOOL CURRICULA BASED ON
   THE ROMANIAN PUPILS’ RESULTS ON PISA AND TIMSS TESTING
   I. Marchis, L. Ciascai, F. Ciomos

18:15 COMPUTER GRAPHICS IN ENGINEERING STUDIES
   J. Oliver, A. del Moral

18:30 THE CREATIVE DYNAMIC: INNOVATIVE SOLUTIONS TO TEACHING TRANSFERABLE SKILLS IN THE
   CLASSROOM
   N. Morton, A. Hill, R. Curzon

18:45 CYBERPRENTERSHIP EDUCATION: A NEW FRONTIER
International Projects (2)
Session chair: Melissa Dark. Purdue University (UNITED STATES)

Monday, 9 of March

Room: Formentera

17:15 DEVELOPING INTERNATIONAL AWARENESS THROUGH STUDENT-GENERATED ONLINE MEDIA COLLABORATION: CROSS-CULTURAL VIDEO COURSE
J. Rubin

17:30 ROLE OF INTERNATIONAL INDUSTRIAL TRAINING PROGRAMS IN THE DEVELOPMENT OF ENGINEERING STUDENTS
A. A. Maqrashi, A. O. Ojaily

17:45 HOW TO ESTABLISH A TRANSATLANTIC RESEARCH COLLABORATIVE FRAMEWORK? PROPOSED MODEL
M. Dark, M. Rebow, E. Coyle

18:00 INTERINSTITUTIONAL COLLABORATION IN SUPPORTING MIGRANT CHILDREN ACCESS TO EDUCATION
C. Piyathamrongchai

18:15 CROSSING BOUNDARIES — VOICES FROM AROUND THE WORLD
S. Ahmad

18:30 DESIGN.INT - DESIGN FOR SMES’ GLOBAL INTEGRATION
G. Simonelli, V. Arquilla, M. Mortati

18:45 KEY FACTORS OF KNOWLEDGE MANAGEMENT IN THE INTERNATIONAL COOPERATION PROJECTS FOR TOURISM DEVELOPMENT IN CENTRAL AMERICA
E. Osorio Acosta, V. Jaime Pastor, A. Soler Domingo
POSTER SESSIONS MONDAY MORNING
Poster Session 1. New Projects and Innovations & Global Issues

Monday, 9 of March

Room: Poster Room

- ALTERNATIVE PROCEDURES TO ASSESS EDUCATIONAL PRACTICE RESULTS: THE PERSONAL SURVEY

- APPLICATION OF A QUALITY MANAGEMENT SYSTEM TO UNIVERSITY RESEARCH GROUP
  A. Insausti, A. Elias, A. Barona, L. Gurtubay, G. Ibarra

- COMPETENCES FOR SENSITIVE ENGINEERS: THE ENVIRONMENTAL FACTOR

- COMPUTER APPS FOR SELF-DIRECTED LEARNING IN CONCEPTUAL DESIGN STUDIES
  C. Muñoz, R. Vidal, M. Royo

- DEVELOPING COMPETENCES FOR A BASIC SUBJECT: THE PROGRAM GUIDE
  O. Botella Miralles, L. Pulido Garcia, M. Cutanda Perez

- EDUCATIONAL STRATEGIES FOR THE INCREASING OF CREATIVITY
  M. González-Álvarez, I. González-Álvarez, M.A. Bermell

- EXPERIENCES WITH A REMOTE LABORATORY IN A ROBOTICS AND COMPUTER VISION SUBJECT
  L. Paya, O. Reinoso, D. Ubeda, A. Gil, L. Jimenez, A. Sanchez

- FROM TRADITIONAL TO E-LEARNING VIA B-LEARNING: OPTIONAL OR NECESSARY?

- GOOD LABORATORY PRACTICES APPLIED TO TEACHING LABORATORY ROUTINE WORK
  S. Carda Broch, M.J. Ruiz Angel, M. Rambla Alegre, J. Esteve Romero
• IMPLEMENTATION OF NEW EDUCATIONAL METHODS: HOW TO OVERCOME OBSTACLES IN A TRANSITIONAL COUNTRY?
  
  M. Mimica

• IMPROVING LISTENING SKILLS BY USING FILMS IN THE ENGLISH LANGUAGE CLASSROOM: ‘BEE MOVIE’ A FILM WORKSHOP
  
  B. Ozgür

• IMPROVING SPEAKING SKILLS BY USING FILMS IN THE ENGLISH LANGUAGE CLASSROOM: ‘BEE MOVIE’ A FILM WORKSHOP
  
  H. Üner

• INTEGRATING PROJECT WORK INTO CONTENT-BASED INSTRUCTION: EXPERIENCES FROM KAZAKHSTAN
  
  S. Kerimkulova

• INTEGRATION OF CHILDREN WITH CHRONIC LIFE THREATENING ILLNESS IN THE SCHOOL SYSTEM FROM THE TEACHER’S POINT OF VIEW
  
  Y. Isenber

• ISSUES IN SCHOOL COUNSELING IN DEVELOPING COUNTRIES: AN EXPLORATION FOR EFFECTIVE DELIVERY AND DEVELOPMENT
  
  I. Abubakar

• MULTIFACTORIAL BASED SCHOOL SUBSTANCE ABUSE PREVENTION PROGRAMME IN THE AREA OF “LA MANCHUELA” IN THE PROVINCES OF ALBACETE AND CUENCA (SPAIN). FAR AND BEYOND THE COMMUNITY PHARMACIST
  
  J. Martinez-Raga, L. Moreno Royo, J. Torres Pujol, A. Magan Garrido, J. Torres Merino

• PRELIMINARY EXAMINATION OF THE FRACTURE SURFACES OF A COLD CUTTING TOOL
  
  D. Statharas, J. Sideris, D. Papageorgiou, C. Medrea

• PRIMARY SCHOOL COMPUTER CLASSES INITIATIVE FOR AFRICA (PSCCI)
  
  I. Weichselbaum

• PROBLEMS OF THE REPRODUCTION OF HIGHLY QUALIFIED R&D MANPOWER IN THE CURRENT SITUATION OF RUSSIAN ECONOMY’S DEVELOPMENT
  
  M. Motova, T. Chinaeva
• STANDARDS OF QUALITY EDUCATION IN GLOBAL SCENARIO AND A VISION IN ACHIEVING EDUCATION FOR ALL THROUGH EDUCATIONAL TECHNOLOGY  
  A. Tripathi

• TECHNO-SCIENTIFIC EVOLUTION OF ENGINEERING PROFESSIONS AND ITS EFFECTS TO THE RELATED HIGHER EDUCATION PROGRAMMES IN TURKEY  
  H. Yavasoglu, C. Ipbuker, U. Ozerman

• THE ROLE OF THE DESIGN IN PREVENTION OF TOOL STEEL FAILURES. CASES OF STUDY  
  C. Medrea, J. Sideris, D. Papageorgiou, D. Statharas

• THE ROLE OF THE SOUTH AFRICAN TRADITIONAL HEALER IN EDUCATIONAL SUPPORT SERVICES  
  J. Geldenhuys

• THE UNIVERSITY OF ALICANTE PSYCHOCRIMINOLOGY PORTAL  
  R. Ferrer Cascales, A. Reig Ferrer, J. Herranz Bellido, N. Albadalejo Bláquez, M.D. Fernández Pascual, M. Díez Jorro, A.M. Cerezo Martínez

• WEALTH TRANSFER OF FORWARD PROPERTY DEVELOPMENTS  
  Y.P. Leung

• WOMEN NORTH NETWORK: INNOVATION IN BUILDING HEALTHY NORTHERN COMMUNITIES  
  D. Hemingway, C. McLennan

• WWW.MUSEOSVIVOS.ES: A TECHNOLOGICAL PLATFORM FOR LIVING MUSEUMS  
  J. Legarrea, A. Pina, L. Huizi
POSTER SESSIONS MONDAY AFTERNOON
Poster Session2. Experiences in Education & European Higher Education Area

Monday, 9 of March

Room: Poster Room

• A COMPARATIVE STUDY OF JOB SATISFACTION IN PUBLIC AND PRIVATE SCHOOL TEACHERS AT SECONDARY SCHOOL LEVEL
  S. Naeem Akhtar, S.I. Hussain Naqvi, A. Hussain

• A LABORATORY-ORIENTED APPROACH TO THE TEACHING OF DRUG SYNTHESIS
  J.C. Menéndez, M. Villacampa, E. de la Cuesta, P. López-Alvarado, M.T. Ramos

• A MODEL OF STUDENT UNIVERSITY CHOICE
  E. Álvarez-Verdejo, M.M. Rueda-García, J.F. Muñoz-Rosas

• A NEW APPROACH TO TEACHING SAMPLING BASED ON COMPUTER ASSISTED METHODS

• A SURVEY ON APPLICATION OF CRITERIA OF FORMATIVE ASSESSMENT BY TEACHERS AND ITS RELATIONSHIP WITH STUDENTS' ACADEMIC ACHIEVEMENT
  M. M. Ghadimi Moghadam, F. Hosini Tabatabaie

• ADAPTATION TO THE ECTS OF THE SUBJECT ‘CONSTRUCTION OF NON-STRUCTURAL ELEMENTS’ FOR THE FUTURE DEGREE ‘BUILDING ENGINEER’
  M.F. Céspedes López, R.T. Mora García, A. Jiménez Delgado, L. Rodríguez Valenzuela

• ALTERNATIVES FOR EVALUATION IN OVERCROWDED GROUPS: THE E-ASSESSMENT
  M. C. Mora Aguilar, J. L. Sancho Brú, J. L. Iserte Vilar

• ANALYTICAL CHEMISTRY LABORATORY PRACTICES TOWARDS THE EUROPEAN CONVERGENCE PROCESS
  S. Carda Broch, M.J. Ruiz Angel, J. Esteve Romero

• APPLIED QUANTUM THEORY IN THE CLASSROOM: SPECTROSCOPIC STUDY OF GLOW DISCHARGES
  J. Juan Camacho, J.M. López Poyato
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<td>ASSESS THE EFFECTIVENESS OF NON FORMAL EDUCATIONAL AND VOCATIONAL COURSES FOR LIVESTOCK OWNERS IN CITY OF ASHTIAN, IRAN</td>
<td>M. Arfaee, S.J. Farajollah Hosseini</td>
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<td>BLACK BOXES IN ANALYTICAL CHEMISTRY: MISCONCEPTIONS IN LEARNING INSTRUMENTAL ANALYSIS</td>
<td>A. Doménech-Carbó, J. Gimeno-Adelantado, F. Bsoch-Reig</td>
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<td>CURRENT USAGE AND FUTURE TRENDS OF LEARNING MANAGEMENT SYSTEMS: A CASE STUDY IN ASIA PACIFIC UNIVERSITY</td>
<td>G.G.D. Nishantha, L. Mack, D. Pishva, Y. Yusuf</td>
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<td>C. Ipбуker, H. Yavasoglu</td>
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<td>M. A. Martin, G. Carcedo</td>
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<td>EXPLORING CLASSICAL AND NEW EDUCATIVE APPROACHES FOR THE ANALYTICAL CHEMISTRY UNDERGRADUATE STUDENTS IN PHARMACY</td>
<td>I. Olives, M.A. Martín</td>
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<td>ICT AND EDUCATION IN THE GAMBIA: A PARADIGM SHIFT IN TEACHER PROFESSIONAL DEVELOPMENT</td>
<td>M. Ivongbe, G. Eromosele, O. Omorogiwa</td>
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<td>MANAGEMENT OF MASTER'S THESIS BASED ON COMPETENCES</td>
<td>W. Garcia-Gabin, M. Carreras, J. Meléndez, X. Cufí Solé</td>
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<td>METHODOLOGY TO FORM CRITERIA TO DESING HORIZONTAL LIGHTENED SLABS</td>
<td>A. Mas, E. Gil Benso, A. Almerich Chulia, J. Vercher Sanchis</td>
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<td>NEW TECHNOLOGIES AND STRATEGIES IN EXPERIMENTAL SUBJECTS IN CHEMICAL ENGINEERING EDUCATION</td>
<td>A. Elías, A. Barona, L. Insausti, L. Gurtubay, N. Azpiazu, I. Aranguiz</td>
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<td>NEW TECHNOLOGIES APPLIED TO TEACHING ENGINEERING DESIGN: ONTOLOGIES</td>
<td>D. Cebrian-Tarrason, C. Muñoz, M. Royo, R. Vidal</td>
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<td>RELATIVE WEIGHT-AGE IN TEXTBOOK AND EXAMINATION OF SECONDARY SCHOOL</td>
<td>A. Hussain, S.I. Hussain Naqvi, S. Naeem Akhtar</td>
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<td>SPECTROSCOPIC ANALYSIS OF COMPACT FLUORESCENT LAMPS: AN EXPERIMENT FOR</td>
<td>J.M. López Poyato, J. Juan Camacho</td>
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<td>THE MIDPOINT METHOD FOR PH CALCULATION: A SIMPLE AND PRACTICAL APPROACH</td>
<td>M.J. Ruiz-Angel, J.R. Torres-Lapasio, M.C. Garcia-Alvarez-Coque</td>
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<td>THE RULES OF TRAINING OF ETREPRENEURSHIP IN AGRICULTURE HIGHER</td>
<td>M.H. Shakki, S.M. Hosseini, K. Moradpour</td>
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<td>EDUCATION IN IRAN</td>
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<td>USE OF THE NEW EDUCATIONAL STRATEGIES IN THE 'SAFETY IN ROBOTIC AND</td>
<td>MD. Redel-Macías, A. Cubero-Atienza, L. Salas Morera</td>
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ORAL SESSIONS TUESDAY MORNING
Barriers to Learning & Diversity Issues
Session chair: Loraine Leeson. Trinity College Dublin (IRELAND)

Tuesday, 10 of March

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<td>09:00</td>
<td>AN E-LEARNING PLATFORM FOR DYSLEXIA</td>
<td>A. Rocha, E. Pereira, E. N. Pereira</td>
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<td>09:15</td>
<td>SIGNALL: A EUROPEAN PARTNERSHIP APPROACH TO DEAF STUDIES VIA NEW TECHNOLOGIES</td>
<td>L. Leeson, H. Haaris</td>
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<td>09:30</td>
<td>COST BENEFIT ANALYSIS OF HIGHER EDUCATION BY UNIVERSITY EDUCATED WOMEN IN IRAN: THE TAIL OF SELF FULFILLING PROPHECY AND LOW LABOR FORCE PARTICIPATION</td>
<td>M. Ghazi-Tabatabaei, Z. Karimi</td>
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<td>09:45</td>
<td>THE CODE-SWITCHING OF TRILINGUAL MONTREALERS</td>
<td>E. Konidaris</td>
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<td>10:00</td>
<td>OLDER PEOPLE’S ATTITUDES TOWARDS THE INTERNET: COMPARISONS AMONG USERS AND NON-USERS</td>
<td>S. Sabelus, P. K. Smith, J. Jessel</td>
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<td>10:15</td>
<td>NATIVE AMERICAN UNIVERSITIES IN THE AMERICAS: ANALYZING THEIR SOCIAL IMPACT IN THE PRODUCTION AND TRANSMISSION OF KNOWLEDGE</td>
<td>F.J. Ullán de la Rosa</td>
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Experiences in Education & Research: Mathematics & Statistics
Session chair: John O'Mullane. University College Cork (IRELAND)

Tuesday, 10 of March

09:00 AUTOMATIC VERBALIZATION OF MATHEMATICAL FORMULAE FOR WEB-BASED LEARNING RESOURCES IN AN ON-LINE ENVIRONMENT

09:15 THE EFFECT OF GRAPHIC CALCULATORS ON NEGEV ARAB PUPILS’ LEARNING OF THE TOPIC “MEANING OF PARAMETERS IN FUNCTIONS OF FAMILIES”
M. Abu-Naja

09:30 AN EXAMPLE OF REINFORCEMENT OF THE IMPLICIT AND EXPLICIT MATHEMATICAL CURRICULUM IN A CIVIL ENGINEER DEGREE

09:45 BLENDED LEARNING UTILIZING THE BLACKBOARD COURSE MANAGEMENT SYSTEM TO UNIFY TECHNOLOGY-ASSISTED INSTRUCTION: A CASE STUDY OF AN INTRODUCTORY STATISTICS COURSE FOR PSYCHOLOGY STUDENTS
M.T. Gastardo

10:00 PRINCIPLES AND STRATEGIES FOR THE DEVELOPMENT OF MATHEMATICS CURRICULAR DESIGN BASED ON SKILLS FOR ENGINEERS
C. Perea, A. Devesa, P. Campillo, V. Herranz

10:15 A BLENDED LEARNING ENVIRONMENT FOR UNDERGRADUATE STATISTICS TUTORIALS
J. O'Mullane, K. O'Sullivan
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<td>09:00</td>
<td>A STRATEGY TO USE AN EFQM POLICY TO ATTRACT THE STUDENTS' MOTIVATION AS TO EARN THEIR PARTICIPATION ENGAGEMENT</td>
<td>J. Soto Merino</td>
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<td>09:15</td>
<td>DOES THE COOPERATING TEACHER RESPOND TO THE INSTRUCTIONAL NEEDS OF THE STUDENT TEACHER? ANALYSIS OF THE PERCEPTIONS OF TRAINER AND TRAINEE</td>
<td>L. Portelance</td>
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<td>09:30</td>
<td>INSTITUTIONAL INNOVATIONS IN HIGHER EDUCATION: PROJECT-ORIENTED UNIVERSITY</td>
<td>A. Bargaoanu, S. Stan, E. Negrea, L. Calinescu</td>
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<td>09:45</td>
<td>VIDEO GAMES: EDUCATIONAL RESOURCES FOR THE CLASSROOM</td>
<td>P. Cornellà Canals, M. Estebanell Minguell, J. Ferrés Font, E. Guiu Puget</td>
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<td>10:00</td>
<td>THE INTERACTIVE GUIDE, A NEW MODEL OF DIDACTIC GUIDE</td>
<td>M. Estebanell Minguell, J. Ferrés Font, P. Cornellà Canals</td>
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<td>10:15</td>
<td>SCIENTIFIC REASONING ABILITIES OF UNDERGRADUATE SCIENCE AND ENGINEERING STUDENTS AT KFU</td>
<td>M. Al-arfaj</td>
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European Higher Education Area (1)
Session chair: Mihaela Muresan. Dimitrie Cantemir Christian University (ROMANIA)

Tuesday, 10 of March

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<td>HOW IMPLEMENT BOLOGNA WITHOUT DIE TRYING</td>
<td>J. Bilbao, C. Varela, O. García, E. Bravo, I. Baro, P. González, V. Valdenbro, ME. Uranga, G. Garate, M. Rodríguez</td>
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<td>09:15</td>
<td>WORKING WITH EMOTIONALS COMPETENCES IN THE LAW DEGREE: SPANISH EXPERIENCE</td>
<td>A.J. Sanchez Pino, ML. Pérez Guerrero, M. Galgón Mangas</td>
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<td>09:30</td>
<td>A PILOT EXPERIENCE OF ADAPTATION TO THE EUROPEAN SPACE OF HIGHER EDUCATION: THE CASE OF ADMINISTRATION AND PUBLIC MANAGEMENT IN THE UNIVERSITY OF BARCELONA</td>
<td>M. Solé</td>
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<td>09:45</td>
<td>IMPLEMENTING ECTS IN THE DESIGN AND MANUFACTURING MASTER PROGRAM AT THE UNIVERSITAT JAUME I</td>
<td>A. Pérez-González, C. Vila-Pastor</td>
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<td>10:00</td>
<td>THE CONTINUOUS ASSESSMENT IN THE EUROPEAN HIGHER EDUCATION AREA: THE NEED FOR UNDERSTANDING</td>
<td>E. Gallardo Gallardo, M. Camós Ramió</td>
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<td>10:15</td>
<td>UNIVERSITIES – DRIVERS FOR REGIONAL INNOVATION CULTURE AND COMPETITIVENESS</td>
<td>M. Muresan</td>
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## Experiences in Education & Research: Life Sciences

*Session chair: Eleni Kaldoudi. Democritus University of Thrace (GREECE)*

*Tuesday, 10 of March*

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<td>A VIRTUAL ENVIRONMENT WARD SIMULATION FOR CLINICAL EDUCATION</td>
<td>D. Hilton, J. Bentham, R. Eastgate, S. Cobb, H. Wharrad, R. Cable, L. Cotrel-Gibbons</td>
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<td>09:15</td>
<td>MULTI-TYPE CONTENT REPURPOSING AND SHARING IN MEDICAL EDUCATION</td>
<td>E. Kaldoudi, P. Bamidis, C. Pattichis</td>
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<td>EMBEDDING A CULTURE OF LEARNING IN THE WORKPLACE: PARTNERSHIPS IN DESIGNING HIGHER EDUCATION USING COMPETENCES</td>
<td>P. Blakeman</td>
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<td>ENHANCING MEDICAL CURRICULA VIA ONLINE PROBLEM BASED LEARNING – EXPERIENCES USING WEB 2.0 TECHNOLOGIES</td>
<td>P. Bamidis, S. Konstantinidis, C. Bratsas, E. Kaldoudi</td>
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<td>10:00</td>
<td>DEVELOPING A REUSABLE E-TOOL FOR PAEDIATRIC PHYSIOTHERAPY EDUCATION</td>
<td>S. Westwater-Wood</td>
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<td>10:15</td>
<td>USING SIMULATION TO TEACH CLINICAL NURSING SKILLS IN A VIRTUAL LABORATORY AT SULTAN QABOOS UNIVERSITY: STRATEGY OF SUCCESS FOR SAFE PRACTICE TO IMPROVE PATIENT SAFETY</td>
<td>J. Hayudini</td>
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Pedagogical & Didactical Innovations: New Learning and Teaching Models & Methodologies
Session chair: Terje Mølster. Hedmark University College (NORWAY)

Tuesday, 10 of March

Room: Mallorca

11:00 THE BLENDING OF THREE CHANNELS FOR DELIVERING A COMPREHENSIVE AND INNOVATIVE DISTANCE LEARNING COURSE
M. Feituri, I. Mascitti, F. Funghi, P. Degasperi

11:15 CORRECTING STUDENTS' WRITTEN GRAMMAR MISTAKES THROUGH COOPERATIVE LEARNING: A CASE-STUDY.
S. Servetti

11:30 AN INTEGRATIVE APPROACH TO TECHNOLOGY LEARNING AT UNIVERSITY LEVEL: CASE STUDY OF THE INDUSTRIAL CENTRE
HW. Wai, HC. Wong, KP. Chu

11:45 EXPLOITING NOVEL ISELECT LEARNING OBJECTS TO FOSTER INQUIRY AND PROBLEM BASED LEARNING IN SKILLS UPGRADING PROCESSES
John B. Stav, E. Engh, T.M. Thorseth, R. Bergh, K. Arnesen, J. Lu

12:00 POLIPEDIA.AT – YOUTH PARTICIPATION IN THE SOCIAL WEB HOW WIKIS AND OTHER SOCIAL SOFTWARE TOOLS CAN CONTRIBUTE TO A NEW FORM OF CIVIC EDUCATION AT SCHOOLS
A. Banfield-Mumb, P. Mayrhofer

12:15 DIGITAL LEARNING ARTIFACTS: MULTIMODAL TEXT PRODUCTION AND ITS EFFECT ON LEARNERS’ DIGITAL LITERACY AND THEIR COMPREHENSION OF SUBJECT ISSUES
T. Mølster, G. Wikan, B. Faugli, R. Hope

12:30 BLENDED LEARNING: AN EFFICIENT RESPONSE TO SOME OF THE PROBLEMS RAISED BY YOUTHS AT RISK
P. Ortega, F. Arcos

12:45 ADAPTING KNOWLEDGE: INTERACTION BETWEEN EDUCATION AND WORKING LIFE
T. Björklund, M.M. Eloranta
13:00 EXPERIMENTAL MATHEMATICS AS A LEARNING TOOL AT MIDDLE SCHOOL LEVEL
    J. Rocha e Silva, I. Magalhães, F. Rangel

13:15 LABORATORY INTEGRATION INTO THE LECTURES
    F.J. Fernandez-Morales, M.C. Castro, P. Cañizares
Emerging Technologies: Internet Based Technologies  
Session chair: Cristina Costa. University of Salford (UNITED KINGDOM)  
Tuesday, 10 of March  
Room: Menorca

11:00 Harnessing developments in technology & merging them with new approaches to teaching: A practical example of the effective use of wikis & social bookmarking sites in 3rd level professional education  
A. Behan, F. Boylan

11:15 Microblogging in language learning - analysis of experiences and suggestions of practices for the 21st century classroom  
M. Perifanou, C. Costa

11:30 Web 2.0 as a tool for resolving issues related to quality in higher education in developing countries and technology alteration (design and management) framework  
M.A. Ahmed

11:45 Collaborative web-enabled geovisual analytics applied to OECD regional data to establish global progress through economic, social and environmental indicators  
L. Jern

12:00 Using MySQL in your organisation  
W. Heck

12:15 Astronomy education for the public via web technologies. From the e-library, through the e-classroom, towards the e-facilitator  
P. Antoniou, E. Delidou, E. Kaldoudi

12:30 Blogging with students  
L. Armangué, L. Guillaumes, C. Butchosa, S. Simon, M. Duran

12:45 Lasting effects of automatic plagiarism detection in an introductory course in programming  
A. Maus, OC. Lingjærde
13:00 THE APPLICATION OF A FUZZY LOGIC CONTROLLER TO COMPUTE A TRUST LEVEL FOR MOBILE AGENTS IN A SMART HOME
   S. Nasution, N. Suryana, S. Sahib, N. Azman, P. Hartel

13:15 THE DEVELOPMENT OF UNIVERSITY CAMPUS INTERACTIVE TELEVISION AS E-LEARNING SUPPORT IN UTHM
   M. Ihkasan, M. Sanusi, N. M. Nor, M. Md Som
Research in Education (2)
Session chair: Martina Wilson. The Open University (UNITED KINGDON)

Tuesday, 10 of March

Room: Ibiza

11:00 EVALUATING HOW FIVE HIGHER EDUCATION INSTITUTIONS WORLDWIDE PLAN TO USE AND ADAPT OPEN EDUCATIONAL RESOURCES
T. Wilson, P. McAndrew

11:15 SIGNS OF ACCESS IN A DIGITAL WORLD: ONLINE DELIVERY OF DEAF STUDIES CURRICULA IN IRELAND AT THIRD LEVEL
B. Nolan, L. Leeson

11:30 USING FUZZY LOGIC APPROACH FOR OPTIMIZING THE SPECIALTY CURRICULA IN ENGINEERING STUDIES
W. Beck, P. Schupp, O. Bologa, R.E. Breaz, F. Ionescou

11:45 TRAINING WEB SEARCH SKILLS: EFFECTS ON PERFORMANCE OF FUTURE TEACHERS
A. Paiva

12:00 THE IMPORTANCE OF MATERIALS AND TECHNOLOGIES IN DESIGN
B. Del Curto

12:15 THE CONTRIBUTION OF SYSTEM AND CONTROL THEORY TO NEW TECHNOLOGIES
V. Tsoulkas, K. Milioti, A. Pantelous

12:30 INTEGRATING A WEB-BASED LEARNING PROGRAM INTO A TRADITIONAL LEARNING ENVIRONMENT: STUDENTS’ ATTITUDES AND EXPECTATIONS
Y. Ozek, Y. Kesli, Z. Kocoglu

12:45 THE EFFECTS OF STUDENTS’ MULTIMEDIA HOUR PARTICIPATION ON THEIR ENGLISH LANGUAGE ACHIEVEMENT
A. San

13:00 CURRICULUM AND PERSONAL DEVELOPMENT IN THE MILITARY EDUCATIONAL SYSTEM
I. Dinescu, D. Ilisoi, D. Nagy, A. Lesenciuc

13:15 POODLE: USE OF THE WEB 2.0 TO DEVELOP AN ACCESIBLE E-LEARNING ENVIRONMENT
F. Garcia, A. Becerra
## European Higher Education Area (2)
*Session chair: Clementina Nogueira. Instituto Piaget (PORTUGAL)*

**Tuesday, 10 of March**  
*Room: Tabarca*

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<td><strong>THE ROLE OF TUTORS AND TUTORING IN THE BOLOGNA EDUCATIONAL REFORM: ACHIEVING ACADEMIC EXCELLENCE AND PROFESSIONAL SKILLS IN COLLEGE LAW STUDIES</strong></td>
<td>F. Diez</td>
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<td><strong>TEACHERS ETHICAL EDUCATION: A CHALLENGE FOR HIGHER EDUCATION</strong></td>
<td>M. Estrela, J. Marques</td>
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<td><strong>THE IMPACT OF INFORMATION AND COMMUNICATION TECHNOLOGIES ON THE FUTURE DEVELOPMENTS OF BORDERLESS HIGHER EDUCATION</strong></td>
<td>A. Gaitanaru, Z. A. Reinhardt</td>
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<td>11:45</td>
<td><strong>THE EDUCATION OF ANALYTICAL CHEMISTS IN POLISH UNIVERSITIES</strong></td>
<td>M. Biziuk, J. Namienik</td>
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<td><strong>PROFESSIONAL ACCREDITATION VERSUS OFFICIAL ACCREDITATION. THE CASE OF THE MASTER OF REAL ESTATE SCIENCES OF THE POLYTECHNIC UNIVERSITY OF VALENCIA (SPAIN)</strong></td>
<td>E. de la Poza, N. Guadalajara, I. Bartual</td>
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<td>12:15</td>
<td><strong>EXPERIENCES WITH A NEW BACHELOR/MASTER PROGRAM &quot;TECHNICAL COMPUTER SCIENCE&quot; WITH SPECIAL RESPECT TO INTERNATIONALIZATION</strong></td>
<td>C. Vogt</td>
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<td><strong>THE ERASMUS NETWORK IN BIOTECHNOLOGY</strong></td>
<td>M.V. Magni</td>
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<td><strong>COURSE PORTFOLIO A STRATEGY FOR HIGH EDUCATION TEACHERS’ EVALUATION AND PROFESSIONAL DEVELOPMENT</strong></td>
<td>C. Nogueira, E. Lamas</td>
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<td>E. Pereira, C. Costa</td>
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<td>13:15</td>
<td><strong>DEVELOPMENT OF EDUCATIONAL Capacities of Polish and European Construction Industry</strong></td>
<td>A. Minasowicz, P.O. Nowak, J. Zawistowski</td>
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## Pedagogical Innovations in Foreign Languages Learning

**Session chair: Terri Storseth. American University of Sharjah (UNITED ARAB EMIRATES)**

*Tuesday, 10 of March Room: Formentera*

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<td><strong>ONLINE ROLEPLAY SIMULATIONS: FOSTERING CRITICAL THINKING AND COMMUNICATIVE SKILLS IN THE EFL/ESL CURRICULUM</strong></td>
<td>G. Halleck, J. F. Coll-Garcia</td>
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<td>11:15</td>
<td><strong>TRADITIONAL OR NEW WAYS? HAS TECHNOLOGY IN LANGUAGE LEARNING TAKEN ATTENTION OF US?</strong></td>
<td>B. Kivrak, O. Kivrak, M.C. Bozkiran</td>
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<td><strong>TEACHING ACADEMIC WRITING AS A CULTURAL BRIDGE</strong></td>
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<td><strong>THE 'ENVIRONMENT' PROJECT: AN EXAMPLE OF CREATING CROSS-CURRICULUM DIGITAL MATERIALS FOR THE ENGLISH/CLIL CLASS WITH MALTED</strong></td>
<td>V. Oliver</td>
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<td><strong>EXPANDING THE ROLE OF THE UNIVERSITY: A CASE STUDY FROM JAPAN</strong></td>
<td>D. Sturge, N. Hamada, Y. Yamashita, Y. Fukuoka</td>
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<td>12:15</td>
<td><strong>EXPERIENCES AND CHALLENGES OF ELT IN NON-LINGUISTIC UNIVERSITIES OF THE REPUBLIC OF KAZAKHSTAN</strong></td>
<td>N. Pak, R. Zagidullin</td>
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<td>12:30</td>
<td><strong>A SUCCESSFUL PEER TUTORING INITIATIVE AT CITY UNIVERSITY OF HONG KONG: THE LANGUAGE CLINIC (LC)</strong></td>
<td>D. Santandreu Calonge, E. Wong, G. Wong, I. Chui</td>
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<td>12:45</td>
<td><strong>FOREIGN LANGUAGES LEARNING PORTAL ARTICULATING THE INTERCULTURAL APPROACH WITH THE WEB BASED PARADIGM</strong></td>
<td>M. Muresan</td>
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13:00 **THE GAP BETWEEN THEORY AND PRACTICE IN PROFESSIONAL DEVELOPMENT ENGAGEMENTS: IMPLICATIONS FOR THE DEVELOPMENT OF A MATRIX FOR EFFECTIVE PROFESSIONAL DEVELOPMENT**  
* M. Kamarul Kabilan, A. Jaliil Ali, A. Hamzah, L. Lai Mei, N. Ahmad, C. Suet Fong

13:15 **EFFECTIVENESS OF MULTIMEDIA SUPPORT IN E-LEARNING OF LITERATURE**  
* P. Pandit
### ORAL SESSIONS TUESDAY AFTERNOON

**Pedagogical & Didactical Innovations**

*Session chair: Carol Wakeford. University of Manchester (UNITED KINGDOM)*

*Room: Mallorca*

**Tuesday, 10 of March**

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<td>A PROBABILISTIC SKILL MAP MODEL FOR ASSESSING LEARNING PROCESSES</td>
<td>P. Anselmi, L. Stefanutti, E. Robusto</td>
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<td>15:00</td>
<td>LEARNING IN VIRTUAL WORLDS</td>
<td>L. Kuznik</td>
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<td>15:15</td>
<td>MADE IN JAIL! - DEVELOPMENT AND IMPLEMENTATION OF AN E-SHOP TO FOSTER ENTREPRENEURIAL COMPETENCES AMONG ADULT PRISON INMATES</td>
<td>T. Kretschmer, T. Fischer</td>
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<td>15:30</td>
<td>LEARNING BY DESIGN: FORMATS FOR ONLINE ENQUIRY AND PROBLEM SOLVING</td>
<td>C. Wakeford</td>
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<td>16:00</td>
<td>INDEPENDENT LEARNING AND APPRENTICE EXAMINATION PERFORMANCE</td>
<td>M. Sneyd</td>
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<td>16:15</td>
<td>LEARNING FROM EPISTEMIC GAMES: A PILOT STUDY ON COMPUTER GAMES AT SCHOOL</td>
<td>C. Tomte, HC. Arnseth, M. Hontvedt</td>
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<td>16:30</td>
<td>A COMPETITIVE LEARNING STRATEGY IN TEACHING PROGRAMMING TO STUDENTS OF MATHEMATICS</td>
<td>M. Arevalillo-Herráez, X. Benavent, R. Ferris</td>
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# Educational Software & Serious Games

**Session chair: Elizabeth Terblanche. UNISA (SOUTH AFRICA)**

**Tuesday, 10 of March**

**Room: Menorca**

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<td>AN EFFICIENT SENTENCE-BASED PLAGIARISM DETECTION ALGORITHM</td>
<td>S.S. Lam, P.M. Choi</td>
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<td>ITUTORING: A LEARNING SUPPORT SYSTEM FOR DISTANCE LEARNING</td>
<td>P. M. Choi, S. S. Lam</td>
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<td>A NEW EDUCATIONAL SOFTWARE FOR THE KINEMATIC ANALYSIS OF SPATIAL MECHANISMS</td>
<td>V. Petuya, O. Altuzarra, CH. Pinto, A. Hernandez</td>
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<td>MOLECULAR MODELING IN SECONDARY EDUCATION</td>
<td>W. Buijs</td>
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<td>MYUNISA: SOCIAL AND EDUCATIONAL ELECTRONIC MEDIUM</td>
<td>E. Terblanche</td>
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<td>METHODS OF RUNNING A SIMULATION GAME</td>
<td>D. Scott, S. Al-jibouri, M. Mawdesley, G. Long</td>
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<td>INTERACTIVE VISION, MULTITUDINARY SOCIAL GAMES AND EDUCATIONAL VIDEO-CLIP PRODUCTION BY THE ES4FUN INNOVATION PLATFORM</td>
<td>J.M. González-Leal, J.A. Angel, S. Trasobares, J. Moreno</td>
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<td>GAME-BASED LEARNING: GENDER-SPECIFIC ASPECTS OF PARASOCIAL INTERACTION AND IDENTIFICATION</td>
<td>S. B. Linek, D. Albert</td>
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Research in Education: Academic Research Projects
Session chair: Helena Gião. University of Lisbon (PORTUGAL)

Tuesday, 10 of March

14:45 THE DEVELOPMENT OF METACOGNITION WITH PROBLEM-BASED LEARNING
  K. Downing

15:00 DECENTRALIZATION, SCHOOL GOVERNANCE AND TEACHING POLICIES: A COMPARATIVE STUDY IN PORTUGAL AND FINLAND
  H. Gião

15:15 SCIENTIFIC DISSEMINATION IN THE UNIVERSITY FRAMEWORK
  J.A. Jiménez de las Heras

15:30 ICT NON-AVAILABILITY AT HOME AS A POTENTIAL BARRIER FOR EDUCATIONAL DEVELOPMENT
  J. Basl

15:45 BELSIT PROJECT: DISSEMINATION AND KNOWLEDGE OF NATURAL AND CULTURAL RESOURCES IN THE BOLOGNESE APENNINE (ITALY)
  M. Gherardi, G. Vianello, L. Vittori Antisari, N. Zamboni

16:00 UNIVERSITY TEACHING AND RESEARCH: PARASITOSIS OR SYMBIOSIS?
  J. Oliver, A. del Moral

16:15 ACADEMIC RESEARCH PROJECTS AND NATIONAL DEVELOPMENT: CHALLENGES AND PROSPECTS IN THE DEVELOPING WORLD
  I. Abubakar

16:30 BEG, STEAL OR BORROW? THE CHALLENGES FACED BY BORROWING THE FAILURE MODE AND EFFECTS ANALYSIS METHOD TO ELICIT THE UNINTENDED CONSEQUENCES OF IMPLEMENTING ELEARNING IN THE HIGHER EDUCATION CONTEXT
  F. Boylan
Quality Assurance in Education  
*Session chair: Gökhan Özslan. Selcuk University (TURKEY)*

*Tuesday, 10 of March*  
*Room: Tabarca*

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<td>G. Ozaslan, O. Beyhan</td>
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<td>P. Mimero, P. Drasar, A. Lagana, A. Smith, K. Wahala</td>
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<td>QUALITY CHALLENGE IN IRAN’S HIGHER EDUCATION. STRUCTURAL OBSTACLES AND SOCIO-CULTURAL AND POLITICAL CONTEXTS. A &quot;COGNITIVE MAP&quot; FOR CHANGE AGENTS IN DEVELOPING COUNTRIES</td>
<td>M. Farasatkhah, M. Ghazi-Tabatabaei</td>
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<td>A. Puric, N. Zivkovic, D. Knezevic</td>
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<td>I. Janicijevic, V. Drobac, S. Bozic</td>
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<td>PROMOTING NEW INFORMATION TECHNOLOGY IN TEACHING: METHODOLOGY FOR EVALUATING LEARNING TOOLS IMPLEMENTED IN HIGHER EDUCATION SETTINGS</td>
<td>J. Flores, K. Salvador</td>
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<td>DEVELOPING COMPUTER-AIDED DESIGN SKILLS IN INDUSTRIAL CERAMIC DESIGN COURSES FROM THE 3RD YEAR: IMPLEMENTATION OF 3D SOFTWARES IN CERAMICS EDUCATION</td>
<td>E. Hakan</td>
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<td>COMPUTER APPLICATIONS FOR THE ACTIVE LEARNING OF THE ARCHITECTURAL CONSTRUCTION</td>
<td>A. Mas, &amp;. others</td>
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<td>SENSE OF PLACE IN THE WHITE CITY - GATHERING POTENTIAL- DEVELOPING CONCEPTUAL MODELS AND CREATING A UNIQUE ID HERITAGE AND SUSTAINABILITY IN INTERIOR DESIGN – STUDY LAB – ISRAEL</td>
<td>H. Arad, T. Yavetz-Chen, S. Karlinsky</td>
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<td>MATERIAL LIBRARIES AS A NEW EDUCATIONAL APPROACH IN DESIGN EDUCATION: AN INTERNATIONAL PARTNERSHIP AND NETWORK RESEARCH</td>
<td>B. Del Curto, D. Dantas</td>
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<td>MINOR MEDIA STUDIES MULTIPLE MEDIA IMAG(IN)ING IN ARCHITECTURE</td>
<td>H. Giró, M. Tamás</td>
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<td>FRAMING SPACE - CINEMATIC SPACE AS AN INSTRUMENT FOR UNDERSTANDING THE HUMAN-SPACE RELATIONSHIP STUDIO LAB – INTERIOR DESIGN SCHOOL</td>
<td>H. Arad, S. Sonnino, S. Karlinsky</td>
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<td>16:00</td>
<td>LEARNING ABOUT HERITAGE THROUGH ON SITE WORKSHOPS: THIRTEEN YEARS OF EXPERIENCES AT THE RINCON DE ADEMUZ</td>
<td>C. Mileto, F. Vegas Lopez-Manzanares</td>
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<td>C. Canbay Turkyilmaz, C. Polatoglu</td>
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Knowledge Management
Session chair: Mauro Sassu. University of Pisa (ITALY)

Tuesday, 10 of March

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<td>G. Eichler, K.-H. Lüke</td>
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<td>AN ONLINE PORTAL FOR INTERACTIVE SYSTEMS DESIGN IN RETAIL ENVIRONMENTS</td>
<td>C. Hu, L. Lau</td>
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<td>D. Zoubi, N. Rousan</td>
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<td>GLOBALIZATION, FACULTIES EFFICIENCY AND STUDENTS LEARNING AT UNIVERSITIES IN THE ARAB WORLD</td>
<td>D.M. Zoubi, N. Rousan</td>
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<td>A CONTENT ANALYSIS OF THE PORTRAYAL OF OLDER ADULTS IN MAGAZINE ADVERTISEMENTS IN MALAYSIA</td>
<td>T. Mohd Ismail</td>
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<td>LOW COST SEISMIC CONSTRUCTIONS: DESIGN AND DISSEMINATION IN DEVELOPING SOCIO-ECONOMIC AREAS</td>
<td>D. Romagno, M. Sassu</td>
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Psychology & Sociology in Education
Session chair: Tyler Page. Rhode Island College (UNITED STATES)

Tuesday, 10 of March

Room: Menorca

17:15 THE USE OF “INFLUENCE” IN EDUCATION: AN OUT-OF-THE-BOX APPROACH TO THE “BLACK BOX” OF LEADERSHIP PRACTICE
T. Page

17:30 DIMENSIONS OF AGGRESSION BEHAVIOUR AND RELATED DEMOGRAPHIC FACTORS: A COMPARATIVE STUDY ON HIGH SCHOOL STUDENTS AND UNIVERSITY STUDENTS
S. Eroglu

17:45 A STUDY ON THE LEVEL OF UNIVERSITY STUDENTS’S SELF-ESTEEM LEVEL: SELÇUK UNIVERSITY SAMPLE
O. Tasgin

18:00 THE INFLUENCE OF SOCIAL SUPPORT PERCEPTION AND SOCIO ECONOMIC STATUS ON CAREER DECISION MAKING SELF EFFICACY OF ELEMENTARY SCHOOL STUDENTS
H. Bozgeyikli

18:15 SELF EFFICACY BELIEFS AND LIFE SATISFACTION LEVELS OF TURKISH ADOLESCENTS: OBSERVATION WITH STRUCTURAL EQUATION MODEL
A. Isiklar, H. Bozgeyikli, S. Eroglu

18:30 THE ASPIRATIONS AND THE INCLUSIVE SOCIAL TENDENCIES OF CIVIC CULTURE IN THE ERA OF GLOBALIZATION A NEW PARADIGM: “CIVIC SOCIOLOGY” – EPISTEMOLOGICAL AND SOCIAL PREMISES
E. Nedelcu
**Education and Globalization**  
*Session chair: Salah Eddin Arkadan. Gulf University for Science & Technology (GUST) (KUWAIT)*

*Tuesday, 10 of March  
Room: Ibiza*

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<td>R.. Ahanchian, M. Ahanchian</td>
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<td>HAITI AND ITS LANGUAGES IN THE ERA OF GLOBALIZATION</td>
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<td>PARTNERSHIP FOR PROSPERITY: THE CASE OF THE GDLN AMERICA’S FOUNDATION</td>
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<td>IMPACT OF ORTHOGONAL CULTURES ON TECHNICAL TEAMS’ PERFORMANCE: AN EMPIRICAL STUDY</td>
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<td>AUSTRALIA AND KOREA AS DESTINATIONS FOR OVERSEAS VIETNAMESE STUDENTS</td>
<td>L. Phan</td>
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### General Issues: Education, Research & Development

**Session chair: Valeria Pandolfini. Università degli Studi di Genova (ITALY)**

**Tuesday, 10 of March**

**Room: Tabarca**

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<td>AN IMPLEMENTATION OF INTERDISCIPLINARY APPROACH IN THE ANADOLU UNIVERSITY FACULTY OF FINE ARTS, STUDENTS SUMMER SCHOOL- 2008</td>
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<td>THE TOOL OF INTERNET IN THE QUALITY POSTGRADUATE EDUCATION. AN APPLICATION TO THE MASTER OF VALUATION OF THE UPV</td>
<td>N. Guadalajara, E. de la Poza, I. Bartual</td>
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<td>V. Pandolfini</td>
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<td>SUPPORTING TKK WOOD TECHNOLOGY STUDENTS THROUGH EDUCATIONAL CHANGE</td>
<td>P. Lahti, L. Hauhio</td>
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<td>INFORMATION LITERACY SKILLS IN THE FIRST YEAR COURSES AT TWO SAUDI UNIVERSITIES : A COMPARATIVE STUDY</td>
<td>H. Alsereihy, N. Algoblan</td>
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<td>PROMOTING UNDERSTANDING AND APPRECIATION OF CULTURAL DIFFERENCES IN K-12 ENVIRONMENTS: INSTRUCTIONAL DESIGN OF AN INTERACTION ENVIRONMENT</td>
<td>K. Wijekumar</td>
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<td>A SURVEY APPLICANTS’OF ACADEMIC MOTIVES OF THE NATIONAL UNIVERSITY ENTRANCE EXAM</td>
<td>M. M. Ghadimi Moghadam, F. Hosini Tabatabaie</td>
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Organizational, Legal and Financial Issues in Education

Session chair: An Descheemaeker. K.U.Leuven Association (BELGIUM)

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<td>FACTORS INFLUENCING CONSUMER’S INTENTION TO USE MOBILE PAYMENT</td>
<td>T. Rattanawibul</td>
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<td>WASTE MANAGEMENT IN GREECE: FACTS AND LEGAL ISSUES</td>
<td>G. Metaxas, P. Anastasiadis</td>
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<td>THE OPINION OF THE STAFFS TO THE WELFARE MANAGEMENT IN SRINAKHARINWIROT UNIVERSITY</td>
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POSTER SESSIONS TUESDAY MORNING
Poster Session 1. New Technologies applied to Education

Tuesday, 10 of March

Room: Poster Room

• A CALCULUS COURSE WITH INTERACTIVE SUPPORT ON MOODLE
  M. Estela Carbonell, J. Saà-Seoane

• AN OPTICS VIRTUAL LABORATORY. DESIGN AND IMPLEMENTATION.
  A. Pons Martí, P. Andrés Bou, J. C. Barreiro Hervás, W. Furlan, M. Martínez Corral, J. A.
  Monsoriu Serra, H. Navarro Fructuoso, E. Sánchez Ortiga, G. Saavedra Tortosa, E. Silvestre
  Mora

• APPLICATION OF PROJECT BASED LEARNING IN EXPERIMENTAL SUBJECTS OF CHEMICAL
  ENGINEERING
  M. Sancho, J.M. Arnal, B. García-Fayos

• COMPARATIVE STUDY OF TWO EVALUATION METHODS FOR THE SUBJECT FOOD CHEMISTRY
  M.S. Prats Moya, S.E. Maestre, E. Paredes, M. Arrieta, A. Terol

• COMPUTER AIDED LEARNING IN BIOPHARMACY
  M. Bermejo, I. Gonzalez-Alvarez, M. Gonzalez Alvarez, VG. Casabo, J. Price, GL. Amidon

• CONCEPT MAPS AS LEARNING AND ASSESSMENT TOOLS IN HIGHER/ENGINEERING EDUCATION
  I. Romero Gil, J. González del Río-Rams, N. Laguarda-Miro, M. Pachés-Giner, Z. Hermosilla-
  Gómez, R. Martínez-Guijarro

• CONNECTING HIGH SCHOOL AND UNIVERSITY THROUGH SCIENCE POPULARIZATION
  G. Mínguez-Vega, LL. Martínez-León, M. Fernández-Alonso, E. Tajahuerce, J. Lancis, V.
  Climent

• DESIGN OF MULTIMEDIA MATERIALS FOR ON-LINE ACTIVITIES RELATED TO INSTRUMENTAL ANALYSIS
  SUBJECTS: INDUCTIVELY COUPLED PLASMA ATOMIC EMISSION SPECTROMETRY
  G. Grindlay, J. Montiel, L. Gras, J. Mora
• DEVELOPING COMPUTER-RELATED SKILLS IN ENGINEERING CAREERS FROM THE FIRST YEAR PHYSICS COURSE
  J.C. Castro, L. Velazquez, E. Crespo, J.A. Monsoriu

• DIFFICULTIES AND PROBLEMS OF LEARNING ENGLISH IN EXTREMELY RURAL PRIMARY SCHOOLS IN:
  IMPLICATIONS FOR MATERIAL DEVELOPMENT
  M. Kamarul Kabilan, N. Ahmad, A. Rashid Mohamed

• ELABORATION OF EDUCATIONAL MATERIAL FOR THE STUDENT’S SUPPORT IN THE SUBJECT OF
  ANALYTICAL CHEMISTRY IN THE CHEMICAL ENGINEERING DEGREE
  M.J. Ruiz-Angel, S. Carda-Broch, M. Rambla-Alegre, J. Esteve-Romero

• ENSCONET: E-WINDOW TO SEED BANKING
  D. Lázaro-Gimeno, E. Estrelles, A.M. Ibars

• ENVIRONMENTAL IMPACT ASSESSMENT IN ENGINEERING EDUCATION: A CASE STUDY
  J. González de Río Rams, I. Romero-Gil, N. Laguarda-Miró, M. Pachés-Giner, Z. Hermosilla-Gómez, R. Martínez-Guijarro

• INTRODUCTION OF QUESTIONNAIRES AS PART OF THE CONTINUOUS EVALUATION PROCESS IN FLUID
  MECHANIC ENGINEERING SUBJECTS
  L. Hernandez, J.E. Juliá, S. Chiva

• LAB WORK IN SUBJECTS RELATED TO HUMAN NUTRITION AND FOOD SCIENCES AREA AT THE
  UNIVERSITY OF ALICANTE. ANALYSIS OF THE PRESENT STATUS
  S.E. Maestre, A. Terol, E. Paredes, J.M. Martínez, M.S. Prats, J.C. Sanchez, J. Aguilar

• LEARN IT YOURSELF: HOW THE SAME COMPUTER-BASED CLASSES CAN BE USED IN UNIVERSITY
  TEACHING AND AS A SCIENTIFIC LITERACY TOOL

• MATLAB-BASED EDUCATIONAL SOFTWARE FOR DIFRACTIVE OPTICS
  F. Giménez, L. Remón, W.D. Furlan, A. Pons, J.A. Monsoriu
• MOBILE ADVERTISEMENT ENGINE AND MAPPING APPLICATION: A PLATFORM FOR RICH MOBILE SERVICES
  M. Samaka, A. Abu Dyaa, R. Alashqar, B. Saeed, N. Al-Sada, N. Naser

• MOBILE TECHNOLOGY: AN APPROACH TO EDUCATION SYSTEM
  A.P. Tripathi

• MULTIMEDIA-BASED METHODOLOGIES VERSUS TRADITIONAL PROBLEM SOLVING IN INTRODUCTORY PHYSICS
  LL. Martínez-León, G. Mínguez-Vega, M. Fernández-Alonso, E. Tajahuerce, J. Lancis, V. Climent

• PRESENTATION OF SPF: THE ONLINE LIFELONG LEARNING SYSTEM OF THE ITALIAN MINISTRY OF LABOUR
  R. Gatti

• PROJECTGRAMS AND DLXPLUS: VISUAL TOOLS FOR COMPUTER ARCHITECTURE AND ORGANIZATION EDUCATION
  J. A. Reyes, P. I. Bautista, A. Cruz, A. C. Rio, M. Diaz, A. Lambino, C. Po

• STUDENTS’ PERCEPTION OF USING-BLOG-ON-TEACHING: A CASE STUDY IN THE DEPARTMENT OF JOURNALISM
  H.W. Liu

• THE APPRAISAL OF THE USE OF SOCIAL NETWORK PLATFORM FACEBOOK AS A SUPPORTIVE LEARNING TOOL FOR INFORMATION AND COMMUNICATION TECHNOLOGIES AND, AS A COLLABORATIVE EXPERIENCE FOR THE TURKISH STUDENTS
  O. Tingoy, A. Duvenci, C. Aytekin, B. Degerli

• THE RELATIONSHIP BETWEEN WORK PLACEMENT AND FINAL YEAR PROJECT. A PROPOSAL FOR ACTION TUTORIAL TO GUIDE THE STUDENTS IN THIS WORK
  I. Sanz, M.D. Sanz-Berzosa, J. Mª. Torralba-Martínez

• THE ROLE OF PORTFOLIO IN EUROPEAN HIGHER EDUCATION SYSTEM. A METHODOLOGY OF EVALUATION
  Mª. D. Sanz-Berzosa, I. Sanz, J. Mª. Torralba-Martínez
• **THE “ARDILLA” PLATFORM FOR C/C++ PROGRAMMING PRACTICES**
  *D. Ubeda, A. Gil, J.A. Lucas, L. Paya, O. Reinoso*

• **TOWARDS A MORE SOCIAL DIGITAL LIBRARY**
  *A. Sánchez, L. Iriarte, M. Marco, P. Pernías*

• **USE OF SPREADSHEETS AS A PEDAGOGICAL POWERFUL TOOL FOR STUDENTS AUTOEVALUATION**
  *J.R. Portela, I. de Ory Arriaga, E. Durán Guerrero*
POSTER SESSIONS TUESDAY AFTERNOON
Poster Session2. Research & International Projects & University-Industry Collaboration

Tuesday, 10 of March Room: Poster Room

- A QUANTITATIVE STUDY EXAMINING THE QUALITY OF LIFE (QOL) AND HBA1C OF ADULTS WITH TYPE 1 DIABETES MELLITUS (T1DM); A DAFNE STUDY
  L. Jeyes, E. Evans, P. Mansell, G. Adams

- ANALYZING THE EFFECTIVE PLAN FOR PRODUCTION, TRANSMISSION, APPLICATION OF APPROPRIATE TECHNOLOGY FOR EXPLOITATION OF NATURAL RESOURCE "ON THE EXPORTER’S WORK OF DEPARTMENT OF FOREST OF IRAN"
  M. Arfaee, M. Shariati

- CLINICAL LEARNING IN POSTGRADUATE EDUCATION: A BLEACHING SYSTEM WITH OR WITHOUT LIGHT ACTIVATION
  J. Oteo Calatayud, A. Oteo Zaccagnini, C. Oteo Calatayud, M.D. Oteo Calatayud

- CLINICAL LEARNING IN UNDERGRADUATE DENTAL EDUCATION: A LIGHT AND HEAT ACTIVATED BLEACHING SYSTEM
  J. Oteo Calatayud, H. Sawas, M.D. Oteo Calatayud, C. Oteo Calatayud

- CONTINUING INTERCULTURAL PROFESSIONAL DEVELOPMENT IN EUROPE (CIPDE)
  A. Britton, M.A. McMahon

- DESIGN OF FUNCTIONAL FOODS: UNIVERSITY-INDUSTRY COLLABORATION PROJECTS
  MJ. García-Nebot, A. Alegría, R. Barberá, MJ. Lagarda, F. Romero

- DEVELOPMENT OF AN INSTRUMENT FOR ASSESSING ELEMENTARY STUDENTS’ SCIENTIFIC LITERACY ON READING SCIENCE TEXTS
  J.-R. Wang, S.-W. Lin, H.-L. Kao, S.-F. Chen

- DO FUTURE TEACHERS HAVE REALISTIC EXPECTATIONS CONCERNING COLLABORATION IN A SCHOOL ENVIRONMENT?
  L. Portelance, S. Martineau, A. Presseau

- E-LEARNING GAP ANALYSIS USING AI ALGORITHMS
  JM. De Blas, JM. Gutiérrez, JJ. Martínez, R. Barchino
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