

INTED **2010**

International Technology, Education and
Development Conference

Valencia (Spain)
8th-10th of March, 2010

CONFERENCE **PROGRAMME**

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J. L. Bernat Tomás

WELCOME INTRODUCTION

Dear INTED2010 participants,

It is a great honour to welcome you to this fourth 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 6 th 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 6 th 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

	Room: Mallorca	Room: Menorca	Room: Ibiza	Room: Tabarca	Room: Formentera	Room: Poster Room
08:00	Registration 08:00 - 09:00					
08:30	Welcome Speech (Room Jardin) 09:00 - 09:45					
09:00	Coffee Break (Room Valencia) 09:45 - 10:15					
09:30	Coffee Break (Room Valencia) 09:45 - 10:15					
10:00	Coffee Break (Room Valencia) 09:45 - 10:15					
10:30	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 Session1. Technological Issues & Computer Supported Collaborative Work 10:15 - 13:30
11:00						
11:30						
12:00						
12:30	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	
13:00						
13:30	Lunch Buffet (Room Jardin + Valencia + Palau) 13:30 - 14:45					
14:00	Lunch Buffet (Room Jardin + Valencia + Palau) 13:30 - 14:45					
14:30	Lunch Buffet (Room Jardin + Valencia + Palau) 13:30 - 14:45					
15:00	Pedagogical & Didactical Innovations (1) 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	Poster Session2. Educational Software and Serious Games & Pedagogical & Didactical Innovations 14:45 - 19:00
15:30						
16:00						
16:30						
17:00	Coffee Break (Room Valencia) 16:45 - 17:15					
17:30	Coffee Break (Room Valencia) 16:45 - 17:15					
18:00	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	
18:30						
19:00						

OVERVIEW: TUESDAY, 9th MARCH 2010

	Room: Mallorca	Room: Menorca	Room: Ibiza	Room: Tabarca	Room: Formentera	Room: Poster Room
08:00						
08:30						
09:00						
09:30	Experiences in Education. New projects and innovations (1) 08:45 - 10:30	Technology-Enhanced Learning (1) 08:45 - 10:30	Teacher and Pre-service Teacher Education Experiences 09:00 - 10:30	Curriculum Design and Innovation 08:45 - 10:30	Foreign Languages: Experiences in Education 08:45 - 10:30	
10:00						
10:30	Coffee Break (Room Valencia) 10:30 - 11:00					Poster Session1. Experiences in Education and Research & International Projects 08:45 - 13:30
11:00						
11:30						
12:00	Experiences in Education. New projects and innovations (2) 11:00 - 13:30	Technology-Enhanced Learning (2) 11:00 - 13:30	International Projects 11:00 - 13:30	Curriculum Design and Innovation. Strategies, Principles and Challenges 11:00 - 13:30	Foreign Languages: Pedagogical & Didactical Innovations 11:00 - 13:30	
12:30						
13:00						
13:30	Lunch Buffet (Room Jardin + Valencia + Palau) 13:30 - 14:45					
14:00						
14:30						
15:00						
15:30	Experiences in Education 14:45 - 16:45	Technological Issues in Education 14:45 - 16:45	Barriers to Learning & Diversity Issues in Education 14:45 - 16:45	New Experiences for Curriculum Design 14:45 - 16:45	Health Sciences: Experiences and Pedagogical & Didactical Innovations 14:45 - 16:45	Poster Session2. Curriculum Design, University-Industry Collaboration, Quality Assurance & Higher Education Area 14:45 - 19:15
16:00						
16:30						
17:00	Coffee Break (Room Valencia) 16:45 - 17:15					
17:30						
18:00	New Trends in the Higher Education Area 17:15 - 19:15	Research on Technology in Education 17:15 - 19:00	General Issues. Education and Globalization 17:15 - 19:15	Research in Education 17:15 - 19:15	General Issues. Education & Development 17:15 - 19:00	
18:30						
19:00						
19:30	Closing Honour Wine (Room Jardin) 19:15 - 20:15					
20:00						

CONFERENCE ROOMS

GROUND FLOOR

Entrance
Hall

End of the
Hall Stairs

Formentera

Tabarca

Palau
(Lunch Buffet)

FIRST FLOOR

Menorca

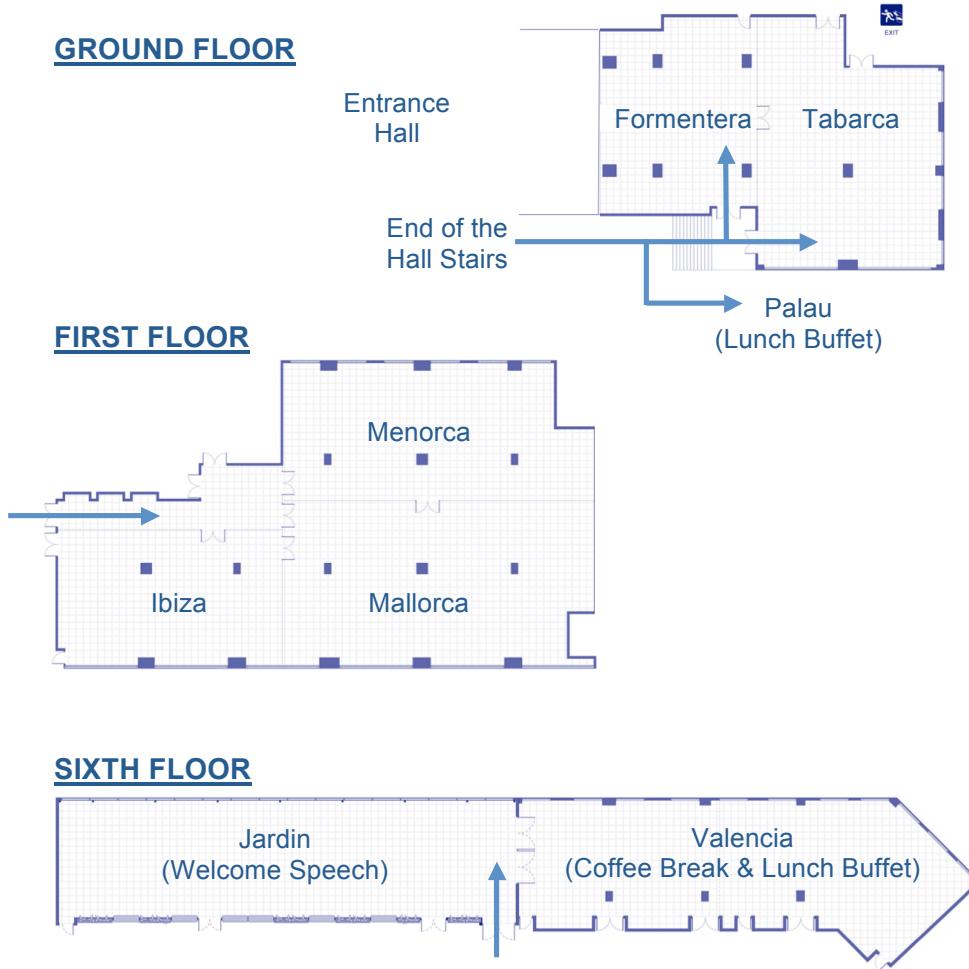
Ibiza

Mallorca

SIXTH FLOOR

Jardin
(Welcome Speech)

Valencia
(Coffee Break & Lunch Buffet)



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OPENING SESSION*Monday, 8th of March**Room: Jardin (6th floor)***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. Ridy, 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*

10:15 THE NEXT STEP FOR ELEARNING: USING FLASH ANIMATION TO CREATE SERIOUS LEARNING GAMES FOR THE LITTLEST LEARNERS

F. Passantino

10:30 THE PRIMEGAME: COMBINING SKILLS IN UNDERGRADUATE COMPUTER SCIENCE PROGRAMMES

M. Meyer, J. Fendler

10:45 CREATING SUCCESSFUL GLOBAL TEAMS WITH STRATEGIC MANAGEMENT SIMULATION SOFTWARE

G.M. Hellstern, B. Kibler, J. Ozga

11:00 NON-INVASIVE DATA TRACKING IN EDUCATIONAL GAMES: COMBINATION OF LOGFILES AND NATURAL LANGUAGE PROCESSING

S.B. Linek, G. Öttl, D. Albert

11:15 USING A VISUAL TOOL TO GUIDE STUDENTS IN THE COMPLEX PROCESS OF LEARNING FUZZY WEIGHTED INFORMATION RETRIEVAL SYSTEMS

A.G. Lopez-Herrera, S. Alonso, F.J. Cabrerizo, C. Porcel, M.J. Cobo, E. Herrera-Viedma

11:30 EXPERIENCES USING AN OPEN SOURCE SOFTWARE LIBRARY TO TEACH A COMPUTER VISION SUBJECT

M. Cazorla, D. Viejo

University-Industry Collaboration

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

Monday, 8th of March

Room: Ibiza

10:15 EDUCATION FOR THE REAL WORLD

D. Phillips

10:30 JOB MATCHING IN RECENT GRADUATES: HOW TO ACHIEVE QUALITY EMPLOYMENT

R. Burriel, M.I. Beas

10:45 PROMOTING INTERNATIONAL UNDERSTANDING, WELLNESS, AND ACTIVE LIVING THROUGH INTERNATIONAL GERI OLYMPICS AND INTERGENERATIONAL PROGRAMMING

T. Muilenburg

11:00 BRIDGING THE ACADEMIC – INDUSTRY DIVIDE

G. Kachen, J. Murthi, R. Malloy, S. Tello

11:15 INTERNATIONAL ENERGY TECHNOLOGY COLLABORATION AND LESSONS LEARNT

S. Isbarn, R. Amin

11:30 THE ROLE OF UNIVERSITIES ON THE INNOVATION PROCESS OF INDUSTRY AS A KNOWLEDGE SOURCE

O. Araci, I. Gulenc

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

e-learning & Blended Learning (2)**Session chair: Immacolata Scancarello. CILEA Interuniversity Consortium (ITALY)***Monday, 8th of March**Room: Mallorca*

12:00 WHAT WE CAN LEARN FROM OUR STUDENTS? USE OF STUDENT REFLECTIONS AS TOOLS TO IMPROVE TEACHING STRATEGIES

S. O' Sullivan, H. McGlynn

12:15 BLENDING E-PORTFOLIO WITH THE ASSIGNMENTS IN CHINESE WRITING SYLLABUS : A PILOT STUDY

W.S. Chan, K.K. Chiu, C.Y. Ho, L.M. Chan

12:30 PILOT FAD, SOME GOOD EXAMPLES IN ELEARNING

G. Limongiello, S. Bozzini, I. Scancarello

12:45 OPENSEMINAR IN RESEARCH ETHICS: ASSESSMENT OF A WEB-BASED APPROACH TO RESEARCH ETHICS EDUCATION

D. Edelman, G. Comstock

13:00 2020 VISION: THE FUTURE OF EDUCATION THROUGH TECHNOLOGY

F. O'Carroll

13:15 ELEARNING FRAMEWORKS: A SURVEY

R. Queirós, J.P. Leal

Educational Software and Serious Games (2)

Session chair: Eugenia Bossio. University of Calabria (ITALY)

Monday, 8th of March

Room: Menorca

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:
COSPIATIAL**

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

12:00 USING A COLLABORATIVE ENVIRONMENT IN THE TEACHING OF ELECTRIC CIRCUITS THEORY

R.J. Durán Barroso, A. Bahillo, N. Merayo, P. Fernández, I. de Miguel, J.C. Aguado, R.M. Lorenzo, E.J. Abril

12:15 DIGITAL SIGNAL PROCESSING APPLIED TO MUSICAL HYPER INSTRUMENTS

C. Hernández Franco, K. Kelber

12:30 EXPERIENCES WITH NEW ONLINE SIMULATOR SERVICES IN PROBLEM BASED LEARNING IN SKILLS UPGRADING PROCESSES

J. Stav, E. Engh, T. M. Thorseth

12:45 TRANSVERSAL COMPETENCE EVALUATION IN THREE SUBJECTS OF THE DEGREE OF AGRONOMICAL ENGINEERING (HORTICULTURAL CROP PRODUCTION AND GARDENING) AT THE UNIVERSITAT JAUME I OF CASTELLÓN

M. Hurtado

13:00 INCORPORATING DISTRIBUTED CONTROL SYSTEM-BASED MANUFACTURING INTO UNDERGRADUATE CHEMICAL ENGINEERING EDUCATION

D. Chen, P. Richmond, Q. Xu, J. Gossage

13:15 SYNERGISTIC BENEFITS OF ART AND MECHATRONIC ENGINEERING COLLABORATION

E. Bennett

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. Iordan

16:30 **SOME USES AND APPLICATIONS OF CONCEPT MAPS IN THE TEACHING OF CHEMISTRY**

C. Aguirre-Pérez, R. Fernández-César

Computer Supported Collaborative Work. Web 2.0 and Social Networking
Session chair: Martin Racine. Concordia University (CANADA)

Monday, 8th of March

Room: Menorca

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

15:15 THE WOMEN IN ENGINEERING AND THE BUILT ENVIRONMENT PROGRAMME AT THE UNIVERSITY OF JOHANNESBURG: AN OVERVIEW OF ITS STRATEGIC FOCUS AND DEVELOPMENT SINCE 2006

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 CAMERA – 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

14:45 **E-LEARNING PLATFORMS AND HUMANITIES EDUCATION THE CASE OF A HUMANITIES DISCIPLINE AT THE UNIVERSITY OF BOTSWANA**

I. Ikpe

15:00 **THE EFFECTIVENESS OF RECORDED VOICE FEEDBACK IN AN ONLINE COURSE AT A SMALL COLLEGE**

G. Dell

15:15 **ONLINE TUTORING IN CLASSICS: A WAY OF FAMILIARIZING THE STUDENTS WITH THE USE OF TECHNOLOGIES IN LEARNING ACTIVITIES**

D. Vlachopoulos, L. González Julià, P. Gómez Cardó

15:30 **ART EDUCATION IN ACTION – A MULTIDISCIPLINARY APPROACH TO TEACHING AND LEARNING. COLLABORATIVE MULTIMEDIA EDUCATIONAL PROJECT INVOLVING ART EDUCATORS, CONTEMPORARY ARTISTS AND A GALLERY**

A.M. Morrin

15:45 **THE THIRD WAY: USING WEB 2.0 RESOURCES IN UNIVERSITY TEACHING**

T. Carney

16:00 **E-LEARNING FOR HEALTH AND COMMUNICATION DESIGN**

J. Osmond, J. Bleetman

16:15 **THE USE OF ANIMATION IN EDUCATION AND ‘KARAGÖZ ACADEMY’ AS A SAMPLE STUDY**

F. Kaba

16:30 **CREATIVE METHODS OF INTERPRETING PROSPECTS: AN INTERNATIONAL COOPERATIVE WORKSHOP BY THE SCULPTURE DEPARTMENT: THE STUDENT SHOULD BE AWARE OF HIS/HER CAPACITY**

C. Öztürk

Pedagogical & Didactical Innovations (2)**Session chair: Sosama Shata. Qatar University (QATAR)***Monday, 8th of March**Room: Mallorca*

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

E. Corkery, F. Cronin, A. Grannell, R. Dool, A. Kenny, K. O'Sullivan, F. Hernandez Fernandez, E. Murphy, M. Carroll, R. Hourihane, J. Madden, D. McCarthy, S. Murphy, J. O'Keeffe, L. O'Sullivan, J. Poirier

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

Room: Menorca

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

K. Wijekumar, E. J. Meidinger, D. Baxa, J. Crossland, M. Guantonio, D. Locca, A. Petruccelli, I. Stewart

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**Room: Ibiza*

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' POSITIVE 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**Room: Formentera*

17:15 INNOVATIVE RECRUITMENT TECHNOLOGY AND CLIMATE CHANGE BENEFITS*A. Hartley, H. Ratnayake*

17:30 BEYOND APTITUDE. ATTITUDE DEVELOPMENT AS A KEY TO SUCCESS?*T. del Val, S. Ramón Torres, F. Canto Ventas, R. Castaño Sanchez*

17:45 ENHANCING EDUCATIONAL COLLABORATIVE EXPERIENCE THROUGH USE OF ENGLISH LANGUAGE IN BUSINESS AND ECONOMICS AT THE UNIVERSITY OF CANTABRIA*M. Alonso, A. Hadzelek*

18:00 KEY ACADEMIC PERFORMANCE INDICATORS FOR STAFF AT COMPREHENSIVE UNIVERSITIES*S. Rajkaran, K.J. Mammen*

18:15 USING BLENDED LEARNING TO DEVELOP COLLABORATION AND COMMUNICATION SKILLS IN HIGHER EDUCATION*M. Bermejo, A. Díaz de Junguitu*

18:30 THE IMPACT OF PODCAST IN STUDENT'S LEARNING OUTCOMES*N. Oriaku*

18:45 A NOVEL WAY OF PROVIDING ELECTRONIC FEEDBACK FOR ASSESSMENT IN HIGHER EDUCATION*L. Tipi*

POSTER SESSIONS MONDAY MORNING

Poster Session1. Technological Issues & Computer Supported Collaborative Work

Monday, 8th of March

Room: Poster Room

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- **COLLABORATIVE WORK THROUGH THE USE OF BLOGS AS A METHODOLOGY FOR TEACHERS COLLEGE EDUCATION: REFLECTIONS FROM ITS PRACTICAL APPLICATION**
A. Lledó, G. Lorenzo

 - **COMPARISON BETWEEN DIFFERENT PLATFORMS AND COMPLEMENTARY TOOLS USED IN THE UNIVERSITARIAN SCHOOL OF TECHNICAL ARCHITECTURE OF MADRID**
G. de Ignacio, E. Tremps, C. Viñas, J.I. Vicens, J.C. Losada, F.J. Maganto, J. A. Somolinos, A. García, C. Morón

 - **COMPUTER MEDIATED MULTIMEDIA CLIP: A NEW WAY IN TECHNOLOGY-MEDIATED INSTRUCTION**
A. Shahini, M.S. Lavasani

 - **CURRENT PRACTICES IN ONLINE LEARNING**
C. Morón, G. de Ignacio, J.I. Vicens, E. Tremps, F.J. Maganto, C. Viñas, J.A. Somolinos, A. García

 - **E-LEARNING AND EDUCATION IN IRAN**
N. Karkeh Abadi, F. Lashgarara

 - **EXPLORING THE ROLE OF WIKIS AS A COLLABORATIVE TECHNOLOGICAL RESOURCE FOR COMPETENCY-BASED LEARNING**
A. Márquez-García, R. Puentes-Poyatos, M. Garrido-Álvarez, M. Moreno-Martos

 - **INFORMATION AND COMMUNICATION TECHNOLOGIES IN EDUCATION - A WEB-BASED INTELLIGENT TUTORING SYSTEM ON TEACHING AND LEARNING ELECTRICAL PROJECT**
A. Gomes, Z. Vale, L. Faria

 - **LIAISING WITH LIVESCRIBE: FIRST TIME REFLECTIONS WITH A MAGIC PEN**
G. Salama

 - **SOCIAL TOOLS IN E-LEARNING: PRACTICAL EXAMPLES**
H. Passos
-

- **STUDENTS' TECHNOLOGICAL ECOSYSTEMS**
C. Hernández Franco

- **THE ATTITUDE OF INTERIOR ARCHITECTURE EDUCATION TOWARDS DIGITAL DESIGN**
K. Güler

- **THE EFFICACY OF WEB PROBLEM BASED LEARNING VERSUS TRADITIONAL DISCIPLINE LEARNING IN BIOMEDICAL SCIENCES**
K. Heissam, A. Sandokji, A. El-Badry

- **THE HUMAN GENOME PROJECT: AN OPPORTUNITY FOR INTERNATIONAL EDUCATION**
M. Temple

- **THE IMPORTANCE TO DIFUSE HEALTH SCIENCE AND TECHNOLOGY INFORMATION IN "LA COMUNIDAD VALENCIANA"**
M. González, I. González, M. Bermejo

- **THIS IS A TIME THAT THE QUALITY OF E-LEARNING IN DEVELOPING COUNTRIES SHOULD BE IMPROVED AS AN ESSENTIAL DEMAND**
M.H. Hosseini, M. Salahi

- **USING TECHNOLOGY TO TRAIN BEHAVIORAL SPECIALISTS TO MEET THE CHALLENGE OF RISING RATES OF AUTISM**
C. Mandell, R. Fleming, R. Siegel

- **USING THE MOODLE ACTIVITY "DATABASE" TO SUPPORT SELF-LEARNING AND COLLABORATIVE PROBLEM SOLVING IN SOIL SCIENCE**
A. Moliner, C. Diéguez, J. Gallardo, M. Benito, J. Almorox, C. Hontoria, A. Masaguer, J. Pérez, J. Santano

- **USING TWITTER TO COMMUNICATE CONCISE INFORMATION TO YOUR STUDENTS**
A. Guadix, M.C. Almecija, E. Guadix

- **WEBLOGS. ANALYSIS AND EVALUATION GUIDE PROPOSAL**
N. Baltazar, M. Fandos Igado, I. Aguaded

- **YOUNG RESEARCHERS CLUB BLENDED LEARNING SYSTEM: A NEW INSTRUCTIONAL PLATFORM**
S. Mahdi, K. Mansour Lakouraj, M. Shariatmadari

POSTER SESSIONS MONDAY AFTERNOON

Poster Session2. Educational Software and Serious Games & Pedagogical & Didactical Innovations

Monday, 8th of March

Room: Poster Room

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- **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”**
N. Laguarda-Miro, J. Gonzalez del Rio-Rams, I. Romero-Gil, M. Pachés-Giner, Z. Hermosilla-Gomez, R. Martínez-Guijarro

 - **AUDIO-VISUAL TECHNOLOGIES WITH DIDACTIC CHARACTER FOR THE PRACTICAL TEACHING IN THE AREA OF PHYSIOLOGY**
I. López Aliaga, J. Díaz-Castro, M.J. Alférez, T. Nestares, M. López Frías, M.S. Campos

 - **COMMUNITY HEALTH COURSE AT SCHOOL OF PUBLIC HEALTH “ANDRIJA ŠTAMPAR” SCHOOL OF MEDICINE UNIVERISTY 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

- **EXPERIENCES IN THE STUDENTS' ASSESSMENT IN A COMPUTER SCIENCE APPLIED TO ENGINEERING SUBJECT**
D. Ubeda, A. Gil, L. Paya, O. Reinoso, L. Fernandez

- **FIRST PRACTICE IN GUIDED LEARNING FOR UNIVERSITY TEACHING QUALITY**
M.R. Luque Aznar, C.M. González Domenech, I. López Aliaga

- **FOR THE LOVE OF THE GAME: YOUNG WOMEN, VIDEO GAMING AND MEDIA**
A. Jones

- **ON THE QUESTIONNAIRES AS AN ACTIVE TEACHING METHOD**
J.M. Sepulcre, J.C. Navarro, L. Segura

- **REPLAY PROJECT: GAMING TECHNOLOGY PLATFORM FOR SOCIAL REINTEGRATION OF MARGINALISED YOUTH**
F. Ibañez, F. Fabregat, J. Playfoot, M. Costa, S. Torres

- **SIMULATION IN PRE-CLINICAL NURSING CURRICULUM AS A MEANS OF IMPLEMENTING EVALUATION AND ASSESSMENT**
A.P.L. Jacobsen, S. Ottestad

- **SOME TEACHING INNOVATION ATTEMPTS IN THE SUBJECT "PRINCIPLES OF CHEMISTRY"**
D. Guijarro, I.M. Pastor, M. Yus

- **SUGI – AN E-LEARNING PORTAL AND TRAINING SYSTEMS FOR GRID AND CLOUD COMPUTING**
M. Seifert

- **TEACHING: VIRTUAL OR PRESENTIAL TUTORSHIPS. APPLICATION TO EXPERIMENTAL SUBJECTS AT THE CHEMICAL ENGINEERING FIELD**
A. Elias, N. Azpiazu, L. Gurtubay, G. Ibarra, N. Rojo, G. Gallastegi

- **VIRTUAL DIGITAL ELECTRONICS LABORATORY**
S. Katti

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. Lùperi

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. Verliefdde, 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 DISTRICT 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

08:45 EMPOWERING YOUTH VOICE IN THE “EDUCACIÓN PARA LA CIUDADANIA” CLASS IN SPAIN

J.L. Alba, K. Owens, M.J. López Latorre, R. Bañuls Egeda

09:00 TRANSFERABLE SKILLS AND LIFELONG LEARNING

G. Endrawes

09:15 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

C. Blue

09:30 STRUCTURING ONLINE DISCUSSIONS TO PROMOTE MEANINGFUL EXCHANGES

L. Grant, B. Frye

09:45 CONVERTING A TECHNICAL ORIENTED COURSE TO PROBLEM BASED LEARNING – A FIRST CONCEPTUAL COURSE DESIGN

H. Wahl, C. Kaufmann, A. Mense

10:00 GERIATRIC SOCIAL WORK PRACTICE: A DISTANCE WEB-BASED GRADUATE COURSE

P. Cunningham

10:15 THE PERSON-IN-ENVIRONMENT CLASSIFICATION SYSTEM FOR SOCIAL FUNCTIONING PROBLEMS

P. Cunningham

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

J. Stav, K. L. Nielsen, G. Hansen-Nygård, T. M. Thorseth, R. Bergh, K. Bjørkli, K. Arnesen, R. P. Pein, J. Lu

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

11:00 **VIRTUAL TEACHER PREPARATION: TRANSITIONING FROM ON-GROUND CLASSES TO ONLINE COURSES**
B. Barrett

11:15 **FUTURESTORY - LEARNING WITH DIGITAL STORYTELLING**
K. Kumpulainen, H. Mikkola, R.L. Korkeamäki, M. Pitkänen

11:30 **LEARNING EXPERIMENTAL SCIENCES LABORATORY SKILLS THROUGH LEARNING OBJECTS**
A. Quesada, M.R. Ariza

11:45 **USE OF THE DUET SOFTWARE DEVELOPMENT SYSTEM FOR UNIVERSITY-WIDE WEB BASED APPLICATION DEVELOPMENT**
D. Edelman, M. Bostrom

12:00 **LEARNING FROM MULTIPLE PERSPECTIVES IN MULTI-DISPLAY LEARNING SPACES**
B. Bligh

12:15 **USING TECHNOLOGY FOR ENGLISH LANGUAGE LEARNING (U-TELL)**
W.L. Lee

12:30 **BUSTING SHAKESPEARE: THE TEL WAY**
S. Alderdice, S. Brodie

12:45 **SIMULATIONS VERSUS HANDS-ON PROJECTS' EFFECT ON STUDENTS' INCLINATIONS TOWARDS ENGINEERING AND TECHNOLOGY EDUCATION**
S. Balawi, M. Al Jarrah

13:00 **HOW USE OF INFORMATION TECHNOLOGY LEADS TO BUSINESS PROCESS CHANGE WITH PERSPECTIVE OF EPC COMPANIES IN IRAN**
M.H. Hosseini, M. Salahi

13:15 **IMPACT OF NEW TECHNOLOGY ON INTERIOR DESIGN EDUCATION AND ITS DELIVERY**
V. Jani

International Projects**Session chair: Mary Ann Forgey. Fordham University (UNITED STATES)***Tuesday, 9th of March**Room: Ibiza*

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

Foreign Languages: Pedagogical & Didactical Innovations**Session chair: Yu-Li Chen. Lunghwa University of Science and Technology (TAIWAN)***Tuesday, 9th of March**Room: Formentera*

11:00 LANGUAGE, CULTURE AND PEDAGOGY: A STUDENT TEACHER COURSE IN FRENCH
M. Rouxel-Cubberly

11:15 PUPIL VOICE IN INTERNATIONAL INTERNET-BASED RESEARCH NETWORKS
A.B. Larsen

11:30 USING STREAMING VIDEO WEBSITES (YOUTUBE) AS A TOOL FOR SELF AND PEER EVALUATION IN SECOND LANGUAGE LEARNING
S. Maclsaac

11:45 APPLYING EFFECTIVE TOOLS FOR LEARNING ENGLISH WHILE DEVELOPING EXAM TAKING SKILLS FOR THE BEC HIGHER EXAMINATION
K. Eissner

12:00 THE EFFECT OF TALKER VARIABILITY ON COMPREHENSION OF FOREIGN-ACCENTED ENGLISH: A COGNITIVE LOAD THEORY APPROACH
Y. Gao, R. Low, J. Sweller, P. Jin

12:15 ICT USE AND ENGLISH AS A FOREIGN LANGUAGE TEACHERS' TEACHING BELIEF IN TAIWAN
Y.L. Chen

12:30 INNOVATION IN LANGUAGE TEACHING: LEARNING THROUGH PERFORMING ARTS
M. Bahloul

12:45 EFFECTS OF LEXICAL COHESION AND MACRORULES ON EFL STUDENTS' MAIN IDEA COMPREHENSION
S. Wilawan

13:00 AN ACTION RESEARCH: HOW TO HELP B1 AND B2 LEVEL LANGUAGE LEARNERS TO FIGHT AGAINST C1 AND C2 LEVEL DEPARTMENTAL COURSES VIA GRAMMAR TRANSLATION
O.S. İnamlik

13:15 EFFECTIVENESS OF ELT DISTANCE PROGRAMS: A CASE STUDY
N. Shariatmadari, S. Mahdi, M. Shariatmadari

ORAL SESSIONS TUESDAY AFTERNOON

Experiences in Education

Session chair: Penelope Bidgood. Kingston University (UNITED KINGDOM)

Tuesday, 9th of March

Room: Mallorca

14:45 **MEASUREMENT AND TRAINING ON-LINE OF EMOTIONAL INTELLIGENCE AND COMPETENCES, AND RELEVANT CRITERION AND SOCIO-DEMOGRAPHIC VARIABLES IN CAREER STARTERS**

V. Zammuner

15:00 **A STATISTICAL ANALYSIS OF FACTORS AFFECTING SUCCESS IN NATIONAL VOCATIONAL QUALIFICATIONS IN THE UK**

P. Bidgood, N. Saebi, S. May

15:15 **DEVELOPMENT OF MULTIDISCIPLINARY WORKSHOPS BETWEEN DIFFERENT SUBJECTS AS AN INNOVATIVE TEACHING METHODOLOGY FOR THE ACQUISITION OF PROFESSIONAL SKILLS OF THE FUTURE ARCHITECT**

B. Piedecausa García, C. Pérez Carramiñana, M. Mateo García

15:30 **IS "BEETHOVEN" ONLY THE NAME OF A DOG? MUSIC AND MUSIC LISTENING EDUCATION AS EDUCATION OF THE CITIZEN**

P. Somigli

15:45 **LITTLE GRUB READING KIT- BREAKING DOWN THE BARRIERS FOR VISUALLY IMPAIRED CHILDREN**

P. Morris

16:00 **ASSESSING COMPETENCES**

J. Juandó Bosch, M.L. Pérez Cabaní

16:15 **A STUDY OF RELATIONSHIP BETWEEN COGNITIVE AND LEADERSHIP STYLE OF THE PRESIDENTS OF IRANIAN UNIVERSITIES AND INSTITUTIONS OF HIGHER EDUCATION**

N. Nourshahi

16:30 **EXPLORING THE RELATIONSHIP BETWEEN DIGITAL COMPETENCE, PARTICIPATION IN WEB 2.0 COMMUNITIES, THE USE OF LEARNING MANAGEMENT SYSTEM, ACADEMIC PERFORMANCE AND FAMILY BACKGROUND**

O.E. Hatlevik, O. Berge, V. Kløvstad, J. H. Skaug

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 (EWC) 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

14:45 DODGING THE BULLET OF IMPORTED TEXTBOOKS: USING STUDENT ESSAYS AS MODELS FOR STUDENT WRITERS

C. Horger

15:00 RED DE OPORTUNIDADES: CONDITIONAL CASH TRANSFER EVIDENCE FROM PANAMA

I. Arraiz, S. Rozo

15:15 HIV / AIDS IMPACT ON STUDENT LIFE

D. Ionescu

15:30 STRATEGY FOR ENGINEERING EDUCATION OF WOMEN IN SOUTH AFRICAN UNDER-PRIVILEGED COMMUNITIES

D. Ionescu

15:45 PEER REVIEW OF CONFERENCE PAPERS: CHARACTERISTICS OF THE AUTHORS AND THE PAPERS

F. Mas, E. Ruiz, A. Calderon, J. Parreño

16:00 IMPROVING ACCESS: DETERMINING THE EFFECTIVE PARAMETERS OF ACADEMIC OUTREACH PROGRAMS IN STEM EDUCATION

O. Porter, D. Bell

16:15 A QUALITATIVE ANALYSIS OF THE EXPERIENCES OF LATINO ADULT WOMEN ON TECHNOLOGY

C. Hernandez, O. Hernandez

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)

Tuesday, 9th of March

Room: Formentera

14:45 E-LEARNING AND MENTAL HEALTH VOCATIONAL CONTINUING TRAINING IN EUROPE

M. Lahti, M. Välimäki, A. Scott, V. Staniuliene, R. Zannotti, M. Rebelo Botelho, M. Chambers

15:00 COLLABORATIVE PROJECT-ORIENTED ONLINE TRAINING EXPERIENCE FROM THE SPANISH MINISTRY OF HEALTH

M. Recio, Y. Agra, D. Rodríguez, A. Hernández, P. Fernández-Quero, B. Martín

15:15 USING DISCUSSION BOARDS, PODCASTING AND VOICETHREAD IN UNDERGRADUATE NURSING COURSES

J. Aponte

15:30 USING REMOTE RESPONSE DEVICES (CLICKERS) FOR PEER EVALUATION: EXPERIENCE TEACHING MEDICAL PHYSICS IN THE FACULTY OF MEDICINE OF THE UNIVERSITY OF CASTILLA - LA MANCHA

A. Nájera, E. Arribas, J.M. Villalba, J. Rozalén

15:45 AN ONLINE INDUCTION PROGRAMME: PREPARING DIVERSE STUDENTS FOR AN ONLINE MASTERS DEGREE

S. Harrison

16:00 DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF INNOVATIVE ELECTRONIC TEACHING PORTFOLIOS FOR NURSE EDUCATOR STUDENTS

K. Flaherty

16:15 EVALUATION OF AIDS-RELATED HEALTH EDUCATION

C. Chaves, R. Martins, A. Pereira, J. Duarte, R. Dionisio, E. Coutinho, P. Nelas

16:30 THE DEVELOPMENT OF CLINICAL PRACTICE GUIDELINE FOR PATIENTS ON TRACHEOTOMY TUBE

I. Yuannan, K. Klinhorm, S. Boonpoon, W. Madee, S. Thongsai

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. Díaz*

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*L. Sánchez Crespo, D. García Rosado, C. Blanco Bueno, E. Fernández-Medina Patón, M. Piattini Velthuis*

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

Room: Menorca

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*

17:15 **EXPLORING AMISH CULTURE: THE IMPACT OF A FIRST SEMESTER PROGRAM FOR COLLEGE STUDENTS**
T. Hornberger, A. Hassman

17:30 **THE CHALLENGE OF GLOBALIZATION CHANGES IN EDUCATION: POLICY AND PRACTICE IN THE GULF STATES**
D. Bouhmama

17:45 **INTERNATIONAL SERVICE AND LEARNING: A PERSPECTIVE OF SCHEMA ADJUSTMENT**
W.W. Chang, Y. F. Huang, Y. H. Yuan

18:00 **THE O MISSION, STD'S AND BRANDED ENTERTAINMENT**
M. Fry

18:15 **WEB BLOGS AS INFORMATION SOURCE FOR SAUDI EDUCATORS**
M. Alsuraihi

18:30 **THE NEW GLOBAL CAMPUS**
E. Heintz

18:45 **MOMENTS OF CONTEMPORARY BUILDING, THAT IS THE ARCHITECTURE OF DISSONANCES**
E. Faroldi

19:00 **VIRTUAL JUSTICE: A PROPOSAL TO REFORM LEGAL EDUCATION IN THE POST-LITERATE AGE**
C. Lepow

Research in Education

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

Tuesday, 9th of March

Room: Tabarca

17:15 COMPARING PERFORMANCE OF UNIVERSITIES – A MULTI-DIMENSIONAL INPUT-OUTPUT APPROACH
M. Steiner, A. Niederl, M. Ploder

17:30 EDUCATION BY RESEARCH
R. Vârbănescu, D. Popescu, A. Avram, A. Iordan

17:45 TEACHERS' ATTITUDES TOWARD NATURE OF SCIENCE AND BACKGROUND SPECIALIZATION: SCIENCE TEACHERS EQUAL ART TEACHERS
A. Vázquez Alonso, M.A. Manassero Mas, A. Bennàssar-Roig, A. García-Carmona

18:00 GENDER DIFFERENCES ON YOUNG STUDENTS' ATTITUDES TOWARD NATURE OF SCIENCE AND TECHNOLOGY ISSUES
M.A. Manassero Mas, A. Vázquez Alonso, A. Bennàssar-Roig, A. García-Carmona

18:15 UBIQUITOUS SERVICES FOR FUTURE UNIVERSITY
G. Matas Miraz, P. Castro Garrido, F.M. Borrego Jaraba, I. Luque Ruiz, M.A. Gómez Nieto

18:30 MATHEMATICS EDUCATION FRESHMEN PERCEPTION ON MATHEMATICS AND MATHEMATICS TEACHER
Z.A. Koemadji

18:45 SCHOOL KNOWLEDGE OF BOTANY IN TEXTBOOKS OF NATURAL SCIENCES IN PORTUGAL. ANALYSIS OF ITS CURRICULAR STATUTE IN PRIMARY SCHOOL EDUCATION (1900-2000)
F. Guimarães

19:00 AN APPLICATION OF THE “SEVEN STEPS” IN IMPLEMENTING MULTICULTURAL EDUCATION IN PRESCHOOL AND KINDERGARTEN
K. Nowak-Fabrykowski

General Issues. Education & Development**Session chair: Richa Malhotra. University of Delhi (INDIA)***Tuesday, 9th of March**Room: Formentera*

17:15 EDUCATIONAL CHALLENGES: GLOBAL FRAMEWORKS AND EVERYDAY SPACES*B.T. Schröttner*

17:30 EDUCATIONAL IMPROVEMENTS AND THEIR IMPACT ON INDIA'S FUTURE DEVELOPMENT*B.T. Schröttner*

17:45 EDUCATION AND MUSLIM IDENTITY FORMATION IN CENTRAL PROVINCES AND BERAR, 1854- 1940*R. Malhotra*

18:00 INDIE AUTHORSHIP: BYPASSING TRADITIONAL MODELS OF PUBLICATION AND USING WEB RESOURCES TO DESIGN, PRODUCE, AND MARKET YOUR NOVEL, NONFICTION BOOK, TEXTBOOK, OR SCHOLARLY MONOGRAPH TO THE WORLD*B. Gatenby*

18:15 THE VALIDITY OF MYERS-BRIGGS TYPE INDICATOR: STUDENTS NATURAL PREFERENCES AND ACADEMIC PERFORMANCE AT DAMASCUS UNIVERSITY FACULTIES*R. Ayoubi, B. Al-Estwani*

18:30 A SOCIO-TECHNOLOGICAL STORY : THE SAGA OF A HUMANITARIAN PROJECT – THE \$100 LAPTOP – AND THE LIMITS OF THE UNITED NATIONS' CONCEPT OF MULTI-STAKEHOLDERS PARTNERSHIP*F. Cishahayo, O. Kamga*

POSTER SESSIONS TUESDAY MORNING

Poster Session1. Experiences in Education and Research & International Projects

Tuesday, 9th of March

Room: Poster Room

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- **(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
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- **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-Echaluze
-
- **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
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- **SEX EDUCATION IN SCHOOL CONTEXT: A CONTRIBUTION**
P. Nelas, C. Fernandes, M. Ferreira, J. Duarte
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- **STRATEGIES FOR IMPROVING SCIENCE EDUCATION ON BOTH SIDES OF PYRENEES**
L. Martínez-León, C. Darraud, F. Cosset, A. Bessaudou, J. Brevier, M. Fernández-Alonso, G. Mínguez-Vega, E. Tajahuerce, J. Lancis, V. Climent
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- **STRATEGIES TO ACHIEVE PRO POOR EDUCATION WITH E-BOOK. AN INDONESIAN E-SCHOOL BOOK CASE STUDY**
N. Dwi Purwanti, V. Rostanti
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- **THE EFFECTS OF A LANGUAGE REMEDIATION PROGRAM ON DEVELOPING RECEPTIVE LANGUAGE ON CHILDREN WITH LANGUAGE DISORDERS**
M. Al Zyoudi
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- **WEBQUESTS AS A SELF-LEARNING AND SELF-ASSESSMENT TOOL IN CLINICAL CHEMISTRY**
J. Esteve Romero, S. Carda Broch, M. Rambla Alegre, J. Peris Vicente, J. Paños Pérez, D. Bose, M.A. Raviolo
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POSTER SESSIONS TUESDAY AFTERNOON**Poster Session2. Curriculum Design, University-Industry Collaboration, Quality Assurance & Higher Education Area***Tuesday, 9th of March**Room: Poster Room*

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- **ADAPTATION TO THE EUROPEAN HIGHER EDUCATION AREA OF "POLYMER SCIENCE AND TECHNOLOGY" IN THE NAVAL ENGINEERING STUDIES**
M. Rico, A. Ares, R. Bouza, B. Montero

 - **ART AND EDUCATION: THE DEMOCRATIZATION OF ART IN NON-FORMAL CONTEXTS THROUGH THE AESTHETIC EDUCATION - THE PLASTIC VALUE OF DAILY OBJECTS, ETHNOGRAPHIC AND COMMON KNOWLEDGE**
S. Lopes Silva, P. Coimbra, E. Coquet

 - **BASIC OPERATIONS IN THE TEACHING CHEMISTRY LABORATORY ACCORDING TO QUALITY RULES**
S. Carda Broch, M.J. Ruiz Ángel, M. Rambla Alegre, LL. Monferrer Pons, J. Esteve Romero

 - **CONSTRUCTION OF PROTOTYPES WITH 4 AXIS CNC MACHINING**
R. Cavaleiro, J. Antunes Simões, M. Vieitas

 - **DOES IT MATTER? GOING ABROAD FOR SOCIAL OPENNESS AND EMOTIONAL STABILITY**
W.W. Chang, Y.H. Yuan, S.S. Peng

 - **EFFICACY OF COGNITIVE AND METACOGNITIVE STRATEGY ON EDUCATIONAL PROGRESS OF SECOND YEAR STUDENTS IN RAMSAR'S HIGH SCHOOL**
J. Khalatbari, S. Ghorbanshiroodi

 - **ENGINEERING EDUCATION AT SULTAN QABOOS UNIVERSITY AND PROGRAM ACCREDITATION - LESSONS LEARNED**
A. Al Harthy

 - **EVALUATION OF THE FACTORS THAT AFFECT ACADEMIC FAILURE IN ANALYTICAL CHEMISTRY**
M. Ruiz-Angel, S. Carda-Broch

 - **EXPLOIT OF CLASSES BY STUDENT AND THEIR ASSESSMENT ABOUT LEARNING**
I. Gonzalez Alvarez, M. Gonzalez Alvarez, M. Bermejo
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- **FROM ODL TO DISTANCE EDUCATION: NEW CHALLENGES OF HIGHER EDUCATION**
M. Shariatmadari, S. Mahdi

 - **INDUSTRY PROJECTS, DESIGN FOR THE COMMUNITY AND A WIL CREATIVE INCUBATOR ALL SYNERGIZE TOGETHER TO FORM A STRONG DEGREE PROGRAM WITH STUNNING CREATIVE OUTCOMES**
D. Falla

 - **KNOWLEDGE MANAGEMENT ACTIVITIES IN HEALTHCARE ENVIRONMENTS. HOW CAN THIS AFFECT NURSES?**
M. Liosi, A. Paraskeva, A. Spyrou, N. Ftouli

 - **MATHEMATICS AND ORAL COMMUNICATION APPREHENSION: A BARRIER IN UNDERGRADUATE STUDENTS' LEARNING EXPERIENCE?**
F. Shahnaz Feroz, S. Indra Devi, F. Shahfinaz Feroz

 - **PHYSIC SUBJECTS TO COMPLETE THE BASIC QUALIFICATIONS AND PROFESSIONAL ATTRIBUTIONS FOR THE NEW ENGINEERING AND ARCHITECTURE DEGREES INSIDE THE EUROPEAN HIGHER EDUCATION AREA**
M. Álvarez, S. Gallego Rico, A. Campo, A. Beléndez, T. Belendez, P. Gabriela, R. Dale, A. Hernández, A. Marco, A. Márquez, J. C. Moreno, C. Neipp, M. Ortuño, M. Pérez, J. J. Rodes, J. Rosa, J. Vera, M. Yebra, D. Méndez

 - **PRACTICES: A BRIDGE BETWEEN UNIVERSITY AND LABORAL WORD**
M. González, I. González, M. Bermejo

 - **RELATION BETWEEN SELF-ESTEEM AND SELF-MONITORING OF STUDENTS WITH THEIR EDUCATION IMPROVEMENT**
S. Ghorbanshiroodj, J. Khalatbari

 - **THE BOLOGNA PROCESS IN ACCOUNTING: EFFECTS ON STUDENTS' SATISFACTION**
P. Crespo Sogas, E. Oliveras, J.M. Raya

 - **THE IMPORTANCE OF LANGUAGE BACKGROUND IN EXCHANGE PROGRAMS**
L. Martínez-León, M. Sanz-Gil, B. Julián-López, G. Mínguez-Vega, C. Albalate-Colás, V. Balaguer-Ruiz-Cornejo, L. Juan-Torres, I. Silvestre-Edo

VIRTUAL SESSIONS**Computer Supported Collaborative Work**

- **A BLENDED APPROACH OF Ngee ANN'S PROFESSIONAL LEARNING COMMUNITY (PLC)**
T. Lai, M. Daud, A. Tan

- **A MODEL FOR COMPUTER SUPPORTED COLLABORATIVE LEARNING**
O. Tingoy

- **DEVELOPMENT OF MULTIMEDIA TEACHING MATERIAL IN THE THERMAL ENGINEERING AREA IN THE CHALLENGE OF THE EES**
A. Gómez Moreno, E. Torres-Jiménez, J.S. Aguilar Sutil, J.M. Palomar-Carnicero, F. Cruz-Peragón

- **EFFECTIVE CONTINUOUS EVALUATION METHODOLOGY USING A WIKI SYSTEM**
E. de la Poza, J. Domenech

- **GENDER BIAS CLEARINGHOUSE: A TOOL FOR TRAINING IN HEALTH AND GENDER AND WOMEN'S HEALTH**
M.T. Ruiz Cantero, L.M. Ivorra Vilaplana, V. Clemente Gómez

- **INSTRUCTIONAL USE OF DISCUSSION BOARD: A CASE STUDY OF STUDENT EXPERIENCES AND PERCEPTIONS**
G.S. Yang, L.C. Lin

- **REDSOCK: A SOCIAL NETWORK ON INTERNET FOR STUDENTS**
L. Pérez Cordón, G. Montilla Jiménez, M. Aranda López

- **SOCIAL NETWORKING WEBSITES AS A NEW PARADIGM OF E-LEARNING COMMUNITIES 2.0 WITH EDUCATIONAL AIMS IN UNIVERSITY TEACHING**
S. Sánchez Castillo

- **SOCIAL NETWORKS AS INTERPERSONAL COMMUNICATION**
S. Carraro, M. Tessarolo

- **THE EDUCATIONAL AFFORDANCES OF GENERATIVE MEDIA IN ARTS EDUCATION**
S. Dillon, A. Brown

- **THE RELATIONSHIP DIAGRAM OF SOCIAL NETWORK UNDER WEB 2.0 LEARNING ENVIRONMENT**
S.Y. Wu, H.C. Chen, E. Liu

Curriculum Design and Innovation

- **A NURSING EDUCATION MODEL FOR ENHANCING NURSING COMPETENCIES USING A WIRELESS CLINICAL SIMULATION LABORATORY**
P. Cholewka

- **A STUDY ON PRIMARY EDUCATION ENGLISH CURRICULUM IN TURKEY**
M. Demirel

- **ACADEMIC LITERACY AND BLACK ENGLISH SECOND LANGUAGE SPEAKERS: THE NEED FOR A COMPREHENSIVE LANGUAGE SUPPORT INITIATIVE IN HIGHER EDUCATION**
M. Papashane, K. Milondzo

- **ARTS IN HEALTH: USING THE ARTS IN UNDERGRADUATE NURSING EDUCATION TO FOSTER CRITICAL THINKING SKILLS**
J. Carter, M. Carey

- **BARRIER TO PARALLEL PROCESSING COURSES IN COMPUTER EDUCATION AND SOLUTIONS**
Y. Tseng

- **BRIDGING DISCIPLINES AND TECHNOLOGIES TO EXPERIENCE AND REPRESENT SPATIALITY AT THE UNDERGRADUATE LEVEL; A PROJECT IN ONGOING DEVELOPMENT**
V. Kaelin, S. Homayouni, R. Andriati, S. Lakhana, I. Karasyova, J. Hajdu, J. Mcleod, M. Holmes

- **COLLABORATIVE COMMUNITIES & INNOVATIVE INTERACTIVITY**
T. Bieling

- **CRITICAL ANALYSIS OF LITERARY TEXTS IN EFL/ESL CONTEXTS**
K. Ahmed

- **DEVELOPING PROFESSIONAL COMPETENCES THROUGH THE MENTORING PROGRAMME IN THE E.U.I.T. FORESTAL**
L. de Salas, A. Martínez, J. Saa, C. Soldevilla, E. Peñalver

- **EVALUATION OF SCIENCE CURRICULUM: TANZANIA'S FOCUS ON INNOVATION**
E. Colombo, G. Lozza, J. Katima, F. Inzoli, F. Tilya

- **INNOVATIVE AND HYBRID COMPUTING CURRICULUM FOR 21ST CENTURY WORLD CLASS EDUCATION**
S. Shan

- **INTRODUCING C++, GUI PROGRAMMING, AND DESIGN PATTERNS WITH QT AT THE "CS3" LEVEL**
P. Ezust

- **INTRODUCING INFORMATION DESIGN [ID] PRINCIPLES AND PRACTICES TO GRAPHIC DESIGN STUDENTS**
K. Hartmann

- **ORIENTATION OF SECURITY IN THE ACM CURRICULA**
C. Blanco Bueno, D. García Rosado, L.E. Sanchez, E. Fernandez-Medina, M. Piattini Velthuis

- **SOFTWARE SECURITY. AN INDISPENSABLE SUBJECT FOR A SOFTWARE ENGINEER**
D. García Rosado, C. Blanco Bueno, L.E. Sanchez, E. Fernandez-Medina, M. Piattini Velthuis

- **TEACHING CREATIVE TEAMS TO BECOME MORE EFFECTIVE COLLABORATORS: AN EXPERIMENTAL STUDY**
J. Dahlberg, B. Dunkle

E-content Management and Development

- **DESIGNING DATA BASES FOR IMPROVING THE QUALITY OF TEACHING MATERIAL**
M. Santos, V. López, J.A. Martín

 - **DEVELOPING COMPUTATIONAL TOOLS FOR THE PORTABILITY OF INFORMATION IN DIFFERENT VIRTUAL SYSTEMS**
V. López, M. Santos, J.A. Martín

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- **DIGITAL CITIZEN INFORMATION SERVICES – A KNOWLEDGE MANAGEMENT EXPERIENCE FROM SPAIN**
A. Moreno Ruiz, D. Gibovic, A. Bikfalvi, J.L. de la Rosa Esteve, J.M. Barcenas Botello

- **DIGITAL RIGHTS MANAGEMENT IN PEER TO PEER NETWORKS**
D. Tsolis, A. Koufou, G. Stylios

- **DIGITAL TEACHING AND LEARNING ENVIRONMENT IN STUDENT-FOCUSED TEACHING CONCEPT: MAKING IT WORK IN THE TECHNOLOGY ORIENTED CONTENT**
P. Pavlásek

- **E-LEARNING TEACHING FOR LEADERSHIP TRAINING**
G. Cinquepalmi

- **FORMULATING ORGANIZATIONAL STRATEGIES IN BUSINESS: USING ANP AND SWOT TECHNIQUES**
A. Mohaghar, M.H. Maleki, M. Safari Kahreh, A. Ahmadi

- **INTRODUCING NEW METHODS IN SOFTWARE ENGINEERING TEACHING: USING E-PORTFOLIO FOR EVALUATING STUDENTS' PROJECTS**
R. León, F. Fabregat, S. Palomero, R. Chalmeta, O. Coltell

- **MOBILE E- NOVATIVE USE OF E- LEARNING TECHNOLOGIES FOR ENVIRONMENTAL PROTECTION - MENUET**
P. O'Callaghan, D. Popovici, S. Ionitescu, T. Stoyanov, G. Jiga, L.I. Bogdan, I. Hatzilygeroudis, H. Andrei

- **THE MODERATING EFFECT OF THE INVOLVEMENT IN THE ATTITUDE TO AD OF ELDERLY PEOPLE**
M. Estrada Guillén, M.A. Moliner Tena, J. Sánchez, J.C. Fandos Roig

Educational Software and Serious Games

- **A DYNAMIC SONIFICATION DEVICE IN IMPROVISATIONAL MUSIC THERAPY**
A. Lem, G. Paine, J. Drummond

- **A JAVA TUTORIAL ON THE ELECTROSTATICS METHOD OF IMAGES**
A. Bonanno, M. Camarca, P. Sapia

- **A SCADA COMBINED WITH A SCALE MODEL OF TRICKLE IRRIGATION SYSTEM FOR AGRICULTURAL ENGINEERING EDUCATION**
A. Ruiz Canales, J. Molina Martínez

- **PLAYING WITH CLEAN ENERGY: A MULTIMEDIA GUIDE**
A. Bonanno, G. Bozzo, M. Camarca, P. Sapia

- **PRELIMINARY RESULTS OF AN EVALUATION OF STATISTICAL EDUCATION SOFTWARE FOR UNDERGRADUATE BUSINESS STUDENTS**
E. Labach

- **REBUILDING ARCHITECTURAL PEDAGOGY IN THE AFTERMATH OF GOOGLE'S CREATIVE DESTRUCTION**
V. Hui

- **TEACHING AND LEARNING SCHOOL MATHEMATICS AND VIDEO GAMES**
B. García, R. Hernández, M. Gómez

- **THE CHALLENGE OF TUTORING AUTONOMOUS AND COLLABORATIVE LEARNING IN VIRTUAL UNIVERSITIES**
C. Gomez-Lahoz, A. Garcia-Rubio, J.M. Paz Garcia, J.M. Rodriguez-Maroto, F. Garcia-Herruzo, C. Vereda-Alonso

Experiences in Education

- **A NEW CROSS-DISCIPLINARY MODEL OF EDUCATION THAT INTERLINKS CREATIVITY AND THE SCIENTIFIC METHOD**
A. Edwards

- **A NEW DECISION MAKING METHOD BASED ON DISTANCE MEASURES AND ITS APPLICATION IN EDUCATIONAL MANAGEMENT**
J. Merigo, M. Casanovas

- **ALTERNATIVE STRATEGIES OF LEARNING FOR CONTINUING EDUCATION: INTERNET VERSUS TRADITIONAL CONFERENCE FORMAT**
R. Montvilo, J. Desjarlais, E. Russo, S. Warot, B. Lewis

- **DIPLOMA SIGNED BY TWELVE RECTORS**
M. Viola

- **FROM MY SUBJECT TO OUR SUBJECTS: A WAY FOR A NECESSARY CHANGE**
A. Fernández Yuste, M. Roldán Soriano, A. Bravo Fernández, S. Merino de Miguel, I. Martínez Rojas, Y. Ambrosio Torrijos

- **GUIDANCE FOR OLDER WORKERS: AN OVERVIEW OF THE SPANISH SITUATION FROM THE SOCIAL PARTNERS AND BENEFICIARIES' POINT OF VIEW**
M.J. Lopez Sanchez, J.A. Belso Martínez

- **INTERNATIONAL PRIMARY EDUCATION AND LANGUAGE LEARNING**
M. Fernandez de Caleyá Dalmau, J. Bobkina

- **LIFELONG LEARNING THROUGH IDENTIFICATION WITH A FICTIONAL CHARACTER**
J. Kratka

- **LIFELONG LEARNING: CONCEPTUALIZATION AND MEASUREMENT IN THE SPANISH CONTEXT ***
M. Schlesinger, A. Cervera, M. Iniesta, R. Sánchez

- **PRE-SERVICE PRIMARY TEACHERS' PRIOR ENGAGEMENT WITH ICTS IN THEIR SECONDARY SCIENCE STUDIES**
C. Boylan, P. Stephens

- **RETENTION: PERSPECTIVES OF INDIGENOUS STUDENTS STUDYING A TEACHER EDUCATION COURSE**
M. Milton, M. Gruppetta, T. Mason, L. Vozzo

- **SCIENTIFIC AND LITERARY EXPERIMENTS**
E.A. Ur, D. Fais

- **SERVICE-LEARNING AS AN INSTRUCTIONAL STRATEGY FOR PRE-SERVICE TEACHERS**
M. Morris

- **TECHNICAL & VOCATIONAL EDUCATION IN IRAN'S 4TH DEVELOPMENT PLAN**
M. Atashak

- **THE SCHOOL LIBRARY LIKE ENVIRONMENT OF TEACHING AND LEARNING**
M.R. Castro González, I. González Gómez, M.C. Sánchez Amor

Experiences in Education. Competence Evaluation

- **E-TESTING AS A SELF-ADAPTIVE LEARNING TOOL IN ENTERPRISE ENVIRONMENTS: A CASE STUDY FOR ROMANIAN CONSULTING FIRMS**
M. Dascalu, C. Delcea, M. Coman, D. Palaghita, B. Vintila, C. Bobe

 - **EVALUATION AND ASSESSMENT OF STUDENT LEARNING IN ETCS**
P. Pavlásek

 - **FORMATIVE ASSESSMENT METHOD FOR PROJECT BASED LEARNING IN SPANISH ENGINEERING STUDIES**
T. Gallego-Navarro, B. López-Mesa, V. Polo-Ortiz

 - **INTEGRAL COMPETENCE EVALUATION**
A. Quiroga

 - **INTERNATIONAL COLLABORATION FOR HYBRIDIZED STRATEGIES FOR PROFESSIONAL EDUCATION IN PSYCHOTHERAPY: INDONESIA, CANADA, AND COMPETENCY BASED CURRICULAR DEVELOPMENT IN HIGHER EDUCATION**
B. Begalka, M. McDonald

 - **OBJECTIVE STRUCTURED CLINICAL EXAMINATION (OSCE) IN PEDIATRIC DENTISTRY**
J. de Nova García, C. Martín Alvaro, M.R. Mourelle Martinez, M.C. Gasco, N. Gallardo Lopez, G. Feijoo, M.V. Mateos Moreno, M.T. Blanco

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

 - **PROTOCOL FOR THE IMPLEMENTATION OF NEW TEACHING TOOLS: COMPETENCES AND ABILITIES ACQUIRED BY STUDENTS**
P. Miravittles-Matamoros, A. Núñez-Carballosa, L. Guitart-Tarrés, M. Bernardo-Vilamitjana, F. Achcaoucaou-Iallouchen

 - **THEORETICAL FRAMEWORK FOR INTEGRATING ICT TOOLS FOR READING IN MATH CLASS**
A. Serradó Bayés
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Experiences in Education. Enhancing learning and the undergraduate experience

- **A NEW METHODOLOGY IN THE AREA OF INTERNATIONAL ECONOMICS APPLIED TO UNDERGRADUATE STUDENTS DURING THE ACADEMIC YEAR 2009/2010**
L. Marquez-Ramos

 - **ASSESSMENT OF PEDAGOGIES**
N. Stankovic

 - **COMPARISON OF PROFESSIONALISM BETWEEN ENGINEERS, DOCTORS AND MANAGERS**
N. Ehsan, I. Ahmad Bhatti, H. Tahir Mehmood, M. Wasim Bhatti

 - **DEVELOPING LEARNING STRATEGIES BASED ON RESEARCH PROJECTS**
O. Ampuero-Canellas, J. González-del-Río, B. Jordá-Albiñana, T. Magal-Royo

 - **DEVELOPING SCIENTIFIC SKILLS IN ENGINEERING STUDENTS**
M.V. Ibáñez Gual, V.J. Traver Roig

 - **ENHANCING LEARNING, GENERIC SKILLS AND CAMARADERIE THROUGH STUDENT PRESENTATIONS**
S. Lee, K. Woods

 - **EVALUATION OF DIFFERENT FACTORS AFFECTING THE ACADEMIC ACHIEVEMENT FROM THE POINT OF VIEW OF THE STUDENTS**
M.H. Fernandes, I. Garitaonandia, J.M. Hernández, J. Albizuri

 - **EXPERIENCES WITH COOPERATIVE AND COMPETITIVE LEARNING TECHNIQUES IN ENGINEERING COURSES**
M.A. Vicente Ripoll, R.P. Neco García, C. Fernández Peris, R. Puerto Manchón

 - **GETTING THE PICTURE: THE IMAGE AS CARRIER OF THE ARCHITECTURAL IDEA**
H. Giro, M. Tamas

 - **GRAPHIC RENDERING: A METHOD TO THINK AND DESIGN INDUSTRIAL OBJECTS**
D. Diaz, J. Galan
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- **HOW CREATING AN ON-LINE CLASS IMPACTS ON-CAMPUS INSTRUCTION: A PERSONAL NARRATIVE**
S. Horn
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- **IT IS SO HARD**
N. Stankovic
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- **LEARNING ROLE-PLAYING METHODOLOGY IN HUMAN RESOURCES MANAGEMENT**
M. Ortiz-de-Urbina-Criado, S. Medina-Salgado, C. De La Calle-Durán
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- **MOUSSE, A SHORT STORY TO INTRODUCE CHEMISTRY EXPERIMENTS IN PRIMARY AND SECONDARY SCHOOL**
J. Duran, J.A. Vieta, M. Duran, S. Simon, D. González
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- **NATIONAL DEVELOPMENTAL AGENDA ON ARCHITECTURE STUDENTS' LEARNING DIARIES: AN EXPERIENTIAL LEARNING APPROACH**
H. Safey Eldeen
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- **PEER REVIEW: MODEL WHAT YOU WANT AND YOU WILL GET IT**
A. Shine
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- **PHENOMENOLOGICAL VIEWS' AND ANALYSIS OF THE STUDENT 'SELF' USING MIXED METHODS RESEARCH TO INVESTIGATE THE NUANCES OF CULINARY ACADEMIC ISSUES RELATED TO STUDENTS ON INTERNATIONAL INTERNSHIP**
F. Cullen
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- **REIGNITE THE PASSION IN PRACTICAL ENGINEERING TRAINING**
Y.S. Deng
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- **SCENARIO-BASED ASSIGNMENTS AND THEIR LEARNING OUTCOMES IN ONLINE ART HISTORY COURSES**
A. Ter-Stepanian
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- **STUDENTS' MOTIVATION AND EXPECTATIONS TOWARDS TRANS-NATIONAL INTER-DISCIPLINARY INTENSIVE PROGRAMMES**
I. Kozaris, E. Varella
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- **THE ITINERANT CLASSROOMS PROGRAMME LIKE A TOOL OF EDUCATIONAL ATTENTION TO THE CIRCUS SCHOOL POPULATION**
M.R. Castro González, M.C. Sánchez Amor, I. González Gómez

- **THE RELATIONSHIP BETWEEN LEARNING STYLES AND MULTIPLE INTELLIGENCES**
A. Zare-ee, H. Shahi

- **USE OF TECHNOLOGY IN UNDERGRADUATE MATH COURSES IN A SMALL LIBERAL ARTS COLLEGE SETTING**
V. Shimanovich, J. Harris, L. Georger

- **USING WEB 2.0 TOOLS IN THE CLASSROOM**
A. AlKhayat

- **UTILIZATION OF LEARNING STYLES FOR MASTERY OF A CORE CURRICULUM**
M. Dono-Koulouris

Experiences in Education. Learning Experiences in Primary and Secondary School

- **A PORTFOLIO FOR THE SUBJECT “SPANISH LANGUAGE AND LITERATURE” IN THE THIRD YEAR OF SECONDARY SCHOOL**
A.M. Rodríguez-Baldero, M.C. Sánchez Sánchez, J. Navarro-Moreno, R.M. Fernández-Alcalá

- **CURRENT MATCHES AND MISMATCHES IN MATHEMATICS CURRICULUM CONTENT AT FET SCHOOLS AND TEACHER TRAINING INSTITUTION**
T.J. Moloj

- **MOLECULAR BIOLOGY AND SCIENCE VISUALIZATION LABORATORY EXPERIENCE FOR HIGH SCHOOL STUDENTS – A SUMMER INTERNSHIP**
K.V. Lehmkuhl-Dakhwe, D. Morton, M. Caplan

- **MUSICAL RESOURCES FOR INTERCULTURAL WORK IN THE ELEMENTARY CLASSROOM**
A. Botella Nicolás, R. Fernandez Maximiano

- **THE CONCEPTUAL MAP-TEACHING STRATEGY USED IN PHYSICS CLASSES**
D. Stoica, C. Miron, A. Jipa

- **THE MUSIC OF MOORS AND CHRISTIANS AS CURRICULAR MATERIAL IN PUBLISHING HOUSES OF THE VALENCIAN COMMUNITY**
A. Botella Nicolás

- **“RAÍZES/ROOTS”: EDUCATIONAL MULTIMEDIA PROJECT ABOUT HISTORY AND TRADITIONS OF AZOREAN PEOPLE**
I. Ribeiro, M. Lalanda

Experiences in Education. New projects and innovations

- **AN INTERDISCIPLINARY PROPOSAL FOR FUTURE TEACHERS THROUGH PROBLEM BASED LEARNING AND 2.0 TOOLS**
I. Larrea, J.R. Vitoria, N. Ipiña

- **CRIMINAL MEDIATION: RESTORATIVE JUSTICE CONQUERS CLASSROOM**
I. Ordeñana

- **DEVELOPING AN INTRODUCTORY BIOLOGY COURSE WITH AN INTERACTIVE WEBSITE AND ONLINE LABORATORY EXERCISES**
B. Black, M. Niedzlek-Feaver

- **DIFFERENCES IN THE IMPLANTATION OF THE ECTS METHODOLOGY BETWEEN OPTIONAL AND MAIN SUBJECTS**
P.M. García Villaverde, F.J. Ramirez Fernández, M.J. Ruiz Ortega

- **ERROR AND MOTHER TONGUE INTERFERENCES, AN INSEPARABLE PART OF THE FOREIGN LANGUAGE ACQUISITION PROCESS**
Z. Kote

- **INCREASING THE PRO-ACTIVITY IN HUMAN FACTORS SIMULATION FOR CONSTRUCTION MANAGEMENT EDUCATION**
M. Jaeger, D. Adair

- **INNOVATION AND TECHNOLOGY: THE CONTEXT OF DIGITAL INCLUSION IN DEVELOPING COUNTRIES AND THE SUCCESS GOT THROUGH THE WEBAULA CARD**
M. Resende

- **LEARNING THE PROCESSES INVOLVED IN THE CREATION OF AUDIOVISUAL MATERIALS**
J. Pertíñez López

- **MAIN FACTORS OF JUVENILE AGGRESSIVITY AND PRACTICAL MODALITIES FOR PREVENTION**
O.A. Pimuta, O.C. Stangaciu, I.M. Dinescu, I. Dinescu

- **NEW EDUCATIONAL MODELS IN SERVICE DESIGN RESEARCH. EXPO015: A WEB BASED APPROACH**
V. Arquilla, S. Maffei, B. Villari

- **SOCIAL NETWORKS IN THE CLASSROOM: A REAL EXPERIENCE IN A VIRTUAL ENVIRONMENT**
M. Perez Valls, P. Jerez Gómez, E. Carmona Moreno

- **STRATEGIES TO INCREASE THE EFFICIENCY OF THE LEARNING PROCESS IN HIGHLY PRACTICAL SUBJECTS WITH A HIGH NUMBER OF STUDENTS: "IN VITRO" CULTURE IN BIOTECHNOLOGY DEGREES AS A MODEL CASE**
C. Gisbert, A. Rodríguez-Burruezo, J. Prohens, A. Fita

- **TEACHING HOW TO RESEARCH IN POST GRADUATE SUBJECTS: METHODOLOGICAL PROPOSAL**
O. Ampuero-Canellas, J. González-del-Río, B. Jordá-Albiñana, T. Magal-Royo

- **TEACHING PROPOSAL FOR THE COORDINATION OF COURSES IN THE GRAPHIC EXPRESSION FIELD**
M. Cabeza, M.J. Mañez, B. Sáez, A. Soler

- **THERMOCOLLABORATE: CSCL WEBSITE FOR LEARNING THERMOCHEMISTRY**
N. Shukor, M. Bilal Ali, Z. Tasir

- **USING STORYTELLING ALICE TO MOTIVATE ENGLISH LANGUAGE LEARNERS**
A. AlKhayat

- **VISUAL THINKING AND THE TEACHING OF PRECEDENT ANALYSIS IN LANDSCAPE ARCHITECTURE AND URBAN DESIGN**
M. van den Toorn, R. Have

- **WORKING PROJECTS: A COMMUNITY LEARNING EXPERIENCE BETWEEN THE SCHOOL AND THE UNIVERSITY**
E. Gómez Parra, R. Mérida Serrano, E. González Alfaya
-

- **YO! PUT YOUR HAIR BACK ON: BRINGING EDUCATION TO SECOND LIFE**
V. Amber, D. Tolbert
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General Issues. Barriers to Learning

- **A STUDY ON FOREIGN FAMILIES WITH CHILDREN WITH DISABILITIES IN MANILA, PHILIPPINES: CHALLENGES IN LOCAL SCHOOLS**
O. Belarga, Y. Nakamura MD
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