EDULEARN 09

International Conference on Education and New Learning Technologies

Barcelona (spain) - 6th-8th July, 2009
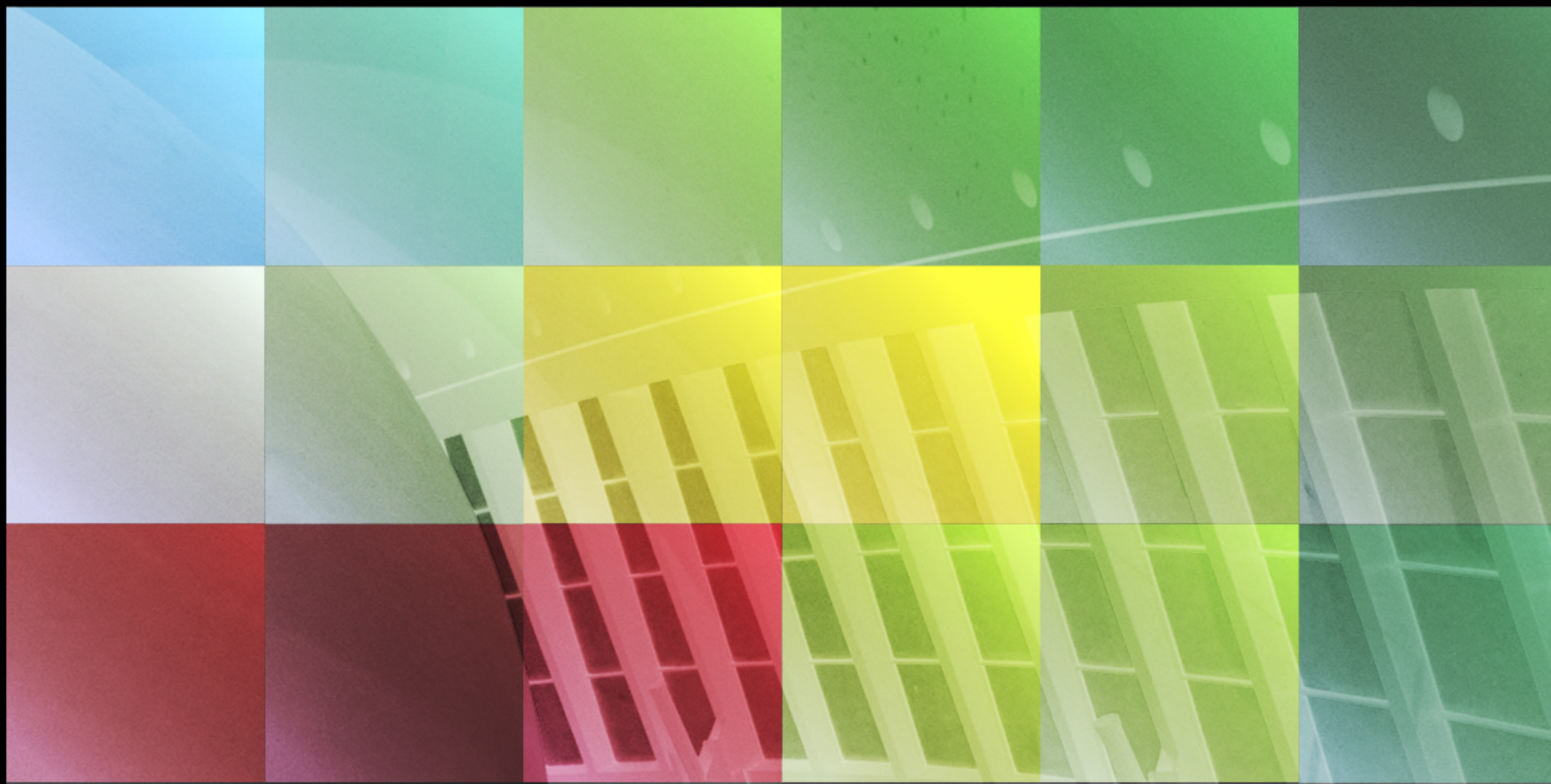

CONFERENCE PROGRAMME

EDULEARN09

INTERNATIONAL CONFERENCE ON EDUCATION AND NEW LEARNING TECHNOLOGIES

BARCELONA (SPAIN) - 6TH-8TH JULY, 2009

CONFERENCE PROGRAMME

EDULEARN09 Conference Programme

WELCOME INTRODUCTION

Dear EDULEARN09 attendants,

After a hard year of organisation, it is an honour to welcome you to EDULEARN09, a multicultural forum where you will be able to share your experiences in the area of education and new learning technologies.

EDULEARN09 has the pleasure to count with more than 450 delegates from 66 countries. This fact alone will ensure the richness of the contributions and will surely create a unique, varied and friendly atmosphere.

The objective of this conference is to provide you with an opportunity to exchange ideas and results, to discover new trends in education, to collaborate on technological projects, to discuss about new learning methods and many other topics that will arise from the contents of this conference.

In addition to this professional experience, Barcelona will offer you very attractive things to do during your stay. Its places of interest such as its historical centre, architecture, cultural heritage and natural surroundings will make your visit unforgettable.

Thank you very much for coming to EDULEARN09. We hope that you remember this conference for years to come as a fruitful international experience.

Thank you for attending EDULEARN09. We hope you enjoy your time with us!

EDULEARN09 Organising Committee

EDULEARN09. International Conference on Education and New Learning Technologies.

MONDAY, 6th JULY 2009

08:00-09:00	Registration Desk (Mezzanine Hall)
09:00-09:45	Welcome Speech (Room Tarragona+Girona)
09:45-10:15	Welcome Coffee (Cataluña and Mediterraneo Halls)
10:15-13:30	Parallel Sessions / Morning Poster Session
13:30-14:45	Lunch Buffet (Room Tarragona+Girona)
14:45-16:45	Parallel Sessions / Afternoon Poster Session
16:45-17:15	Coffee Break (Mezzanine Hall)
17:15-19:00	Parallel Sessions / Afternoon Poster Session

TUESDAY, 7th JULY 2009

08:30-10:30	Parallel Sessions / Morning Poster Session
10:30-11:00	Coffee Break (Mezzanine Hall)
11:00-13:30	Parallel Sessions / Morning Poster Session
13:30-14:45	Lunch Cocktail (Room Tarragona+Girona)
14:45-16:45	Parallel Sessions / Afternoon Poster Session
16:45-17:15	Coffee Break (Mezzanine Hall)
17:15-19:00	Parallel Sessions / Afternoon Poster Session
19:00-20:00	Closing Honour Wine (Garden)

WEDNESDAY, 8th JULY 2009

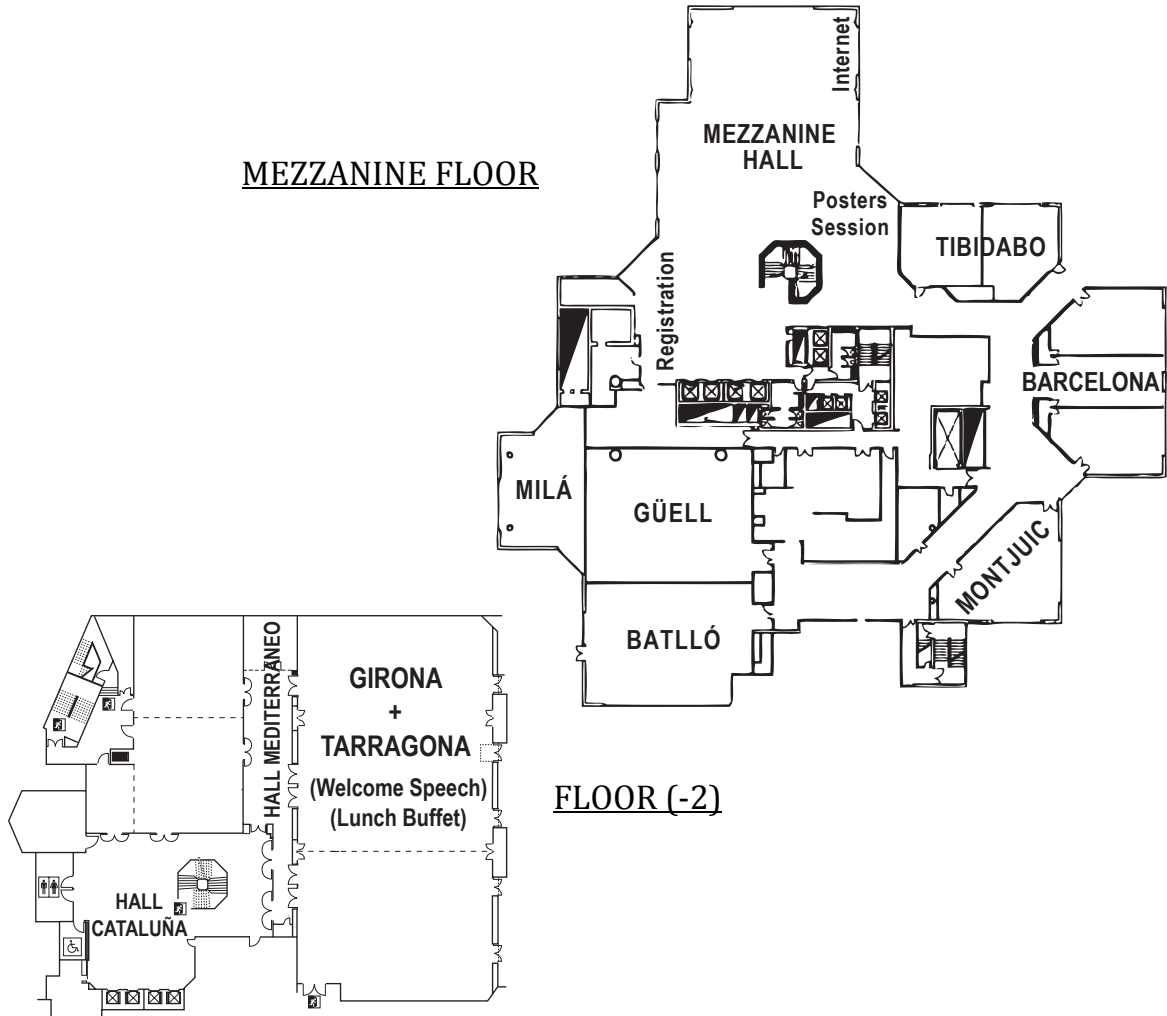Optional sightseeing tour to Barcelona (Information at the reception desk)

OVERVIEW: MONDAY, 6th JULY 2009

	Room: Güell	Room: Batlló	Room: Barcelona	Room: Tibidabo	Room: Milá	Room: Montjuic	Room: Poster Room
08:00 – 08:30	Registration (Mezzanine Hall) 08:00 - 09:00						
09:00 – 09:30	Welcome Speech (Room Tarragona + Girona) 09:00 - 09:45						
10:00	Coffee Break (Hall Catalunya + Mediterraneo) 09:45 - 10:15						
10:30 – 11:30	Experiences in Education: Educational Trends and Best Practice Contributions (1) 10:15 - 12:00	Experiences in Education: Curriculum Design and Quality Assurance 10:15 - 12:00	E-Learning: E-learning Projects and Experiences (1) 10:15 - 12:00	Emerging Technologies in Education (1) 10:15 - 12:00	International projects (1) 10:15 - 12:00	Primary/Secondary Education: Experiences and Pedagogical Innovations (1) 10:15 - 12:00	Poster Session 1. E-Learning and Emerging Technologies 10:15 - 13:30
12:00 – 13:00	Experiences in Education: Educational Trends and Best Practice Contributions (2) 12:15 - 13:30	European Higher Education Area: The Bologna Declaration and ECTS Experiences 12:15 - 13:30	E-Learning: Training, Evaluation and Assessment 12:15 - 13:30	Emerging Technologies in Education (2) 12:15 - 13:30	International projects (2) 12:15 - 13:30	Primary/Secondary Education: Experiences and Pedagogical Innovations (2) 12:15 - 13:30	
13:30 – 14:30	Lunch Buffet (Room Tarragona + Girona) 13:30 - 14:45						
15:00 – 16:30	Experiences in Education: Enhancing Learning and the Undergraduate Experience (1) 14:45 - 16:45	Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching 14:45 - 16:45	Virtual Learning Environments (VLEs) & online/virtual labs 14:45 - 16:45	Emerging Technologies in Education (3) 14:45 - 16:45	Special Education: Experiences and pedagogical innovations 14:45 - 16:45	Pedagogical Innovations in Enginnering Education 14:45 - 16:45	Poster Session 2. Experiences in Education 14:45 - 19:00
17:00	Coffee Break (Mezzanine Hall) 16:45 - 17:15						
17:30 – 18:30	Experiences in Education: Enhancing Learning and the Undergraduate Experience (2) 17:15 - 19:00	Pedagogical Innovations in Education: New Learning/Teaching Models 17:15 - 19:00	E-Learning: E-learning Projects and Experiences (2) 17:15 - 19:00	E-content Management and Development 17:15 - 19:00	Barriers to Learning and Diversity Issues 17:15 - 19:00	New trends and Experiences in Engineering Education 17:15 - 19:00	
19:00 – 19:30							

OVERVIEW: TUESDAY, 7th JULY 2009

	Room: Güell	Room: Batlló	Room: Barcelona	Room: Tibidabo	Room: Milá	Room: Montjuic	Room: Poster Room
08:00							
08:30							
09:00 / 09:30 / 10:00	Pedagogical Innovations in Education: Collaborative and Problem-based Learning 08:30 - 10:30	E-Learning: E-learning Projects and Experiences (3) 08:30 - 10:30	Computer Supported Collaborative Work (1) 08:30 - 10:30	Experiences in Research: Academic Research Projects 08:30 - 10:30	Pedagogical Innovations and Experiences in Foreign Language Learning / Education (1) 08:30 - 10:30	Experiences and Pedagogical Innovations in Life & Health Sciences Education (1) 08:30 - 10:30	Poster Session 1. Pedagogical Innovations in Education 08:30 - 13:30
10:30	Coffee Break (Mezzanine Hall) 10:30 - 11:00						
11:00 / 11:30 / 12:00 / 12:30 / 13:00	Pedagogical Innovations in Education: Learning and Teaching Methodologies 11:00 - 13:30	E-Learning: Mobile & Blended Learning 11:00 - 13:30	Educational Software & Serious Games 11:00 - 13:30	Experiences in Research 11:00 - 13:30	Pedagogical Innovations and Experiences in Foreign Language Learning / Education (2) 11:00 - 13:30	Experiences and Pedagogical Innovations in Life & Health Sciences Education (2) 11:00 - 13:30	
13:30 / 14:00 / 14:30	Lunch Buffet (Room Tarragona + Girona) 13:30 - 14:45						
15:00 / 15:30 / 16:00 / 16:30	Experiences in Education: Transferring Skills and Disciplines 14:45 - 16:45	General Issues: Education, Globalization and Development 14:45 - 16:45	Computer Supported Collaborative Work (2) 14:45 - 16:45	Experiences and Pedagogical Innovations in Architecture, Civil Engineering & Urban Planning Education 14:45 - 16:45	Pedagogical Innovations and Experiences in Foreign Language Learning / Education (3) 14:45 - 16:45	Experiences and Pedagogical Innovations in Mathematics & Statistics Education (1) 14:45 - 16:45	Poster Session 2. Experiences in Research and New Technologies 14:45 - 19:00
16:45	Coffee Break (Mezzanine Hall) 16:45 - 17:15						
17:30 / 18:00 / 18:30	Experiences in Education: Lifelong Learning 17:15 - 19:00	General Issues in Education 17:15 - 19:00	Computer Supported Collaborative Work (3) 17:15 - 19:00		Pedagogical Innovations and Experiences in Foreign Language Learning / Education (4) 17:15 - 19:00	Experiences and Pedagogical Innovations in Mathematics & Statistics Education (2) 17:15 - 19:00	
19:00 / 19:30	Closing Honour Wine (Garden) 19:00 - 20:00						

CONFERENCE ROOMS

MEZZANINE FLOOR

Internet

MEZZANINE
HALL

Posters
Session

TIBIDABO

Registration

BARCELONA

MILÁ

GÜELL

MONTJUIC

BATLLÓ

HALL MEDITERRÁNEO

GIRONA
+
TARRAGONA

(Welcome Speech)
(Lunch Buffet)

FLOOR (-2)

HALL
CATALUÑA

CONFERENCE SESSIONS

OPENING SESSION

Monday, 6 of July   *Room: Tarragona+Girona*

9:00-9:45   Welcome Address

        Sra. Blanca Palmada Félez
        Comisionada para Universidades e Investigación
        Generalitat de Catalunya

        Sr. D. Antonio García Ricós
        Member of EDULEARN09 Organising Committee

9:45-10:15   Welcome Coffee

ORAL SESSIONS MONDAY MORNING
Experiences in Education: Educational Trends and Best Practice Contributions (1)
Session chair: Stephen Harris. Sydney Centre for Innovation in Learning (AUSTRALIA)

Monday, 6 of July   *Room: Güell*

10:15 **TRANSFORMING 88 PUBLIC SCHOOLS INTO BENCHMARKED SCHOOLS FOR INNOVATIVE PRACTICES**
       N. Razali

10:30 **SCIL: ICT INNOVATION TRANSFORMING THE HEART OF THE CLASSROOM**
       S. Harris

10:45 **ICT INTEGRATION TRENDS AND PRACTICES IN COLLEGE CLASSROOMS**
       M. Chowdhury

11:00 **TEACHING IMAGE AND VIDEO PROCESSING WITH MATLAB**
       O. Marques

11:15 **THE EFFECTIVENESS OF THE IMPLEMENTATION OF INTEGRATED QUALITY MANAGEMENT SYSTEM AS A PERFORMANCE MANAGEMENT TOOL IN VARIOUS SCHOOLS OF THE EASTERN CAPE PROVINCE**
       B. Nguza-Mduba

Experiences in Education: Curriculum Design and Quality Assurance
Session chair: Brian McKay-Epp. Pearson eCollege (UNITED STATES)

Monday, 6 of July   *Room: Batlló*

10:15 **IMPLEMENTING A TECHNOLOGY ENHANCED OUTCOME MANAGEMENT STRATEGY ON CAMPUS THAT PRODUCES SUBSTANTIVE IMPROVEMENTS IN CURRICULUM, INSTRUCTION, AND STUDENT LEARNING**
B. McKay Epp

10:30 **THE CONUNDRUM - WHICH LEARNING TECHNOLOGY TO USE?**
M. Cant, C. Bothma

10:45 **AN EUROPEAN STUDY PROGRAMME FOR ADVANCED NETWORKING TECHNOLOGIES (ESPANT)**
J. Luis Marzo, S. Knockaert, R. Van Steen Berghe, K. Bjorn, J. Rugelj, C. Vaz de Carvalho

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11:00 **RE-ENGINEERING THE ENGINEERING AND SCIENCE EDUCATION**
V. Pomazan, L.C. Petcu, D. Mihalascu, M. Girtu

11:15 **QUALITY OF STUDY PROGRAMMES IN LITHUANIA: STAKEHOLDERS' APPROACH**
N. Pileicikiene

11:30 **THE ISRAELI EDUCATORS CODE OF ETHICS**
Y. Fisher

11:45 **DECISIONS AND IMPLICATIONS OF INFORMATION TECHNOLOGIES IN ACADEMIC ENVIRONMENTS**
V.P. Bresfelean, R. Lacurezeanu, N. Ghisoiu, C. Ani, M. Pop

E-Learning: E-learning Projects and Experiences (1)
Session chair: Arnaud Deshogues. EPFL (SWITZERLAND)

Monday, 6 of July   *Room: Barcelona*

10:15 **E-LEARNING AND B-LEARNING SUCCESSFUL STRATEGY TO UPDATE IN –SERVICE HEALTH PERSONNEL COMPETENCIES: FROM TOP OFFICERS TO COMMUNITY HEALTH WORKERS**
L. Magaña, C. Rosas, F. Contreras, J. Vértiz

10:30 **EXPECTED VR-BASED SYSTEM IN E-LEARNING**
C.H. Wang, K.T. Sun, I.C. Hung, H.M. Lin

10:45 **GEOMATICS E-LEARNING WITH EXOMATIC: IMPLEMENTATION AND ASSESMENT**
A. Deshogues, P.Y. Gilliéron

11:00 **INFORMATION TECHNOLOGIES FOR STUDENT ASSESSMENT: EXPERIENCES FROM A SOFTWARE DEVELOPMENT AND INTEGRATION PROJECT AT VILNIUS UNIVERSITY**
S. Trumpulyte, L. Nevinskaite

11:15 **THE ROLE OF E-LEARNING IN RURAL DEVELOPMENT IN IRAN: BENEFITS AND CHALLENGES**
F. Lashgarara, N. Karkeh Abadi

11:30 **THE CHALLENGE OF FACULTY INVOLVEMENT IN THE DESIGN AND IMPLEMENTATION OF ONLINE COURSES**
S. Garba

11:45 **A SUSTAINABLE APPROACH TO THE REUSE OF STUDENT-CENTERED LEARNING SCENARIOS**
L. Oliveira, P. Peres, S. Ribeiro, A. Albuquerque, C. Carvalho

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Emerging Technologies in Education (1)
Session chair: Rachid Benlamri. Lakehead University (CANADA)

Monday, 6 of July   *Room: Tibidabo*

10:15 SMART SERVICES FOR CLASSROOM LEARNING
K. Scott, R. Benlamri

10:30 WEBCONFERENCING SYSTEMS IN TEACHING: ONE TOOL – MULTIPLE SCENARIOS
I. Fischlmayr, R. Niederländer, U. Windischbauer

10:45 ACQUIRING SKILLS FOR VIRTUAL MULTICULTURAL COLLABORATION A BLENDED LEARNING COURSE DESIGN
I. Fischlmayr

11:00 AUTOMATING THE PREPARATION AND THE EXECUTION OF PHYSICS EXPERIMENTS INTO A ROBOTIC LABORATORY
S. Kopsidas, M. Tsavli, D. Vavougios, J. Fragakis, D. Zisiadis

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11:15 ON MULTI-DISPLAY CLASSROOM SYSTEMS: THE AFFORDANCES AND CONSTRAINTS OF SIMULTANEOUS DISPLAY AND NON-LINEAR PRESENTATION FOR STUDENTS AND TUTORS
B. Bligh

11:30 TEACHING PHYSICS TO INDIVIDUALS WITH KINETIC DISABILITIES USING ROBOTICS: A-STATE-OF-THE-ART
S. Kopsidas, J. Fragakis, M. Tsavli, D. Vavougios, D. Zisiadis

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11:45 PERCEPTIONS OF STUDENTS TOWARD ROBOTIC CLUBS AT SCHOOLS
N. Kara, K. Cagiltay

International projects (1)
Session chair: Niki Frantzeskaki. TU Delft (NETHERLANDS)

Monday, 6 of July   *Room: Milá*

10:30 **JOMITE – NEW BORDER CROSSINGS IN EDUCATION**
K. Schroeder

10:45 **GETTING PREPARED FOR A GLOBALIZED POLICY ANALYSIS ARENA: HOW GRADUATE POLICY ANALYSIS STUDENTS REFLECT ON THE (FOREGOING) APPLICATION OF POLICY ANALYSIS IN THEIR HOME COUNTRY**
N. Frantzeskaki, A. De Haan

11:00 **THE INTERNATIONALIZATION OF A CANADIAN BUSINESS SCHOOL: A CASE STUDY**
D. Cyr, S. Felton, M. Kusy

11:15 **ONE THOUSAND FLOWERS IN DELFT. A BOTTOM-UP APPROACH TO IMPROVE TEACHING FOR INTERNATIONAL STUDENTS**
M. Brummelink, R. Klaassen, N. Frantzeskaki, J.O. Kroesen, E.M. E.M. Blom, R.E. Kooij, D.I. Stadler

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11:30 **THE PENSAS@MOZ PROJECT: INTERNATIONAL COOPERATION IN EDUCATIONAL TECHNOLOGIES**
A. Batel, N. Agostinho, J. Santos, S. Pita, S. Nunes

Primary/Secondary Education: Experiences and Pedagogical Innovations (1)
Session chair: Claudia Kummer. Fachhochschul-Studiengaenge Burgenland University of Applied Sciences (AUSTRIA)

Monday, 6 of July   *Room: Montjuic*

10:15 **UNIVERSITIES FOR CHILDREN - AN IMPORTANT LINK IN NATIONAL EDUCATION STRATEGY. THE CASE OF POLAND**
M. Banas

10:30 **DIGITAL NARRATIONS AND COOPERATIVE LEANING: A CASE STUDY**
E. De Marco

10:45 **SCHOOL TEACHERS AND MANAGERS' ATTITUDE TOWARD QUALITATIVE AND QUANTITATIVE ASSESSMENT IN IRANIAN PRIMARY SCHOOLS**
A. Shekarey, A. Zare-ee, A. Rahimi, F. Behravi

11:00 **CURRICULAR ARTICULATION BETWEEN TWO SPACES OF NON-FORMAL EDUCATION IN SCIENCE**
C. Marques- Arqueiro, R. Vieira

11:15 **A WEB GENERATIVE LEARNING STRATEGY FOR THE CLASSROOM ACTION**
E. Martin, F. Mesa

11:30 **MATCHING OR MISMATCHING! WHICH IS MORE EFFECTIVE ON CHILDREN'S CREATIVITY?**
M. Al-Ali

11:45 **UC3M´S STREET-LAW PROGRAM: A TEACHING EXPERIENCE ON HUMAN RIGHTS**
A. Iglesias Garzón, D. Blázquez Martín

Experiences in Education: Educational Trends and Best Practice Contributions (2)
Session chair: Norrizan Razali. MDeC. Smart School (MALASYA)

Monday, 6 of July   *Room: Güell*

12:15 **TEACHERS' AND ADMINSTRATORS' OPINIONS ABOUT THE EFFECTUATION LEVEL OF TEACHER PERFORMANCE MANAGEMENT APPLICATIONS IN STATE AND PRIVATE HIGH SCHOOLS (ANKARA SAMPLE)**
       A. Bozkurt Bostanci, H. Yolcu, H. Sap

12:30 **TRANSFORMING HIGHER EDUCATION IN MALAYSIA: THE AKEPT'S TEACHING AND LEARNING INITIATIVES**
       M.M. Konting, Z. Idris, E.K. Singh

12:45 **THE CHANGE IN EDUCATION**
       I. Scheau, C. Nanu

13:00 **TECHNIQUES IN COMPUTER AIDED SCIENCE AND ENGINEERING TEACHING**
       V. Pomazan, L.C. Petcu

13:15 **THE EDUCATION AND HUMAN RESOURCE DEVELOPMENT VIA EDUCATION MANAGERS IN IRAN**
       M.H. Hosseini

European Higher Education Area: The Bologna Declaration and ECTS Experiences
Session chair: Valentin-Sorin Costreie. University of Bucharest (ROMANIA)

Monday, 6 of July   *Room: Batlló*

12:15 **COORDINATION OF TEACHING: AN ESSENTIAL ELEMENT FOR THE IMPLEMENTATION OF THE ECTS**
R. Mérida, E. Gómez Parra, J. Angulo Romero

12:30 **QUALITY ASSURANCE EVALUATION PROCESS IN ROMANIAN HIGHER EDUCATION INSTITUTIONS - THE CASE OF UNIVERSITY OF BUCHAREST**
S. Costreie, R. Ianole

12:45 **WEB 2.0 FOR MOBILE STUDENTS: STORYTELLING ANALYSING FROM INFORMAL LEARNING**
M. Gea, B. Arenas, R. Montes-Soldado, L. Luigi Di Stasi

13:00 **STUDENT AND TEACHERS ECOMPETENCES IN THE USE OF WEB-BASED DISCUSSION FORUMS AIMING TO IMPLEMENT THE PEDAGOGICAL MODEL OF THE EUROPEAN HIGHER EDUCATION AREA**
M. Fuentes Agustí, M. Romero Velasco

13:15 **PHOTOGRAPHY IN FINE ARTS. THE DIDACTIC GUIDE EXPERIENCE**
Y. Remacha Menéndez

E-Learning: Training, Evaluation and Assessment
Session chair: Victor Fester. Waikato Institute of Technology (NEW ZEALAND)

Monday, 6 of July   *Room: Barcelona*

12:15 **USING A BENCHMARKING TOOL TO INFORM FUTURE INVESTMENT IN E-LEARNING AT A NEW ZEALAND INSTITUTE OF TECHNOLOGY**
V. Fester, J. Clayton, A. McMillan

12:30 **ON THE EVALUATION OF LEARNING WITHIN TECHNOLOGY-SUPPORTED PHYSICAL LEARNING SPACES**
B. Bligh, I. Pearshouse, S. Lewthwaite

12:45 **EVALUATION OF LEARNING AND E-PORTFOLIO: AUTHENTIC ASSESSMENT IN THE EXPERIENCE OF ON LINE MASTER**
A. Dipace

13:00 **QUALITY ASSURANCE BY RQCC: HOW QUALITY IS ATTRIBUTED TO THE RELATION BETWEEN LEARNER AND E-LEARNING ENVIRONMENT**
N. Meder, S. Iske

13:15 **WHETHER WIKIS WORK: STUDENT AND TUTOR EXPERIENCES IN USING THE WIKI AS A NON-LINEAR FORM OF ASSESSMENT**
C. Esser

Emerging Technologies in Education (2)
Session chair: Ludmilla Smirnova. Mount Saint Mary College (UNITED STATES)

Monday, 6 of July   *Room: Tibidabo*

12:15 **A 'STATE OF THE ART' REVIEW OF THE CHARACTERISTICS AND EFFECTIVENESS OF TRAINING METHODOLOGIES FOR TRAINING TIME, SKILL RETENTION AND LEARNING TRANSFER**
C. Gubbins, S. Cromie, M. Fitzpatrick, S. Corrigan, E. Murphy, M. Cooke, T. Garavan

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12:30 **TEACHING 2.0: UNLOCKING STUDENT LEARNING WITH WEB 2.0 TECHNOLOGIES**
L. Smirnova

12:45 **THE USE OF MOBILE TECHNOLOGIES TO ENHANCE AN EPORTFOLIO IN INITIAL TEACHER TRAINING: REDUCING THE PAPER TRAIL**
R. Heath, M. Smale

13:00 **TEACHING COMPUTER GAME DEVELOPMENT USING FREE AND OPEN-SOURCE SOFTWARE**
G. Schaefer, S. Zhu

13:15 **CSI.SP - AN EVALUATION OF ICT BASED WORKFLOWS IN INTERNATIONAL WORKSHOPS**
A. Fuchs, J. Klaarenbeek, J. Moelker

International projects (2)
Session chair: Christopher Hill. University of Nottingham Malaysia Campus (MALASYA)

Monday, 6 of July   *Room: Milá*

12:15 **EDUCATION WITHOUT WALLS: THE VALUE OF VIDEOCONFERENCE**
A. Mazzaro, J. Willis

12:30 **SMASH: FOUR ENVIRONMENTS TO LEARN ABOUT NEW TECHNOLOGIES**
P. Azcárate Goded, J.M. Cardeñoso Domingo, A. Serradó Bayés

12:45 **INTERNATIONALIZING THE CURRICULUM: USING TECHNOLOGY TO PRODUCE GLOBALLY SOPHISTICATED STUDENTS**
G. Scudder, J. Vincent

13:00 **THE EXPANSION OF THE HOME MODEL: ESTABLISHING A GRADUATE SCHOOL ON AN INTERNATIONAL CAMPUS**
C. Hill

13:15 **SCENARIO DEVELOPMENT FOR LIFELONG LEARNING**
T. Kretschmer

Primary/Secondary Education: Experiences and Pedagogical Innovations (2)
Session chair: Anika Struppert. Macquarie University (AUSTRALIA)

Monday, 6 of July   *Room: Montjuic*

12:15 **TEACHING CHILDREN INTERCULTURAL COMPETENCE WITH THE ELECTRONIC LIFE SIMULATION "REALLIVES" (WORK IN PROGRESS)**
A. Struppert

12:30 **AN INTERACTIVE MATH REMEDIAL INSTRUCTION SYSTEM FOR LEARNING EXPANSION AND REDUCTION OF FRACTION**
K. T. Sun, C. H. Wang, H. M. Lin, I. C. Hung

12:45 **CARTOON PLANET: MICRO-REFLECTION THROUGH DIGITAL CARTOONS - A CASE STUDY ON TEACHING AND LEARNING WITH YOUNG PEOPLE**
C. Costa, H. Keegan

13:00 **INTERACTIVE VIDEOCONFERENCE AS A TOOL SUPPORTING DISTANCE LEARNING IN SECONDARY EDUCATION**
P. Vassala, A. Georganti

13:15 **DEVELOPMENT METHODOLOGIES FOR EDUCATIONAL SOFTWARE: THE PRACTICAL CASE OF COURSEWARE SERE**
A. Costa, M. Loureiro, L. Reis

ORAL SESSIONS MONDAY AFTERNOON
Experiences in Education: Enhancing Learning and the Undergraduate Experience (1)
Session chair: Damien Shortt. Edge Hill University (UNITED KINGDOM)

Monday, 6 of July   *Room: Güell*

14:45 **WIKIS, IDENTITY, AND THE FIRST YEAR STUDENT: HARNESSING THE WIKI, LIBERATING THE STUDENT**
D. Shortt

15:00 **THIRTY YEARS EVOLUTION OF CHEMISTRY INSTRUCTION (HOW A TABLET PC AND ONLINE COURSE MANAGEMENT SYSTEMS HAVE CHANGED MY LIFE AND THOSE OF MY STUDENTS)**
L. Peter

15:15 **AN EXPERIENCE TOWARDS THE ECTS MODEL IN ELECTRONIC TECHNOLOGY USING ACTIVE LEARNING TECHNIQUES**
M.A. Zamora, J. Santa, R. Toledo

15:30 **COMPETITION: A WAY TO EDUCATION**
R. Varbanescu, R. Dobrescu, A. Iordan, S. Arghir

15:45 **APPROACH TO THE CONCEPTS OF "AMOUNT OF SUBSTANCE", "MOLE" AND "AVOGADRO'S CONSTANT" THROUGH THE USE OF ANALOGIES**
C. Aguirre-Pérez

16:00 **AN APPROACH TO FILL THE GAP BETWEEN EDUCATION OF COMPUTER AIDED DESIGN AND THE REALPHYSICAL PRODUCT**
M.A. Altin

16:15 **EFFECTS OF USING VIDEO ON TEACHERS' ABILITY TO UNDERSTAND CLASSROOM CHILDREN'S INTERACTION**
I. Alghazo

16:30 **LEARNING STYLES AND SUCCESS IN OPERATIONS MANAGEMENT**
L. Zubieta

Pedagogical Innovations in Education: Evaluation & Assessment / Tutoring & Coaching
Session chair: Helen Keegan. University of Salford (UNITED KINGDOM)

Monday, 6 of July   *Room: Batlló*

14:45 **ONLINE LEARNING COMMUNITIES AND SOCIAL SOFTWARE: A MENTORING APPROACH TO 21ST CENTURY SKILLS**
H. Keegan, C. Costa

15:00 **A MODEL OF HORIZONTAL TUTORING FOR IMPLEMENTING BOLOGNA METHODOLOGY AS REGARDS THE STUDENT'S VIEWPOINT**
C. San Antonio

15:15 **TUTORING AT INSTITUTO SUPERIOR TÉCNICO**
P. Lourie, I. Gonçalves

15:30 **ANALYSIS OF STUDENT BEHAVIOUR IN VIRTUAL LEARNING ENVIRONMENT BY WEB-MINING METHODS**
P. Toth

15:45 **UNIVERSITY ASSESSMENT OF COMPETENCES IN A COMPETENCE-TRAINING MODEL**
R. Mérida Serrrano, E. Gómez Parra, E. González Alfaya

16:00 **GENERIC CONTINUOUS EVALUATION MODELS. INNOVATIVE METHODS ORIENTED TOWARDS THE IMPROVEMENT OF TEACHING AND EVALUATION IN HIGHER EDUCATION**
S. Prashar, M.R. Martín-Briceño, G. Díaz-Pardo, M.T. Martín-Fuentes, S. López-Sáiz

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16:15 **USING COMPETENCE PROFILES IN A E-PORTFOLIO ENVIRONMENT**
L. Verhelst

16:30 **COMPETENCE BASED TEACHING AND EVALUATION METHODS/STRATEGIES ONLINE**
E. Virgailaite-Meckauskaite, N. Mazeikiene

Virtual Learning Environments (VLEs) & online/virtual labs
Session chair: Siobhan O' Sullivan. Cork Institute of Technology (IRELAND)

Monday, 6 of July   *Room: Barcelona*

14:45 **VISUALISING FUTURE LEARNING SPACES IN CONTEXT: THE SHEFFIELD EXPERIMENT**
       C. Peng, A. Powell, L. Care, H. Evans, D. Roberts, P. Patlakas, P. Basu

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15:00 **VIRTUAL LABS IN THE E-LEARNING CONTEXT AS TOOLS OF COLLABORATION WORK**
       R. Cordeiro, H. Passos

15:15 **AUTOMATIC TOOLS FOR SOFTWARE QUALITY ANALYSIS IN A PROJECT BASED LEARNING COURSE**
       JM. Montero Martínez, R. San Segundo, R. De Cordoba, A. Marin de la Barcena, A. Zlotnik

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15:30 **ICT AND THE INTERCULTURAL PERSPECTIVE IN AN E-LEARNING DEGREE PROGRAM FOR AN INCLUSIVE EDUCATION, UNIVERSIDAD MAYOR DE SAN SIMON**
       J.A. Arrueta

15:45 **A COMPARATIVE REVIEW OF CONTEMPORARY E-LEARNING SOLUTIONS**
       O. Marques

16:00 **EVALUATION OF THE USE OF BLACKBOARD (VERSION 8.0) IN THE TEACHING OF METABOLIC BIOCHEMISTRY TO BIOMEDICAL STUDENTS**
       S. O' Sullivan, H. McGlynn

16:15 **CREATING A VIRTUAL CLASSROOM: EVALUATING THE USE OF ONLINE DISCUSSION FORUMS TO INCREASE TEACHING AND LEARNING ACTIVITIES**
       L. Bezuidenhout

16:30 **VIRTUAL LEARNING ENVIRONMENT TO SUPPORT TEACHING AND LEARNING PROCESSES IN THE TECHNOLOGICAL CYCLE**
       AF. Mora Mora, JA. Hernandez Guerrero, JC. Guevara Bolaños

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Emerging Technologies in Education (3)
Session chair: Julian Tenney. University of Nottingham (UNITED KINGDOM)

Monday, 6 of July   *Room: Tibidabo*

14:45 **"GOOGLE-MANIA" IN HIGHER EDUCATION: SHARING THE EXCITEMENT AND THE "NUTS AND BOLTS" OF INCORPORATING THE GOOGLE ONLINE MARKETING CHALLENGE IN THE CLASSROOM**
S. Tuzovic

15:00 **THE ITC USE IN A LEARNING AND TEACHING CONTEXT: THE WAY GONE THROUGH THE ELEMENTARY AND KINDERGARTEN TEACHERS TRAINING**
M.C.P Carqueja, L.L. Lima, M.A. Monteiro

15:15 **XERTE ONLINE TOOLKITS: CONTENT CREATION AND DISTRIBUTED REPOSITORY**
J. Tenney, A. Beggan

15:30 **USING VIDEO SCREEN CAPTURE SOFTWARE TO ENHANCE ENGLISH AS A FOREIGN LANGUAGE STUDENTS' WRITING PERFORMANCE**
L. Liang

15:45 **EFFECTS OF SOUND RECOGNITION MULTIMEDIA ON ARAB STUDENTS' ENGLISH PRONUNCIATION**
F. Banafa

16:00 **USING NETWORK SIMULATION TOOLS TO SUPPORT TEACHING IN COMPUTER NETWORKS**
S. Zhu, G. Schaefer

16:15 **WHY TEACHERS DON'T "HEAR" COMPUTER GAMES AND OTHER STORIES. A RECENT RESEARCH PROJECT ANSWERING THE QUESTION OF WHY SOME TECHNOLOGICAL INNOVATIONS IN EDUCATION WORK AND OTHERS DON'T**
K. Royle

16:30 **THE USAGE OF THE SOCIAL NETWORK PLATFORMS IN EDUCATION: ADVANTAGES AND DISADVANTAGES**
I. Torun, B. Keleşoğlu

Special Education: Experiences and pedagogical innovations
Session chair: Lorraine Leeson. Trinity College Dublin (IRELAND)

Monday, 6 of July   *Room: Milá*

14:45 **SIGNALL: DEVELOPING ONLINE AND BLENDED DEAF STUDIES COURSE CONTENT ACROSS EU BORDERS**
L. Leeson, H. Sheikh

15:00 **CREATING AND IMPLEMENTING E-LEARNING APPLICATIONS AS STRATEGIC TOOLS FOR STUDENTS WITH DISABILITIES**
B. Barrett

15:15 **USE OF VISUAL AUDITORY SIMULATION TECHNIQUE IN PROMOTING ON-TASK BEHAVIOUR OF CHILDREN**
S.C. Loh, S.H. Ow, F.P. Chew, Z. Ishak, S.G. Lee

15:30 **IMPROVING COLLABORATION FOR CHILDREN WITH PDD-NOS THROUGH A MULTI-TOUCH BASED SERIOUS GAME**
M. van Veen, A. de Vries, F. Cnossen, R. Willems

15:45 **ASSESSING ACCELEROMETERS AS A MEANS TO INFER INDIVIDUAL USER LEARNING STYLES FOR INCLUSIVE MLEARNING SYSTEMS**
T. Mehigan, I. Pitt

16:00 **AN EDUCATIONAL TOOL FOR PEOPLE WITH HEARING DISABILITIES BASED ON BAYESIAN NETWORKS**
V. Herrera Tirado, C. González Morcillo, C. Lacave

16:15 **THE SCIENCES EDUCATION IN A NON FORMAL ENVIRONMENT: PUPILS WITH SPECIAL NEEDS**
D. Ferreira, N. Costa

16:30 **ACADEMIC AND SOCIAL ADJUSTMENT OF UNIVERSITY STUDENTS WITH VISUAL IMPAIRMENT**
N. Almog

Pedagogical Innovations in Enginnering Education
Session chair: Silvia Ferraris. Politecnico di Milano (ITALY)

Monday, 6 of July   *Room: Montjuic*

14:45 **VIRTUAL LABORATORY FOR SUPPORT THE LEARNING OF DISTILLATION BASED IN A MOTION CAPTURE DEVICE**
J. Guevara Bolaños, L. Wanumen Silva

15:00 **ASSESSMENT OF THE REDESIGN OF SUBJECTS TO B-LEARNING OR E-LEARNING FORMATS USING LEARNING OBJECTS**
F. Jimenez, T.J. Leo, F. Perez, C. Fernandez, P. Barrera, E. Navarro, P. Arraiza, C. Lozano

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15:15 **TEACHING METHODOLOGIES FOR ADVANCED TECHNOLOGICAL AVIATION TRAINING. THE CESDA CASE**
E. Besora, M. Morell, D. Medina, J. Baos, A. Jimenez, J. Gavalda

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15:30 **PERSEX, A PROGRAMABLE TOOL FOR PERSONAL LEARNING AND ASSESSMENT**
F. Mesa, E. Martin

15:45 **THE USE OF KNOWLEDGE PILLS ON CHEMICAL ENGINEERING TEACHING**
A. Sanchez, A. Casar, V. Goyanes, J. M. Pousada

16:00 **COLOURS, SENSORIALITY AND MATERIALS. EXPERIENCE OF AN INDUCTIVE ACTIVITY OF DESIGN TEACHING EXPERIENCE OF AN INDUCTIVE ACTIVITY OF DESIGN TEACHING**
S. Ferraris, V. Rognoli

16:15 **ON THE USE OF INFORMATION TECHNOLOGIES AND STUDENT'S PORTFOLIO TO ENHANCE EVALUATION AND ASSESSMENT OF STUDENT'S LEARNING PROCESS**
M. Fuentes Agustí, M.E. Suárez-Ojeda

16:30 **NURTURING THE ENTREPRENEURIAL SPIRIT IN FUTURE ENGINEERS**
A. Refaat

Experiences in Education: Enhancing Learning and the Undergraduate Experience (2)
Session chair: Vanessa Van Staden. Cape Peninsula University of Technology (SOUTH AFRICA)

Monday, 6 of July   *Room: Güell*

17:15 **REACCIONA...EXPLOTA! REACT...EXPLODE! AMAZING EXPERIMENTS OF CHEMISTRY**
       J. Duran, S. Simon, JA. Vieta, R. Bover

17:30 **A NATIONAL STRATEGY FOR ENSURING AUTHENTICITY IN STUDENT WORK**
       G. Rowell

17:45 **DISASTER SIMULATIONS TO INCREASE CRISIS AWARENESS AND READINESS**
       R. Geerlings

18:00 **ASSESSMENT OF TRANSFERABLE SKILLS USING TEACHING AND LEARNING MODELS IN HIGHER EDUCATION**
       V. Van Staden, T. Chehore

18:15 **ELEARNING 2.0 – HOW CAN HIGHER EDUCATION BENEFIT FROM WEB 2.0?**
       D. Bauerova

18:30 **VALUE-ADDED PROGRAMME FOR FASHION AND TEXTILE STUDENTS**
       J. Lam, D. Ho

18:45 **ALTERNATING METHODS OF RESEARCHING IN A THEORATICAL COURSE**
       B. Keleşoğlu, I. Torun

Pedagogical Innovations in Education: New Learning/Teaching Models
Session chair: Alison Higgs. The Open University, Oxford (UNITED KINGDOM)

Monday, 6 of July   *Room: Batlló*

17:15 **DISSEMINATION OF ACTIVITY BASED TRAINING METHODS INTO INDUSTRIAL TRAINING IN EUROPE**
       J. Stav, E. Engh, R. Bergh, L. Mraz

17:30 **FOSTERING LEARNING WITH SOCIAL WEB TOOLS: EXAMPLES FROM PORTUGAL**
       M. Lucas, A. Moreira

17:45 **A ROBUST COMPETENCE EVALUATION FORMAL MODEL**
       T. Alsinet, D. Barroso, R. Bejar, J. Planes

18:00 **SPACE TO THINK ALOUD: E-LEARNING, ETHICS AND 'NON-TRADITIONAL' STUDENTS**
       A. Higgs

18:15 **SYSTEMS THINKING FOR MEDIA NAVIGATION: A SUPPORT FOR E-LEARNING IN COMPLEX SYSTEMS AND VEHICLE TELEMATICS**
       L. Farinetti, A. Rasetti

18:30 **MOODLE IN MY CLASSROOM**
       Y. Remacha Menéndez

18:45 **TOWARDS A BIOLOGICAL FRAMEWORK FOR TEACHING AND LEARNING: IMPLICATIONS FOR THE USE OF TECHNOLOGY**
       G. Woolcott

E-Learning: E-learning Projects and Experiences (2)
Session chair: Artis Ivanovs. Riga Technical University (LATVIA)

Monday, 6 of July   *Room: Barcelona*

17:15 **TEACHING TUTORING - INTELLIGENT AGENTS TO CUSTOMIZE LIFELONG LEARNING PATHWAYS IN THE MICROFINANCE SECTOR**
I. Mascitti, F. Funghi, M. Feituri, V. Berni, P. Degasperi, J. Petrucci

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17:30 **THE SUGI PORTAL: AN INNOVATIVE AND SUSTAINABLE CONTEXT-BASED E-LEARNING SOLUTION FOR E-BUSINESS AND E-SCIENCE**
M. Seifert, V. Achter, U. Lang

17:45 **INTERNAL MARKETING: SEARCH FOR BEST WAYS TO RAISE USAGE OF E-LEARNING SYSTEM**
A. Ivanovs

18:00 **NEW INSTRUMENTS IN E-LEARNING PROCESS: A SCREENING TOOL FOR TRAINING ON BUSINESS TRANSFER**
R. de Arriba Bueno

18:15 **THE DEVELOPMENT OF DIGITAL EDUCATION CONTENT FOR THE SECONDARY EDUCATION IN CYPRUS: PROJECT CHALLENGES AND LESSONS LEARNED**
D. Englezakis, C. Roushias, E. Papathanasiou, M. Christou, D. Nicolaou

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18:30 **A WEB 2.0 JOURNEY TOWARDS PERSONAL LEARNING ENVIRONMENTS**
R. Torres Kompen, P. Edirisingha

18:45 **THE IMPLEMENTATION OF INFORMATION AND COMMUNICATION TECNOLOGIES IN THE EDUCATIONAL SYSTEM OF REPUBLIC OF MOLDOVA (ACCOMPLISHMENTS, PROJECTS AND IDEAS FOR PRESENT AND FUTURE)**
V. Afteni

E-content Management and Development
Session chair: Miguel Penalver Nieto. K.U.Leuven (BELGIUM)

Monday, 6 of July   *Room: Tibidabo*

17:15 **ORGANIZING QUALITY ASSURANCE: HOW TO INTEGRATE PROCESSES OF QUALITY MANAGEMENT IN AN E-LEARNING PORTAL**
S. Iske, N. Meder

17:30 **CONNECTING DIGITAL ARCHITECTURAL ARCHIVES WITH MACE**
S. Boeykens

17:45 **MACE: INTEGRATED ACCESS TO ARCHITECTURAL CONTENT DURING LEARNING**
S. Boeykens, M. Penalver, H. Neuckermans

18:00 **A LINGUISTIC RECOMMENDER SYSTEM FOR UNIVERSITY DIGITAL LIBRARIES TO HELP STUDENTS IN THEIR LEARNING PROCESSES**
C. Porcel, E. Herrera-Viedma, M.J. Lizarte

18:15 **ORGANIZATIONAL MEMORY IN THE HELLENIC RAILWAYS INDUSTRIAL ENVIRONMENT. THE "TREATMENT" OF KNOWLEDGE GAP BETWEEN NEW AND "READY TO RETIREMENT" WORKERS**
A. Tsirikas, C. Nicolaidis

18:30 **BENCHMARKING PEER PRODUCTION MECHANISMS, PROCESSES AND PRACTICES OF (E-)LEARNING CONTENT**
T. Kretschmer, T. Fischer

18:45 **KNOWLEDGE MANAGEMENT PRACTICES IN HIGHER EDUCATION INSTITUTES: A DIFFERENT APPROACH**
G. Shams, A. Momeni Rad, A. Hooshmand

19:00 **INFORMATION MANAGEMENT AND THE ROLE OF INFORMATION AND KNOWLEDGE MANAGERS: MANAGERS' PERCEPTION**
H. Momeni Rad, G. Shams, B. Naderi

Barriers to Learning and Diversity Issues
Session chair: Deirdre Kelleher. Fastrack to IT (FIT) Ltd. (IRELAND)

Monday, 6 of July   *Room: Milá*

17:15 **'SCHOOL IDENTITY' AND ITS EFFECTS ON GIRL'S SCHOLASTIC ORIENTATIONS. A CASE STUDY IN THREE BELGIAN SCHOOLS**
E. Lenel

17:30 **CULTURAL BARRIER TO SECOND LANGUAGE LEARNING IN THE LOW PROFECIENCY LEVEL**
S. Amya

17:45 **AN EDUCATION IN ICT: INCLUDING THE EXCLUDED**
D. Kelleher

18:00 **USING ACCESSIBILITY MULTIMEDIA AS AN EDUCATIONAL TOOL**
F. Paniagua Martín, A. García-Crespo, I. González Carrasco, J.L. López Cuadrado

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18:15 **CAUSES AND EFFECTS OF SCHOLAR FAILURE. CASE STUDY ON BUCHAREST ACADEMY OF ECONOMIC STUDIES**
M. Roman

18:30 **A STUDY ON TURKISH TEACHER CANDIDATES' SOCIAL ANXIETY**
A.A. Ceyhan

18:45 **GLOBALIZATION AND ITS IMPACTS ON ADULT EDUCATION IN IRAN**
F. Lashgarara, S.M. Mirdamadi, S.J. Farajollah Hosseini

New trends and Experiences in Engineering Education
Session chair: Carsten Creise. TU Berlin (GERMANY)

Monday, 6 of July   *Room: Montjuic*

17:15 **ASSESSMENT OF COMPETENCE DEVELOPMENT – EXPERIENCES IN THE INTERNATIONAL MASTER PROGRAM "GLOBAL PRODUCTION ENGINEERING"**
C. Reise, G. Seliger

17:30 **MOODLE ENHANCEMENT OF AN INTER-UNIVERSITY MASTER PROGRAM ON ENVIRONMENTAL ENGINEERING**
J. Iza

17:45 **MEETING OBSERVATION: ENABLING ENGINEERING STUDENTS TO MANAGE AND TO FACILITATE TEAM MEETINGS**
M. Guardiola Marcos, P. Corbí Garcia, E. González Moreno, E. Soler Benavente, S. Yuste Berenguer, N. Castellví Garcia, E. Just Corsà, D. Lara Pérez, A. Puig Arànega, S. Özgen

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18:00 **DEVELOPMENT OF A DRINKING WATER ENGINEERING MODULE FOR STUDENTS AT SECONDARY SCHOOLS**
A. Grefte, A. Kerkstra, J. Verberk

18:15 **PROJECTS-BASED EVOLUTIONARY APPROACH FOR DEVELOPING PRACTICAL SKILLS IN MEASUREMENT AND DATA ACQUISITION**
M. Mir

18:30 **SMART PROGRAM: A STRATEGY FOR PROMOTING ENGINEERING EDUCATION IN SCHOOLS**
M. Mir, T. Sharif

18:45 **ORGANISATIONAL CULTURE WITHIN A FACULTY OF ENGINEERING – PREDICTOR OF THE EMOTIONAL INTELLIGENCE?**
D.-M. Duse, C.S. Duse

POSTER SESSIONS MONDAY MORNING
Poster Session 1. E-Learning and Emerging Technologies

Monday, 6 of July   *Room: Poster Room*

- **ACTIVE LEARNING MATERIALS FOR USE IN STATISTICS COURSES FOR UNDERGRADUATES**
  C. Roldan, A. Roldan, M.V. Alba, N. Fuentes

- **APPLICATION OF E-LEARNING IN ORGANIZING AND COMPOSING THE CURRICULUM**
  A. Assareh, N. Hazin

- **APPLICATION OF LEARNING MANAGEMENT SYSTEM (LMS) TO THE STUDY OF SOILS**
  G. Gascó, F. Guerrero, J.M. Gascó

- **APPLICATION OF REMOTE TECHNOLOGY TO ELECTRICAL POWER SYSTEM LABORATORIES**
  S. Al-Jufout, A.Y. Al-Zoubi, S. Jeschke, J. Nsour, O. Pfeiffer

- **CARIES SIMULATION WITHIN MAN-MADE TEETH TO MAKE TYPE II CAVITIES FOR COMPOSITE RESIN FOR UNDERGRADUATE STUDENTS**
  J. Oteo, C. Oteo, A. Oteo, M.J. Calvo

- **COMPUTATIONAL TEACHING UNIT FOR STRENGTHENING THE TEACHING AND LEARNING FROM THE DISTILLATION IN THE CLASSROOM**
  G. Largo Ordóñez, J. Guevara Bolaños

- **DEVELOPING ACE: A CONCEPTUAL FRAMEWORK FOR ENHANCING ICT CAPABILITY FOR FLEXIBLE DELIVERY IN EDUCATIONAL INSTITUTIONS**
  V. Fester, J. Clayton, A. McMillan

- **DEVELOPMENT OF A MULTIMEDIA-BASED TOOL FOR TEACHING AN INTEGRATED EXPERIMENTAL CHEMISTRY COURSE**
  A. Ortiz, R. Cuesta, R. Bermejo, A. Quesada

- **E-LEARNING IN TEACHING STATISTICS: AN APPLICATION IN CIVIL ENGINEERING**
  N. Portillo-Poblador, S. Vidal-Puig, A. Montesinos-Guillot, J. Martín-Marín

- **E-LEARNING IS MORE THAN LESSONS AND TUTORIALS**
  S. Brady, M.L. Harrison

- **E-TOOL TO DEVELOP HIGHER EDUCATION MODULES BASED ON LEARNING OUTCOMES**
  J. Roca Piera, E. M. Garzón

- **EXPERIENCES IN THE VIRTUAL CLASSROOM OF "BASIC PRINCIPLES IN CHEMISTRY" AT THE UNIVERSITY OF LA LAGUNA**
  J. Hernández-Borges, M.A. Rodríguez-Delgado

- **IMPLEMENTATION OF E-LEARNING IN TEACHING STATISTICS: AN APPLICATION IN MANAGEMENT ADMINISTRATION**
  N. Portillo-Poblador, J. Martín-Marín

- **KNOWLEDGE BUILDING PROCESSES IN BLENDED LEARNING COMMUNITIES: FORUM USAGE EVALUATION FROM A PARTICIPATORY FRAMEWORK FOR DISTANCE COOPERATION**
  A. Pepe, A. Armenti

- **LEARNING PILLS FOR BASIC TRAINING IN CHEMICAL ENGINEERING**
  A. Cancela Carral, R. Maceiras Castro

- **MOBILE LEARNING AND UNIVERSITY TEACHING**
  I. Alsaadat

- **MULTI-USER LABORATORIES FOR COMPLEXITY SCIENCE E-LEARNING**
  F. Munteanu, C. Udriste, D. Zugravescu

- **PRECLINICAL LEARNING OF STRATIFICATION TECHNIQUES ON ANTERIOR TEETH WITH COMPOSITE RESINS FOR POSTGRADUATE DENTAL EDUCATION**
  J. Oteo, C. Oteo, M. Galán, A. Oteo

- **THE COMPARATIVE STUDY OF USING MOBILE PHONE VS. LECTURE METHOD IN TEACHING. CASE: AGRICULTURAL STUDENTS OF RAVANSAR TOWNSHIP IN KERMANSHAH, IRAN**
  A. Papzan, A. Soleimani, M. Papzan

- **USE OF POLIMEDIA-UPV MULTIMEDIA OBJECTS AS SUPPORT FOR TEACHING AND TUTORSHIP TASKS**
  R. Balart, L. Sánchez-Nácher, O. Fenollar, D. García-Sanoguera

- **USE OF SIMULATION TOOLS AS VIRTUAL LABORATORIES FOR TEACHING IN MATERIALS ENGINEERING**
  R. Balart, L. Sánchez-Nácher, D. García-Sanoguera, O. Fenollar

- **VIRTUALIZATION OF A THERMODYNAMIC COURSE IN A RENEWABLE ENERGY MASTER'S DEGREE**
  A. Casar, S. Urrejola, C. Cameselle, A. Sánchez

POSTER SESSIONS MONDAY AFTERNOON
Poster Session 2. Experiences in Education

Monday, 6 of July   *Room: Poster Room*

- **A BRAND CALLED ME: MANAGING DIGITAL IDENTITY**
  F. Palmer

- **ACQUISITION OF GENERIC SKILLS THROUGH COLLABORATIVE WORK IN APPLIED STATISTICS**
  R. Fernandez Pascual, M.P. Frias Bustamante

- **ANALYSIS ABOUT THE TIME AND EFFORT OF STUDENTS' AUTONOMOUS WORK IN THE STRATEGIC MANAGEMENT AREA**
  J. Pereira Moliner, E. Claver Cortés, M.D. López Gamero, B. Marco Lajara, J.F. Molina Azorín, E. Pertusa Ortega, P.C. Zaragoza Saez

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- **BOLOGNA VERSUS CLASSICAL TEACHING/LEARNING PARADIGMS**
  J. Salgado

- **COMPUTER SCIENCE AND MATHEMATICAL E-LEARNING MATERIALS IN THE WEB**
  A. Salvador Alcaide, M.D. López González, A. Garmendia Salvador, J. Rodrigo Hitos

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- **COOPERATIVE LEARNING IN SIGNAL PROCESSING COMPLEX PROBLEM SOLVING**
  J. Gonzalez-Rodriguez, D.T. Toledano

- **COORDINATING COURSE CONTENTS ACCORDING TO ESHE**
  I. Díaz, A. Alguero, M. Suárez-Cabal, J. Villar

- **EXPERIMENTATION AND IMPLEMENTATION OF THE EHEA: THE LEARNING CONTRACT AS A TOOL FOSTERING AUTONOMOUS LEARNING AMONG BUSINESS MANAGEMENT STUDENTS AT THE UNIVERSITY OF ALICANTE**
  F. Garcia Lillo, B. marco Lajara, H. Molina Manchón, V. Sabater Sempere, M. Ubeda Baeza

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- **EXTRACURRICULAR ACTIVITIES AND BIOCHEMISTRY TEACHING**
  L. Aguilar-Santelises, A. García del Valle, M. Aguilar-Santelises, R. Rangel Corona, T. Corona-Ortega, M. Cruz-Millán

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- **LEARNING BY PLAYING IS A GOOD STRATEGY TO FACILITATE BIOCHEMISTRY TEACHING**
  A. García del Valle, L. Aguilar-Santelises, R. Rangel Corona, T. Corona, M. Aguilar-Santelises, M Cruz-Millán

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- **MICROSCALE IN BIOCHEMISTRY LABORATORIES**
  T. Corona-Ortega, B. Weiss-Steider, A. García-del Valle, M. Cruz-Millán, L. Aguilar-Santelises, R. Rangel-Corona

- **NON-STRUCTURING LABORATORY TEACHING FOR ENGINEERING UNDERGRADUATE STUDENTS**
  C. Cameselle, S. Urrejola

- **OPTICS CLASSROOM TEACHING DEMONSTRATIONS FOR SECONDARY SCHOOL**
  A. Guirao, H. Pérez, A. Velázquez

- **STRENGTHENING OF THE BASIC CONCEPTS**
  J. Sepulcre, G. Mora, J. Navarro

- **STUDENT'S OPINION ON AN ADAPTED METHODOLOGY AND ASSESSMENT TO THE EUROPEAN SPACE FOR HIGHER EDUCATION**
  V. Sabater-Sempere, J.J. Tari-Guillo, J.A. Fernandez-Sanchez, R. Andreu-Guerrero, S. deJuana-Espinosa, M.R. Gonzalez-Ramirez, E. Manresa-Marhuenda, L.. Rienda-Garcia, J. Valdes-Conca

- **STUDY OF REQUIRED COMPETENCIES AND SKILLS FOR AGRICULTURAL VOCATIONAL TEACHERS BASED ON DELPHI TECHNIQUE. CASE STUDY: KERMANSHAH PROVINCE**
  S. Rajabi, A. Papzan

- **SUSTAINABILITY AS A CORE COMPETENCY IN HIGHER EDUCATION OF ENGINEERING**
  J. Soler-Rovira, J.M. Arroyo-Sanz, F. González-Torres, L. Iglesias-González, C. Iglesias-González, D. Palmero-Llamas

- **USING TECHNOLOGICAL SOFTWARE FOR TEACHING ENGINEERS: CHANGING THE ORDER**
  J. Paredes-Arquiola, R. Barat, A. Solera, M.A. Eguibar

ORAL SESSIONS TUESDAY MORNING
Pedagogical Innovations in Education: Collaborative and Problem-based Learning
Session chair: Pieter Joubert. University of Pretoria (SOUTH AFRICA)

Tuesday, 7 of July   *Room: Güell*

08:30 **PUTTING THE HANDS IN HANDS-ON TEACHING**
    E. Heinrich

08:45 **COLLABORATIVE LEARNING IN THE WEB 2.0 ENVIRONMENT: AN UNDERGRADUATE CASE STUDY**
    S. Roodt, C. De Villiers, P. Joubert, N. Oelofse

09:00 **DESIGN OF COOPERATIVE AND PROBLEM BASED LEARNING ACTIVITIES FOR AN ENGINEERING THERMODYMAMICS COURSE. A CASE STUDY**
    A. Aranzabal

09:15 **WHERE IS MY AVATAR? OPPORTUNITIES FOR LEARNING IN VIRTUAL WORLDS**
    L. Kuznik

09:30 **FROM THE CASE-METHOD TO THE PROBLEM-BASED LEARNING IN BUSINESS MANAGEMENT TEACHING**
    C. Devece

09:45 **EXPLORING THE IMPLEMENTATION OF PEER GROUP SUPERVISION IN A BUSINESS BACHELOR PROGRAMME**
    C. Kummer

10:00 **TEAM-WORK IN BIOTECHNOLOGY: RESULT OF THE QUALITY ASSESSMENT**
    L. Jiménez-Esteller, M. Serral, L. Alonso, G. Areste, M.S. Jorda, L. I. Pérez-Martos, F. Solé, A. Virgili, S. Özguen, M. Medir, J. R. Alabart, J. Herrero, G. Guillén-Gosálbez, I. Katakis

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10:15 **COLLABORATIVE TRANSLATION: TURNING SOLIPSISM INTO SYNERGY**
    V. Gaballo

E-Learning: E-learning Projects and Experiences (3)
Session chair: Pamela Waldron-Moore. Xavier University of Louisiana (UNITED STATES)

Tuesday, 7 of July   *Room: Batlló*

08:30 **STRATEGIES FOR SUCCESS: META-COGNITIVE VIDCASTS FOR ORIENTATION OF ONLINE LEARNERS**
G. Richards, N. Ostashewski

08:45 **UNIVERSITY WIDE INITIATIVE - IMPLEMENTATION OF COMMON E-LEARNING PLATFORM AT RIGA TECHNICAL UNIVERSITY**
Z. Zitmanis

09:00 **WATER LOGGED BUT NOT SHIPWRECKED: VIRTUAL CLASSROOMS AS A TRANSFORMATIVE OPTION**
P.N. Waldron-Moore, R.V. Akbar

09:15 **COMBAR – AN INNOVATIVE E-LEARNING METHODOLOGY TO OVERCOME COMMUNICATIVE BARRIERS IN VET -EDUCATIONS**
L. Ziska, P. Thomsen

09:30 **PEER PRODUCTION OF ELEARNING AND THE CHALLENGE OF QUALITY MANAGEMENT**
A.M. Auvinen

09:45 **FINDING THE PHILOSOPHER'S STONE: THE CREATION OF SOPHISTICATED E-LEARNING ITEMS IN THE HUMANITIES**
M. Jardine, M. Sauvage

10:00 **E- COMMERCE AND E-MARKETING COURSE AN E-LEARNING EXPERIENCE**
M. Almeida, M. Sousa

10:15 **"WHY ARE WE IN THE FLOOR?" LEARNING ABOUT THEATRE DESIGN IN SECOND LIFETM**
M. Childs, I. Kuksa

Computer Supported Collaborative Work (1)
Session chair: Peter Toth. Budapest Polytechnic (HUNGARY)

Tuesday, 7 of July   *Room: Barcelona*

08:30 **EXPERIENCE ON NETWORK COLLABORATIVE WORK IN THE ESAR PROJECT OF INTERNATIONAL COOPERATION**
M.D. Sánchez González, A. de Echave Sanz, F.J. Serón Arbeloa

08:45 **NO IMMERSIVE VIRTUAL ENVIRONMENTS FOR HIGH EDUCATIONAL PURPOSES. COMPARING LEARNING ENVIRNOMENTS: CONVENTIONAL ENVIRONMENT VS. SECOND LIFE**
D. Casado Neira, E. Barreiro Alonso

09:00 **SUCCESSFUL IT PEDAGOGICAL INTEGRATION: HAVING A LOOK AT THE WHOLE PICTURE**
C. Barette, M. Gazaille

09:15 **TOWARDS AN EFFECTIVE E-LEARNING 2.0**
P. Isaias, P. Miranda, S. Pifano

09:30 **LEARNING ABOUT SOCIAL ACCOUNTING: A WIKI-WEBQUEST**
C.P. Martí-Ballester, S. Moya-Gutiérrez, D. Prior-Jiménez

09:45 **PROFILE-BASED RECOMMENDATION OF AND BY DOMAIN EXPERTS SUPPORTING WEB 2.0 COMMUNITY PARADIGMS**
G. Eichler, A. Lommatzsch

10:00 **COOPERATIVE LEARNING BY UTILIZATION OF 2ND GENERATION WEB TECHNOLOGIES**
P. Toth

10:15 **INNOVATION PROCESS IS FACILITATED IN VIRTUAL ENVIRONMENT OF R & D TEAMS**
M. Shafia, N. Ale Ebrahim, S. Ahmed, Z. Taha

Experiences in Research: Academic Research Projects
Session chair: Cecília Guerra. Universidade de Aveiro (PORTUGAL)

Tuesday, 7 of July   *Room: Tibidabo*

08:30 **INFORMATION LITERACY SKILLS PROGRAMS AT THREE MAJOR SAUDI UNIVERSITY LIBRARIES**
H. Alsereihy, M. Alsuraihi

08:45 **DATA MINING IN DEDUCING LEARNING GAPS AND EXAM FAILURE AMONG STUDENTS**
V.P. Bresfelean, R. Lacurezeanu, N. Ghisoiu, M. Vlad

09:00 **THE IMPACTS OF RELATIONAL LINK TRAINING ON VIRTUAL TEAMS: A TIP INVESTIGATION**
P. Beranek, C. Claiborne

09:15 **THE CHALLENGE OF TEACHING EVALUATIONS: THE MATURITY OF LEARNING ORGANISATIONS**
P. Halloran

09:30 **CONNOTATIVE DIFFERENCES BETWEEN ENGLISH AND SPANISH: A PRELIMINARY STUDY**
T. Maghrak-Sherve

09:45 **IMPLEMENTATION OF EDUCATIONAL TECHNOLOGY IN PORTUGUESE PRIMARY TEACHER EDUCATION PROGRAMS**
C. Guerra, A. Moreira, R.M. Vieira

10:00 **THE LIVES OF ARTISTS – A GENDERED VIEW IN THE WRITING OF BIOGRAPHIES OF WELSH WOMEN ARTISTS**
P. Collet

10:15 **METHODOLOGICAL SPECIFICS OF RESEARCH IN THE FIELD OF MEDIA EDUCATION: A CSFD.CZ CASE SURVEY**
J. Kratka, P. Vacek

Pedagogical Innovations and Experiences in Foreign Language Learning / Education (1)
Session chair: Miriam Schcolnik. Tel Aviv University (ISRAEL)

Tuesday, 7 of July   *Room: Milá*

08:30 **COMMUNICATIONS TECHNOLOGY IN FOREIGN LANGUAGE TEACHING**
S.R. Stan

08:45 **EMBEDDING INTERCULTURAL COMPETENCE: TEACHING INTERNATIONAL STUDENTS HOW TO THINK CRITICALLY AND COMMUNICATE ACROSS CULTURES**
S. Ludewig

09:00 **LIVING THE LANGUAGE - EXPLORING THE STRENGHTS OF FOREIGN LANGUAGE LEARNING IN LARGE GROUPS THROUGH THE CREATION OF AN ENVIRONMENT WHICH FOSTERS COMMUNICATION, CREATIVITY, INTERACTION AND IMMERSION**
R. Dereta

09:15 **COMBINED EVALUATION OF A VIRTUAL LEARNING ENVIRONMENT: USE OF QUALITATIVE METHODS AND LOG INTERPRETATION TO EVALUATE A COMPUTER MEDIATED LANGUAGE COURSE**
M. Estrada, R. Navarro-Prieto, M. Quixal

09:30 **TECHNOLOGY-ENABLED CREATION: WEBPAGE PROJECTS IN LANGUAGE LEARNING**
M. Schcolnik

09:45 **DIRECT HUMAN INTERACTION IN COMPUTER ASSISTED LANGUAGE LEARNING: WAYS TO MOTIVATE STUDENTS OF ARCHITECTURE IN A CALL SCENARIO**
V. Algarra Carrasco, R. Dinapoli Huehnerbein

10:00 **EVALUATION MODEL FOR VALIDATION AND OPTIMIZATION OF VIRTUAL PLATFORMS AND COURSES TO STRENGTHENING THE TEACHING SKILLS OF ENGLISH**
G. Largo Ordóñez, J. Guevara Bolaños

10:15 **INTERNET-ASSISTED PHONETICS EDUCATION. THE SOUNDS OF CATALAN (HTTP://WWW.UB.EDU/SONSCATALA/)**
C. Pons-Moll, J. Carrera-Sabaté

Experiences and Pedagogical Innovations in Life & Health Sciences Education (1)
Session chair: Andrei Achimas Cadariu. Iuliu Hatieganu University (ROMANIA)

Tuesday, 7 of July   *Room: Montjuic*

08:30 **"VIRTUAL QUIZ": A TOOL FOR ACTIVE LEARNING AND ASSESSMENT IN CLINICAL ANATOMY**
M. Ribeiro, M. Amaral, H. Ribeiro, J. Machado, A. Povo, M. Severo, M.A. Ferreira

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08:45 **TEACHING RESEARCH METHODOLOGY AT POSTGRADUATE LEVEL IN LIFE SCIENCES**
A. Achimas Cadariu, L. Achimas Cadariu

09:00 **PEER-TEACHING THROUGH STUDENT DEVELOPMENT AND IMPLEMENTATION OF CASE-BASED STUDIES IN INTRODUCTORY LIFE SCIENCE COURSES**
J.B. Hoffman, A.P. Benson

09:15 **ENHANCING THE UNDERGRADUATE RESEARCH EXPERIENCE THROUGH DEVELOPMENT OF THE MENTOR-MENTEE RELATIONSHIP**
J.B. Hoffman, D.V. Arbona

09:30 **BLOGGING ASSIGNMENT IN A HEALTH MANAGEMENT COURSE: AN INNOVATIVE EXPERIENCE IN PUBLIC HEALTH POSTGRADUATE EDUCATION**
J. Jimenez-Pernett, JF. García-Gutiérrez, S. Minué-Lorenzo, C. Bermúdez-Tamayo

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09:45 **A COMPUTER-ASSISTED LEARNING EXERCISE FOR TEACHING OF STRUCTURAL BIOLOGY: A CASE OF SIMULATED DISCOVERY TO PROMOTE ACTIVE LEARNING**
D. Sheehan, S. O'Sullivan

10:00 **KNOWLEDGE EXCHANGE NODES IN PUBLIC HEALTH: TWO SUCCESSFUL PRACTICAL EXPERIENCES**
JF. García-Gutiérrez, J. Jimenez-Pernett, P. Martínez-Cabrero, S. Minué-Lorenzo

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10:15 **SERVICE LEARNING, DISASTER DRILLS, AND STUDENTS: SUCCESSFUL LEARNING PARTNERSHIPS**
R. Guin, N. Darland

Pedagogical Innovations in Education: Learning and Teaching Methodologies
Session chair: Sharon Jumper. Norwich University (UNITED STATES)

Tuesday, 7 of July   *Room: Güell*

11:00 **USING SOCRATIC TECHNIQUES TO INCREASE LEARNING OUTCOMES IN ONLINE EDUCATION**
       S. Jumper

11:15 **APPLICATION OF THE CMAP TOOLS PROGRAM TO ENVIRONMENTAL EDUCATION FOR SUSTAINABLE DEVELOPMENT AT SPAIN'S NATIONAL DISTANCE EDUCATION UNIVERSITY**
       Mª.A. Murga Menoyo, Mª.J. Bautista-Cerro Ruiz, M. Novo, M. Melendro Estefanía

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11:30 **DEVELOPMENT OF AN E-LEARNING MATERIAL TO IMPROVE VISUAL GAIT ANALYSIS**
       S. Monterde Pérez, L. Marqués Molias, I. Miralles Rull, S. Montull Morer, I. Salvat Salvat, M. Inglés Novell

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11:45 **TOWARDS BLENDED LEARNING FOR DEAF STUDIES AT THIRD LEVEL IN IRELAND**
       L. Leeson, B. Nolan

12:00 **LEARNING BY RESULT-DRIVEN PROBLEM-SOLVING. A CONCRETE APPLICATION USING SPREADSHEETS**
       G. Fiorentino, A. Fabrizio, G. Pacini

12:15 **ANALYZING HOW A BEGINNER METHODOLOGY AFFECTS IN STUDENTS. AN EXPERIENCE IN CERTIFICATE OF PEDAGOGICAL APTITUDE COURSE IN THE UNIVERSITY OF THE BASQUE COUNTRY**
       L. Fernandez

12:30 **COMPUTER ASSISTED LEARNING : CAN IT LEAD TO A BETTER UNDERSTANDING OF HIGHLY ABSTRACT SCIENTIFIC PROCESSES IN A BIOLOGY CURRICULUM OF A FOUNDATION YEAR PROGRAM AT PRETORIA UNIVERSITY, SOUTH AFRICA?**
       A. Kiviet, A. Mji

12:45 **IMPLEMENTING EUROPEAN HIGHER EDUCATION AREA PRINCIPLES THROUGH INTERACTIVE TEACHING: EXPERIENCES IN COMMERCIAL LAW AND ETHICS OF VOLUNTARY WORK**
       F. Diez, M. De la Peña

13:00 **DESIGN IN PRACTICE– A MACHINE DESIGN PROJECT AT VÄXJÖ UNIVERSITY**
       S. Khoshaba, F. Rovira-Más

13:15 **TEACHING PRIMARY RESEARCH IN THE INTERNET ERA: CONNECTING COMMUNITY COLLEGE STUDENTS TO COMMUNITY RESOURCES THROUGH RESEARCH WRITING ASSIGNMENTS**
       N.A. Cook

E-Learning: Mobile & Blended Learning
Session chair: Alexander Schmoelz. University of Vienna (AUSTRIA)

Tuesday, 7 of July   *Room: Batlló*

11:00 **MAKING THE MOVE FROM STATIC TO ACTIVITY-BASED E-LEARNING: INVESTIGATION OF A POSSIBLE MODEL**
S. Atkinson, R. Weeks, M.T. Barbaux, A. O'Hara, F. Waugh, S. Egan

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11:15 **MICROTRAINING AS AN EFFECTIVE WAY TOWARDS SUSTAINABILITY**
P. de Vries, H. K. Lukosch, M. G. F. Overschie

11:30 **FREE DISTANCE EDUCATION COURSES ON URBAN TOPICS AT LINCOLN INSTITUTE OF LAND POLICY: A FIVE-YEAR EXPERIENCE IN LATIN AMERICA**
D. Erba, M. Smolka

11:45 **QUALITY ASSURANCE AND MASS COURSES – BLENDED LEARNING IN PRACTISE**
A. Schmoelz, A. Payrhuber

12:00 **3C: A STRATEGIC APPROACH TO ENABLING, INTEGRATING AND ENHANCING BLENDED (E)LEARNING WITHIN AN INSTITUTIONAL FRAMEWORK**
P. Duffy

12:15 **STUDENTS' ACCEPTANCE AND USE OF VIRTUAL CAMPUS IN HIGHER EDUCATION: AN EMPIRICAL RESEARCH**
M. Carmona

12:30 **THE BLENDING OF THREE CHANNELS FOR DELIVERING A COMPREHENSIVE AND INNOVATIVE DISTANCE LEARNING COURSE**
M. Feituri, I. Mascitti, F. Funghi, P. Degasperi

12:45 **"NEW" WAYS OF PEDAGOGICAL WORK USING THE B-LEARNING IN HIGHER EDUCATION**
C. Leite, L. Lima, A. Monteiro

13:00 **CONTEXT-AWARE ADAPTATION PROCESS TO BUILD UNITS OF LEARNING BASED ON IMS-LD STANDARD**
S. Gómez, C. Mejía, D. Huerva, R. Fabregat

13:15 **MOBILE PHONES BRIDGING THE GAP BETWEEN YOUNG MARGINALISED PEOPLE AND LEARNING**
I. Marschalek, E. Unterfrauner, C.M. Fabian

Educational Software & Serious Games
Session chair: Isaac Larison. Northern Kentucky University (UNITED STATES)

Tuesday, 7 of July   *Room: Barcelona*

11:00 **BUSINESS GAMES A LA CARTE, A UNIQUE SOLUTION FOR A GENERIC PROBLEM**
T. Muns

11:15 **AGROTECH09: BUILDING AGRICULTURAL ROBOTS WITH LEGO MINDSTORM. A MULTIDISCIPLINARY AND MULTICULTURAL APPROACH**
P. Barreiro, B. Recio, B. Diezma, V. Mendez, M.C. Morato, E. Martinez

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11:30 **THE IMPLEMENTATION OF GAMES IN EDUCATION. A DUTCH EXAMPLE**
H. Van der Meijden

11:45 **GETTING YOUR GAME ON: TOWARDS A GAMING ADOPTION MODEL FOR EDUCATION**
S. Roodt, P. Joubert

12:00 **"THAT'S THE WAY WE WANT TO LEARN!" ICT WORKSHOP AT A PRIMARY SCHOOL**
R. Kooij, C. Balch

12:15 **COMPETENCES AND USEFULNESS OF BUSINESS GAMES: THE ROLE OF THE INSTRUCTOR**
A. Hernández, R. Cascón, T. Gorjup

12:30 **MECHANICAL MOM / DIGITAL DAD / TECHNOLOGICAL TEACHER: SUCESSFUL EDUCATIONAL SOFTWARE READING PROGRAMS IN EARLY ELEMENTARY GRADES**
I. Larison

12:45 **TO ANALYZE AND IMPROVE THE QUALITY OF REQUIREMENTS BY AN EFFECTIVE MODEL**
U. Khan, M. Elammari, A. Tawfig

13:00 **CHEMISTRY IS EVIL, MALICIOUS AND MALEVOLENT, SO TEACHING CHEMISTRY HAS TO BE TEDIOUS, BORING AND MONOTONOUS**
L. Jiménez-Esteller, D. T. Boer

13:15 **BEAT THE DOLPHIN – A MULTIMEDIA DEMONSTRATION OF DOLPHIN ECHOLOCATION**
T. Papadopoulos, J.E.N. Christensen, P.D. Fox, R. Allen, S. Dorney, P.R. White

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Experiences in Research
Session chair: Thomas Baaken. Muenster University of Applied Sciences (GERMANY)

Tuesday, 7 of July   *Room: Tibidabo*

11:00 **HIGHER EDUCATION IN INTERNATIONAL MARKETING BY INTEGRATION OF INDUSTRY PROJECTS**
T. Baaken, S. Gosejohann

11:15 **INTERACTION MODEL SUPPORTING COLLABORATION BETWEEN UNIVERSITY AND INDUSTRY**
R. Strazdina, M. Kirikova

11:30 **HOW A RESEARCH INSTITUTE INTERACT WITH THE COMMUNITY: EDUCATIONAL AND OUTHREACH ACTIVITIES OF THE L'ISTITUTO NAZIONALE DI GEOFISICA E VULCANOLOGIA OF ROME**
G. D'Addezio, P. Burrato, A. Winkler, L. Dida. Div. Scientifica

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11:45 **CREATING THE "INTERNATIONAL ACADEMIC BIOETHICS NETWORK"**
B. Feuillet-Liger

12:00 **ATTACHMENT STYLE, THE REPRESENTATION OF DEATH AND HAPPINESS. A SURVEY CONDUCTED WITH UNDERGRADUATES OF UNIVERSITY OF PADUA**
M. Codato, I. Testoni, L. Ronconi

12:15 **E-FASHION BUSINESS: BUSINESS–TO–CUSTOMER MODEL**
C. Arvaniti

12:30 **CONTINUOUS RESPONSE EVALUATION OF DIGITAL VIDEO CLIPS OVER THE INTERNET**
G. Richards, T. Tin, H. Geng

12:45 **INTERVIEWS, PARTICIPANT JOURNALS, ETHNOGRAPHIC OBSERVATION AND FOCUS GROUPS: THE AFFORDANCES OF A MULTI METHOD QUALITATIVE APPROACH IN THE STUDY OF STUDENTS AND TEACHERS**
J. Salisbury, M. Jephcote

13:00 **TECHNIQUES AND STRATEGIES, ARE THEY IMPORTANT TO LEARNING ENGLISH?**
V. Portillo Campos, N. Casas Pérez, Y. Uitzil Escalante, R. Cordova Baruch, A. Paredes Anguas

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13:15 **CULTURAL PROBES. A TOOL FOR PARTICIPATORY DESIGN OF MOBILE LEARNING IN A MUSEUM**
R. Pace, P. Limone

Pedagogical Innovations and Experiences in Foreign Language Learning / Education (2)
Session chair: Jeanne Van Dyk. University of Pretoria (SOUTH AFRICA)

Tuesday, 7 of July   *Room: Milá*

11:00 **IDEA EXCHANGE IN TRANSLATION STUDIES**
Z. Krajcso

11:15 **TEACHING ENGLISH TO ENGINEERING STUDENTS AND THE CHALLENGE OF ENGLISH FOR THE WORKPLACE IN TUNISIA**
H. Bouslama

11:30 **REFORMING FOREIGN LANGUAGE STUDIES IN SERBIA**
J. Nikolic

11:45 **THE LANGUAGE CLINIC (LC) PROJECT AT CITY UNIVERSITY OF HONG KONG: AN OUTCOME-BASED ENGLISH MENTORING SCHEME**
D. Santandreu Calonge, E. Wong, G. Wong, I. Chui

12:00 **FOREIGN LANGUAGE LEARNING THROUGH ORAL TRANSLATION PRACTICE OF MULTILINGUAL NEWS WEBSITES**
J. Van Dyk

12:15 **WEB-BASED LEARNING STRATEGIES AND CREATIVE IDEAS TO INCREASE STUDENTS ENGAGEMENT IN THE FOREIGN LANGUAGE CLASSROOM**
E. Granados - Bezi

12:30 **ENGLISH NET: AN INTRANET PORTAL FOR ENGLISH LANGUAGE TEACHING (ELT)**
S. Schofield

12:45 **MODES OF BLENDING IN SECOND LANGUAGE LEARNING**
A. Ibarz

13:00 **TASK-BASED LSP LEARNING WITH CONCORDANCE AND COGNITION TECHNOLOGIES**
A. Atabekova

13:15 **AN INTEGRATED TEACHER TRAINING SCHEME: ELECTRONIC IN-SERVICE TRAINING FOR THE NOVICE ENGLISH TEACHERS (E-INSET NET)**
B. Arap, F. Cakmak

Experiences and Pedagogical Innovations in Life&Health Sciences Education (2)
Session chair: Paul Thomas Clements. Drexel University (UNITED STATES)

Tuesday, 7 of July   *Room: Montjuic*

11:00 **THE USE OF STANDARDIZED PATIENT CASE STUDIES FOR ENHANCED ASSESSMENT OF INTIMATE PARTNER VIOLENCE (IPV) DURING PREGNANCY: AN INNOVATIVE PEDAGOGICAL STRATEGY FOR NURSING ASSESSMENT AND INTERVENTION**
P. Clements, T. Fay-Hillier, S. Solecki

11:15 **DEVELOPING & EVALUATING A COLLABORATIVE MEDICAL PHYSICS MODULE FOR THE PREMEDICAL LEVEL AT ARABIAN GULF UNIVERSITY (AGU)**
A. Ismail

11:30 **HANDHELD TECHNOLOGY AND NURSING EDUCATION: UTILIZATION OF HANDHELD TECHNOLOGY IN DEVELOPMENT OF CLINICAL DECISION-MAKING IN UNDERGRADUATE NURSING STUDENTS**
F. Cornelius, E. Haslam, H. Michael Dreher

11:45 **DEVELOPING LIFE-LONG LEARNING SKILLS THROUGH INTEGRATION OF MOBILE DEVICES IN WOMEN'S HEALTH EDUCATION**
P. Suplee, F. Cornelius, M. Gallagher Gordon

12:00 **UTILIZING CLICKER TECHNOLOGY TO EXPLORE NURSES' PERCEPTIONS OF PRACTICING IN THE WORKPLACE WITH IMPAIRED HEALTH CARE PROFESSIONALS**
S. Solecki, T. Fay-Hillier, K. Fisher, F. Cornelius, J. Draper

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12:15 **EFFECTIVENESS OF E-LEARNING BY PHYSICIANS FOR CLINICAL PRACTICE AND PATIENT OUTCOMES: A SYSTEMATIC REVIEW**
M. Alshurafa, J. So, A. McLellan, G. Guyatt, T. Haines

12:30 **USING SCREEN CAPTURE TO TEACH SPSS IN AN ONLINE ENVIRONMENT**
M. Oriol, G. Tumulty, K. Snyder

12:45 **EVALUATING THE USE OF BLACKBOARD AS A VIRTUAL LEARNING ENVIRONMENT IN THE PROFESSIONAL DEVELOPMENT OF TEACHERS- APPLICATION TO STUDENT-CENTRED LEARNING**
S. O' Sullivan

13:00 **VIRTUAL HOSPITAL - SUPPORT OF TRAINING FOR THE DEVELOPMENT OF COMPETENCES OF CLINICAL JUDGEMENT**
M.H. Brísio, M.T. Calvário

ORAL SESSIONS TUESDAY AFTERNOON
Experiences in Education: Transferring Skills and Disciplines
Session chair: Genevieve Gorrell. University of Sheffield (UNITED KINGDOM)

Tuesday, 7 of July   *Room: Güell*

14:45 **COMMON METHOD VARIANCE IN QUESTIONNAIRE-BASED STUDIES OF METACOGNITION**
G. Gorrell, N. Ford, A. Madden, P. Holdridge, B. Eaglestone

15:00 **TRAINING TEACHERS TO USE COMPUTER BASED TECHNOLOGY IN A MULTI LITERACY CONTEXT**
A. Ezeiza, M. Garmendia Mujika, A. Perez Manso

15:15 **MULTISENSORIAL EXPERIENCES AND ART EDUCATION: THE COMPLEX CONSTRUCTION OF SIGNIFICANT MEANINGS**
B. Tomsic Cerkez

15:30 **INDIVIDUALISATION OF LEARNING STRATEGIES WITHIN PROBLEM BASED LEARNING IN THE FIELD OF VISUAL ART EDUCATION**
B. Tomsic Cerkez

15:45 **EXPLOIT ALL MENTAL ABILITIES OF STUDENTS**
A. Guney

16:00 **THE EDUCATION OF COLOR IN BASIC DESIGN**
Ö. Kaptan

16:15 **DOMINANCE OF CALLIGRAPHY IN SPACE "THE GLAMOUR OF WHITE"**
M. Uygungöz

16:30 **LEADING THE STUDENT TO SEARCH AND TO CREATE NEW TECHNIQUES AND MATERIALS IN SCULTPTURE EDUCATION**
C. Öztürk

General Issues: Education, Globalization and Development
Session chair: Becky Kwan. City University of Hong Kong (HONG KONG)

Tuesday, 7 of July   *Room: Batlló*

14:45 **PUBLISHING RESEARCH IN INTERNATIONAL JOURNALS: WHAT TYPES OF COACHING DO DOCTORAL STUDENTS IN HONG KONG RECEIVE FROM THEIR SUPERVISORS?**
B.S.C. Kwan

15:00 **INDIA – RISE OF A NEW (ECONOMIC) PLAYER IN A GLOBALIZED WORLD**
B. Schroettner

15:15 **THE IMPORTANCE OF GLOBAL THINKING - OVERCOMING THE OBSTACLES OF EMERGING CONFLICT PATTERNS IN THE 21ST CENTURY**
B. Schroettner

15:30 **EDUCATIONAL PROCESS EFFICIENCY ANALYSIS BY DATA ENVELOPMENT ANALYSIS METHOD**
M. Roman, E. Jaba

15:45 **THE SOCIAL-EDUCATIONAL MEDIATION IN THE CONSTRUCTION OF AN EDUCATING CITY: THE USE OF WEB FORUMS AND ONLINE QUESTIONNAIRES**
J. Lúcio

16:00 **UNIVERSITY-INDUSTRY COOPERATION. THE RATIONALE FOR, IMPACT AND PERSPECTIVES**
V. Afteni, O. Soimu

16:15 **IDEA (INTERIOR DESIGN EXPERIENCE APPROACH) ENVIRONMENTAL SYSTEM**
A. Biamonti

16:30 **ROADLOCKS TO WOMEN BELLWETHERS**
S. Malik

Computer Supported Collaborative Work (2)
Session chair: Adam Johnson. Harvey Mudd College (UNITED STATES)

Tuesday, 7 of July   *Room: Barcelona*

14:45 **A WEB 2.0 COMMUNITY OF PRACTICE ON MULTILINGUALISM**
M. Estella

15:00 **THE VIRTUAL INORGANIC PEDAGOGICAL ELECTRONIC RESOURCE: AN ONLINE TEACHING MATERIALS REPOSITORY AND INTERACTIVE SOCIAL NETWORKING ENVIRONMENT FOR INORGANIC CHEMISTRY EDUCATORS**
A. Johnson, E. Benatan, J. Dene, H. Eppley, M. Geselbracht, E. Jamieson, B. Reisner, J. Stewart, L. Watson, B. Williams

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15:15 **INFORMATIONAL GUIDE OF CANALCIÊNCIA AS A PEDAGOGICAL TOOL TO BRING CLOSER SCIENCE AND SOCIETY, KNOWLEDGE AND INFORMATION**
L.V. Ribeiro Pinheiro, M. Rocha da Silva, S. Burnier, F. Barros, C. Guerra

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15:30 **ENHANCING LEARNING EXPERIENCES THROUGH WEB 2.0 TECHNOLOGIES – FIT LTD. EXPERIENCES FROM EUROPEAN PROJECTS**
M. Fojk, D. Kelleher

15:45 **MOBILIZING LEARNING: MOBILE WEB 2.0 SCENARIOS IN TERTIARY EDUCATION**
T. Cochrane, R. Bateman, P. Cliffin, J. Gardner, I. Henderson, S. Holloway

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16:00 **ICAMP – EXPLORING THE USE OF SOCIAL SOFTWARE IN HIGHER EDUCATION**
B. Kieslinger, C.M. Fabian, S. Fiedler

16:15 **A STUDY ON APPLYING WIKI PLATFORM FOR THE DESIGN OF GROUP ACTIVITIES IN VISUAL ART INSTRUCTION**
G-N. You, Y-H. Wang

Experiences and Pedagogical Innovations in Architecture, Civil Engineering & Urban Planning Education
Session chair: David Nielsen. Queensland University of Technology (AUSTRALIA)

Tuesday, 7 of July   *Room: Tibidabo*

14:45 **AN INNOVATIVE LEARNING MODEL FOR TEACHING ARCHITECTURAL TECHNOLOGY USING BUILDING INFORMATION MODELLING: A QUEENSLAND UNIVERSITY OF TECHNOLOGY PERSPECTIVE**
D. Nielsen, M. Fleming, A. Kumarasuriyar

15:00 **NODAL DELIVERY EDUCATION: REMOVING DISTANCE FROM DISTANCE EDUCATION WHILE ACCELERATING AND ENHANCING THE LEARNING PROCESS**
S. Whitmoyer, Z. Haywood, P. Hoppe

15:15 **DEVELOPING LEARNING MANUALS FOR EUROPEAN CONSTRUCTION PROJECT MANAGERS**
E. Pellicer, V. Yepes, J.C. Teixeira, J. Catalá

15:30 **NEW TECHNOLOGIES FOR THE TEACHING OF ARCHITECTURAL CONSTRUCTION: FROM THE BLACKBOARD TO THE COMPUTER**
A. Mas, V. Blasco, G. González, V. Quiles, C. Lerma, J. Gutiérrez

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15:45 **INTERNATIONAL DESIGN GOVERNANCE: TOOLS AND METHODS FOR BUILDING AND MANAGING GLOBAL VALUE CHAINS**
V. Auricchio

16:00 **LEARN FROM THE SMALL: CASE STUDIES AS AN ALTERNATIVE METHOD TO THE ARCHITECTURAL PROJECTS STUDIO**
R.E. Villazon

16:15 **FORMATION OF GLOBAL INTERIOR ARCHITECTURE/DESIGN EDUCATION STRATEGY PROPOSAL**
B. Kaptan

Pedagogical Innovations and Experiences in Foreign Language Learning / Education (3)
Session chair: Yoshifumi Fukada. Meisei University (JAPAN)

Tuesday, 7 of July   *Room: Milá*

14:45 **ON SEARCHING, COLLECTING, AND SHARING: LANGUAGE LEARNING IN DIGITAL AND PHYSICAL DOMAINS**
J. Bybee

15:00 **EXPLORING THE POTENTIAL OF LANGUAGE LEARNING THROUGH VIDEO MAKING**
D. Masats, M. Dooly, X. Costa

15:15 **INCREASING LANGUAGE LEARNERS' OPPORTUNITIES OF HAVING "AUTHENTIC" TARGET LANGUAGE INTERACTIONS THROUGH TASK-BASED LEARNING AND ITS OUTCOMES: RESULTS FROM THE MEISEI SUMMER SCHOOL PROJECT**
Y. Fukada

15:30 **ENHANCING LANGUAGE LEARNING EXPERIENCE THROUGH CASE STUDY AND ROLE PLAY INTEGRATION ON THE STAGE OF HIGHER EDUCATION**
E. Talalakina

15:45 **TRAINING SELF AND PEER EVALUATION SKILLS –A MOVIE PAINTS A MILLION WORDS**
M. Gillon Dowens, J. McKenny

16:00 **THE MINIMALIST READING MODEL: RE-EVALUATING GLOSSES AND ANNOTATIONS**
M. Piscioneri

16:15 **A PROPOSED PROGRAM TO DEVELOP TEACHING FOR THINKING OF PRE-SERVICE ENGLISH LANGUAGE TEACHERS**
H. Alwehaibi

16:30 **ROLE PLAYING ENGLISH**
A. Guedes

Experiences and Pedagogical Innovations in Mathematics & Statistics Education (1)
Session chair: Paola Morando. Universita' degli Studi di Milano (ITALY)

Tuesday, 7 of July   *Room: Montjuic*

14:45 **LEARNING AND PLAYING MATHEMATICS**
P. Morando

15:00 **INTRODUCING PEER-ASSESMENT METHODS IN A FIRST YEAR LINEAR ALGEBRA COURSE**
I. Fernández Rúa

15:15 **N3S: A NUMERIC-SYMBOLIC SPREADSHEET WITH GRAPHIC CAPABILITIES**
G. Fiorentino, F. Favilli

15:30 **REVIEW OF THE TEACHING OF GEOMETRY IN SECONDARY: INFORMATION AND COMMUNICATION TECHNOLOGIES AS A LEARNING RESOURCE**
B. Camarero

15:45 **CREATING MOODLE QUIZZES FOR THE SUBJECTS OF MATHEMATICS AND STATISTICS CORRESPONDING TO THE FIRST YEARS IN ENGINEERING STUDIES**
M. Blanco, M. Ginovart

16:00 **E-LEARNING PROJECT:E-MATH**
P. Morando, M.L. Spreafico

16:15 **SELF LEARNING MINI-VIDEOS THROUGH INTERNET AND MOBILE TELEPHONES: A HELP TO THE STUDENT IN THE BOLOGNA PROCESS**
E. Leton, M. Durban, B. D'Auria, D.J. Lee

Experiences in Education: Lifelong Learning
Session chair: Catherine Prunty. Dublin Institute of Technology (IRELAND)

Tuesday, 7 of July   *Room: Güell*

17:15 **UPSKILLING THE WORKFORCE; THE ROLE OF THE ACADEMIC AND THE PARTICULAR ISSUES FACING THE MATURE STUDENT**
C. Prunty

17:30 **AGE IS NOT A BARRIER: SENIORLAB, AN INNOVATIVE PROJECT-BASED APPROACH TO LEARNING FOR SENIOR CITIZENS**
R. Torres Kompen, R. Casanovas, A. Serra, D. Moreno, D. Solano, C. Bezos, I. Fernández, S. Martínez

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17:45 **INTERDISCIPLINARY ACTIVITIES IN TOURISM - A WAY TO IMPROVE HIGHER EDUCATION AND FOSTER LIFELONG LEARNING**
C. Guimarães, I. Oliveira

18:00 **CAREER DESIGNING APPROACH IN LIFELONG LEARNING PARADIGM: LITHUANIAN UNIVERSITIES' OBJECTIVES**
E. Dailidiene

18:15 **ON LINE EDUCATIONAL SUPPORT SERVICE FOR PARENTS IN EVERYDAY LIFE WITH THEIR CHILDREN**
F. Olabarrieta, E. Arranz, A. Manzano, J. Martín, N. Galende

General Issues in Education
Session chair: Helen Anderson. Manukau Institute of Technology (NEW ZEALAND)

Tuesday, 7 of July   *Room: Batlló*

17:15 **EGIS: A CASE STUDY IN PRIMARY SCHOOL**
      S. Kasola, P. Pintelas

17:30 **INVESTIGATING THE RELATION BETWEEN "INFORMATION AND COMMUNICATION TECHNOLOGY" AND KNOWLEDGE PRODUCTION BY COGNITIVE MAP THE LESSONS FOR IRAN**
      R. Maniee, M. Farasatkhah, C. Lucas

17:45 **DEVELOPMENT OF STRATEGY IN ONLINE SEARCHING: A METACOGNITIVE FOCUS**
      A.D. Madden, G. Gorrell, N. Ford, B. Eaglestone, P. Holdridge

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18:00 **SUCCESSFUL IT INTEGRATION: THE HUMAN FACTOR BEHIND IT**
      M. Gazaille

18:15 **THE RELATIONSHIP MODEL OF VARIABLES AFFECTING THE SELF-DIRECTED LEARNING READINESS OF UNDERGRADUATES IN AREA OF HEALTH SCIENCE, THAILAND**
      A. Ingard, S. Srriboonraung

18:30 **RETENTION: THE DIFFERENCES BETWEEN STUDENT AND LECTURER UNDERSTANDING OF WHAT MAKES LEARNING ENGAGING IN HIGHER EDUCATION**
      H. Anderson

18:45 **PSYCHOLOGICAL CHARACTERICTICS OF TURKISH UNIVERSITY STUDENTS APPLYING THE COUNSELING CENTER**
      E. Ceyhan

Computer Supported Collaborative Work (3)
Session chair: Henry Vander Meijden. Radboud University Nijmegen (NETHERLANDS)

Tuesday, 7 of July   *Room: Barcelona*

17:15 **A 3D ENVIRONMENT FOR INTERNATIONAL COLLABORATION. ADDED VALUE OF SYNCHRONOUS AND ASYNCHRONOUS COMMUNICATION FORMATS**
H. Van der Meijden

17:30 **MY DEL.ICIO.US FACEBOOK; EXPLORING THE RISE OF SOCIAL NETWORKS IN HIGHER EDUCATION**
P. Duffy

17:45 **"DIGITAL EMIGRANTS" AND THEIR RELATION WITH WEB 2.0**
A. Batel, S. Pita, N. Agostinho

18:00 **WEB 2.0 FOR TEACHERS: A PRACTICAL APPROACH**
G. Llorca Abad

18:15 **MAPPING THE FOUNDATIONS OF ON-LINE COLLABORATIVE WORK IN HIGHER EDUCATION**
J.A. Lencastre, A.M. Monteiro

18:30 **INFORMATION, COMMUNICATION AND TECHNOLOGY FOR EMERGENCE (ICT4E)-- AN IMMERSIVE LEARNING COMMUNITY BLENDED WITH VIRTUAL WORLDS AND WEB 2.0**
J. Herder

Pedagogical Innovations and Experiences in Foreign Language Learning / Education (4)

Session chair: Marielle Patronis. Zayed University (UNITED ARAB EMIRATES)

Tuesday, 7 of July   *Room: Milá*

17:15 **VISUAL ILLUSTRATION OF ASYNCHRONOUS CONFERENCING: ANALYSIS OF LEARNERS' INTERACTION**
       M. Patronis

17:30 **TEACHING GRAMMAR THROUGH CULTURE IN A COMMUNICATIVE WAY: A PROPOSITION FOR THE TEACHING OF FRENCH GRAMMAR THROUGH FRENCH CULTURE AND INPUT AND OUTPUT**
       I. Rivero-Vilá

17:45 **ENHANCING UNIVERSITY STUDENTS' CRITICAL SKILLS THROUGH CLIL METHODOLOGY: THE RELATIONSHIP BETWEEN ENGLISH AND CRITICAL READING COMPETENCES**
       S. Oliver del Olmo, D. Masats, M. Espinet Blanch

18:00 **SUCCESSFUL LANGUAGE LEARNING: AT WHAT PRICE?**
       M. Shinge

18:15 **FINANCING ACADEMIC PROGRAMS IN THE PROCESS OF BOLOGNA REFORMS IN SERBIA**
       L. Markovic

Experiences and Pedagogical Innovations in Mathematics & Statistics Education (2)
Session chair: Maria Luisa Spreafico. Politecnico di Torino (ITALY)

Tuesday, 7 of July   *Room: Montjuic*

17:15 **"HAND-CRAFTED" MATHEMATICS**
M.L. Spreafico

17:30 **E-FORUM, A STRATEGY FOR DEVELOPING KEY COMPETENCE OF COMMUNICATION IN, WITH AND ABOUT MATHEMATICS**
A. Serradó Bayés

17:45 **LEARNING WITH THE USE OF TECHNOLOGY**
S. Pais, I. Cabrita, A. Batel Anjo

18:00 **THE INNOVATIVE USE OF COMPUTER BASED AND COMMUNICATION TECHNOLOGY. A LESSON FROM A RURAL ENVIRONMENT**
M. Mihai

18:15 **STUDYING THE INTRODUCTION OF INFORMATION COMMUNICATION TECHNOLOGY AS A PREPARATION TOOL FOR PRE-SERVICE MATHEMATICS TEACHERS AT TEACHERS TRAINING UNIVERSITIES**
A. Assare, H. Roshangar

18:30 **A HOLISTIC VIEW TOWARDS RESISTANCE TO MATHEMATICS LEARNING**
R. Chao

POSTER SESSIONS TUESDAY MORNING
Poster Session 1. Pedagogical Innovations in Education

Tuesday, 7 of July   *Room: Poster Room*

- **AN ARONSON PUZZLE AS TECHNIQUE FOR LEARNING HOW TO MODEL EXPERIMENTAL PROBLEMS USING ORDINARY DIFFERENTIAL EQUATIONS**
  A. LLuch Peris

- **APPLICATION OF ENVIRONMENTAL AND FINANCIAL DATABASES TO TEACHING METHOD**
  V. Ferron Vilchez, J. Aguilera Caracuel, I. Martin Tapia, M.A. Escudero Torres

- **BIBLIONOVA METHODOLOGY FOR THE DEVELOPMENT OF ACADEMIC COMMUNITY'S INFORMATION CULTURE**
  L. Liukineviciene

- **COMPUTERIZED ADAPTATIVE ASSESSMENT IN HIGHER EDUCATION: CHALLENGES AND CHANCES**
  I. Cañadas, S. Tirado, R. Bautista

- **COMPUTERIZED ADAPTATIVE TESTS: A NEW FRIENDLY AND EFFICIENCY ASSESSMENT PROCEDURE**
  S. Tirado, I. Cañadas, R. Bautista

- **CONTINUOUS EVALUATION IN THE GENERAL CHEMISTRY COURSE OF THE UNIVERSITY REY JUAN CARLOS**
  S. Prashar, S. Gómez-Ruiz, G. Díaz-Pardo, M.R. Martín-Briceño

- **DESIGN OF EXPERIMENTS IN A LABORATORY OF MECHANICS OF ENGINEERING MATERIALS**
  J.M. Gadea Borrell, J. Segura Alaraz, E. Julia Sanchis

- **EVALUATION OF THE REY JUAN CARLOS UNIVERSITY INTEGRAL TUTORING PROGRAMME AT THE EHEA**
  Y. Pérez, M. Gonzalo

- **GEOTECHNICAL ENGINEERING EDUCATION: FROM ACADEMIC INSTITUTION TO THE REAL WORLD**
  B. Moussai

- **METHODOLOGIES FOR TEACHING AND LEARNING PRACTICES IN THE CHEMISTRY LABORATORY. AN EXAMPLE: "DETERMINATION OF FERRIC OXIDE IN A SAMPLE OF CEMENT"**
  R. Torralba Marco, R. Dominguez Gomez, A. Martín Sanz

- **REY JUAN CARLOS UNIVERSITY INTEGRAL TUTORING PROGRAMME AT THE EHEA**
  M. Gonzalo, Y. Pérez

- **STUDENT COUNSELLING USING A PERSONAL STUDY PLAN**
  S. Pirttimäki, K. Laitinen, E. Pekonen

- **TEACHING MATHEMATICS WITH THE HELP OF THE TV**
  ML. López, J. Rodrigo, A. Salvador

- **TEACHING MULTIVARIATE DATA ANALYSIS IN CHEMISTRY USING SCIENTIFIC PAPERS**
  J. Hernandez-Borges, M.A. Rodríguez-Delgado

- **THE APPLICATION OF BEST PRACTICE STANDARDS IN INTERNET-BASED EDUCATION**
  J. Dougherty, C. Roehrs

- **THE UNIVERSITY TEACHING AND THE WEB 2.0**
  C. Cameselle, S. Urrejola

- **TUTORING IN OUR FACULTY**
  R. Rangel-Corona, T. Corona-Ortega, L. Aguilar-Santelises, M. Cruz-Millán, A. García-del Valle, B. Weiss-Steider

- **USING FILM TO AID PROBLEM-SOLVING AND CLASS DISCUSSION IN AN ENVIRONMENTAL LAW AND POLICY CLASS**
  S. McEvoy

POSTER SESSIONS TUESDAY AFTERNOON
Poster Session 2. Experiences in Research and New Technologies

Tuesday, 7 of July   *Room: Poster Room*

- **A COMPARATIVE ANALYSIS OF SOCIAL VIRTUAL WORLDS**
  R. Reis, B. Fonseca, J. Pavão, L. Morgado, P. Martins

- **A SWOT ANALYSIS OF RESEARCH PROJECTS IN ELEMENTARY SCHOOL: THE MENINAS PROJECT I**
  A.S. Gutierrez, J.M. Becerril

- **A SWOT ANALYSIS OF RESEARCH PROJECTS IN SECONDARY SCHOOL: THE MENINAS PROJECT II**
  A.S. Gutierrez, J.M. Becerril

- **ANALYSIS AND DESIGN REQUIREMENTS FOR INTEGRATED SYSTEMS OF EDUCATION MANAGEMENT**
  A.L. Aktayeva

- **COMPARISON OF RECENTLY AGRICULTURAL EDUCATION SYSTEMS IN TURKEY**
  M. Direk, A.S. Erol

- **EMERGING TECHNOLOGIES IN EDUCATION**
  R. Kaushalya, B. Raju, H. Hemlanaik, S. Jaganath

- **IN-SERVICE TRAINING FOR SCIENCE AND TECHNOLOGY INSTRUCTION IN INCLUSIVE CLASSROOMS: WORKSHOPS COMBINED WITH COMPUTER COMMUNICATION**
  M. Yifrach, O. Spektor-Levy, R. Glaubman, H. Glaubman

- **INTERNET-BASED INSTRUCTION FOR HIGH SCHOOL STUDENTS' LEARNING IN BANGKOK METROPOLIS, THAILAND**
  S. Ingard

- **MULTIMEDIA AS AN EDUCATIONAL TOOL FOR THE TEACHING OF CHEMISTRY IN ENGINEERING STUDIES**
  R. Bermejo, A. Ramos, A. Ortiz, R. Cuesta, A. Quesada

- **NEW REQUIREMENTS FOR LEARNING MANAGEMENT SYSTEMS TO MAXIMIZE EDUCATION DELIVERED AND RECEIVED**
  T. Vanderkop

- **NEW TEACHING IN TECHNOLOGIES ON HEURISTIC DESIGN OF REINFORCED CONCRETE STRUCTURES**
  V. Yepes, F. Gonzalez-Vidosa, A. Carbonell, F.J. Martínez, I. Paya-Zaforteza

- **ORGANIC WASTE MANAGEMENT: LINK BETWEEN RESEARCH AND EDUCATION**
  A. Méndez, A. Saa, S. Barriga, G. Gascó

- **PROMOTING ACADEMIC STUDY SKILLS AT THE UNIVERSITY OF KUOPIO**
  N. Räsänen

- **THE ROLE OF FREELY AVAILABLE SOFTWARE IN BRIDGING HIGH EDUCATION AND RESEARCH: THE CASE OF R**
  G. Ibarra-Berastegi, U. Ganzedo, J. Saenz, A. Ezcurra, A. Elias, A. Barona, L. Insausti

- **THE "OSEL 2.0" PROJECT: A FRAMEWORK FOR AN OPEN SOURCE, FLEXIBLE AND INTEGRATED LEARNING ENVIRONMENT ON WEB 2.0**
  A. Marengo, A. Pagano

- **WIKIS AS A TOOL FOR COLLABORATION IN OPEN EDUCATIONAL RESOURCES**
  R. Cuesta, N. Gálvez, J.M. Domínguez-Vera, A. Ortiz, R. Bermejo

VIRTUAL SESSIONS
Computer Supported Collaborative Work

- **A WIKI PILOT PROJECT FOR AN EXERCICE OF A THEORICAL SUBJECT OF ARCHITECTURE**
  J.R. Ruiz, V. Cristini

- **ARGUMENT DIAGRAMMING TOOLS FOR COLLABORATIVE LEARNING**
  S. Heras, V. Julián

- **COOPERATION NETWORK BETWEEN PUBLIC SCHOOLS AND EDUCATIONAL AREA OF PONTEVEDRA CITY HALL (SPAIN)**
  B. García Antelo, V. Estévez Baquero

- **DEVELOPMENT OF INFORMATION AND COMMUNICATION TECHNOLOGY, AND RURAL COMMUNICATION (CASE STUDY: EXPERIENCE OF POST BANK OF IRAN)**
  M. Atashak, D. Atashak

- **ENGAGING IN MULTIPLE TELECOLLABORATIVE EXPERIENCES AND DEVELOPING CRITICAL REFLECTION AND COLLABORATIVE INQUIRY: THE CASE OF AN MA AT THE UNIVERSITY OF LUXEMBOURG**
  K. Zourou

- **FROM BASIC TO CRITICAL AND CREATIVE THINKING: AN EXPLORATORY STUDY BASED ON BLOGS**
  A. Ramos

- **PILOT EXPERIENCE OF USING A WIKI FOR LEARNING AND COMMUNICATING AMONG SENIOR STUDENTS**
  J. Traver, R. Esteller, P. Escuder

- **QUALITATIVE CRITERIA OF WEB 2.0 TOOLS**
  B. Vaquerizo García, A.E. Renedo Mena

- **THE USE OF VIRTUAL WORLDS FOR EVALUATING STUDENTS' INTERPERSONAL INTERACTIONS**
  D. Aguilar, F. M'Cormack

- **USE OF BLOG PLATFORMS IN INFORMATION SCIENCES THROUGH COOPERATIVE TEACHING/LEARNING AND CONTINUOUS EVALUATION**
  S. Sánchez Castillo

- **USE OF BLOGS AND WIKIS AS DIDACTIC RESOURCES IN AN ORGANIC CHEMISTRY COURSE**
  A. Barneto, U. Pischel

- **USING SOCIAL MEDIA TO IMPROVE UNDERGRADUATE STUDENTS PERFORMANCE ON INFORMATION AND COMMUNICATION TECHNOLOGY (ICT) SUBJECT IN NON COMPUTER SCIENCE COURSES**
  P. Mentzelou, V. Vounoukis, M. Bargouli, A. Michailidou

- **WEB 2.0 TAG CLOUDS IN HIGHER EDUCATION: A CASE STUDY IN THE DEGREE IN ACTUARIAL SCIENCES**
  M.C. Mayorga-Toledano, A. Fernández-Morales

- **WEB 2.0 TOOLS IN COLLABORATIVE LEARNING**
  A.E. Renedo Mena, B. Vaquerizo García

E-content Management and Development

- **A CONCEPTUAL MODEL FOR KNOWLEDGE SHARING PERFORMANCE MEASUREMENT IN KNOWLEDGE ORIENTED INSTITUTES**
  M.A. Shafia, I. Raeesi Vanani, S. Shafia

- **A DECISION MAKING METHOD WITH COMPLEX ATTITUDINAL CHARACTERS FOR EDUCATIONAL MANAGEMENT**
  J. Merigó, P. López-Jurado, M. Gracia, M. Casanovas

- **A TAXONOMY OF PLAGIARISM IN COMPUTER SCIENCE**
  M. Joy, G. Cosma, J. Sinclair, J. Yau

- **ACADEMIC PLAGIARISM: CAUSES AND MEASURES**
  R. Comas Forgas, J. Sureda Negre, T. Mut Amengual

- **E-CONTENT:THE CORE COMPETENCIES FORMATION IN EFFECTIVE TEACHING AND LEARNING OF ENGINEERS**
  P. Pavlasek

- **PROTECTING INTELLECTUAL PROPERTY RIGHTS (IPR) ON E-LEARNING SYSTEMS**
  C. Serrão, J. Marques, A. Mendes

E-Learning

- **A NEW PROPOSAL FOR LEARNING OBJECT QUALITY EVALUATION BASED ON ONTOLOGY**
  D. Medina, J. Hermida Carbonell, A. Montoyo

- **AN INTERUNIVERSITY E-LEARNING EXPERIENCE**
  J.A. Aledo, F. Lopez Pelayo, J.C. Valverde

- **APPLYING THE BLENDED-LEARNING MODEL IN THE "PSYCHOPATHS AND MASS MURDERERS" SUBJECT OF THE UNIVERSITY OF ALICANTE CRIMINOLOGY DEGREE**
  N. Albaladejo-Blazquez, J. Herranz-Bellido, R. Ferrer-Cascales, A. Reig-Ferrer, MD. Fernandez-Pascual

- **APPLYING WEB 2.0 TECHNOLOGY IN THE ACQUISITION OF RESEARCH SKILLS IN HE**
  M. Shafiullah, J. Allbutt

- **ASSESSING THE IMPACT OF APLIA, A COMPUTER ASSISTED INSTRUCTION TOOL, ON LEARNING OUTCOMES IN A BUSINESS STATISTICS COURSE**
  O. Nwoha, R. Mokia, B. Dia

- **B-LEARNING CAPABILITIES IN AN E-LEARNING PLATFORM: A MODULE FOR SCHEDULING AND ATTENDANCE CONTROL**
  A. García, O. Peñalba, J. Juan, R. Rejas-Muslera

- **BLENDED LEARNING AND ETCS: EXAMPLE OF VIRTUALIZATION OF A SUBJECT OF SPANISH MORPHOLOGY**
  F.J. de Cos Ruiz

- **COLLABORATIVE LEARNING EXPERIENCES USING SOCIAL NETWORKS**
  A. Mora-Soto, M. Sanchez-Segura, F. Medina-Dominguez, A. Amescua

- **COMPARING LONG-TERM EFFECTIVENESS OF EDUCATIONAL E-LEARNING & CONVENTIONAL METHODOLOGIES: AN EMPIRICAL STUDY**
  M.A. Shafia, I. Raeesi, S. Shafia

- **DEVELOPING AN ONLINE COMPUTER SYSTEM SIMULATOR FOR EDUCATION**
  U. Köse

- **E-LEARNING APPROACH TO A SMOOTHER TRANSITION TO UNIVERSITY LEVEL**
  N. Domingues

- **E-LEARNING IN THE UNIVERSITY ENVIRONMENT: THE NIGERIAN EXPERIENCE**
  T.V. Bakare

- **E-MAIL MEDIATED TUTORSHIP/COMMUNICATION AND OTHER ONLINE RESOURCES IN UNIVERSITY TEACHING: A CASE OF STUDY**
  C. Gisbert, A. Fita, J. Prohens

- **EDUCATIONAL APPROXIMATION TO THE ENVIRONMENT KNOWLEDGE, USING THE NEW TECHNOLOGIES: MOODLE LIKE STRATEGY OF TEACHER TRAINING**
  A.A. Lorca, M. Ferreras, A. Wamba

- **EXAMINING DISTANCE EDUCATION STATUS IN IRAN FOR SUGGESTING MODELS TO CONDUCT, DEVELOP AND EXECUTE IT SUCCESSFULLY**
  M. Atashak

- **GETTING STARTED WITH BLENDED LEARNING:AN INVITATION FOR COOPERATION**
  A. Alhussain

- **HANDS-ON NING: AN ONLINE COMMUNITY FOR THE ELT CLASSROOM**
  E. Bañares

- **HOW CAN MOODLE HELP STRUGGLING STUDENTS?**
  P. Ortega, F. Arcos

- **IMPROVEMENT IN THE QUALITY OF THE EDUCATION-LEARNING PROCESS AND DEVELOPMENT OF SKILLS THROUGH THE NETWORK**
  D. Pérez-Quintanilla, S. Gómez-Ruiz, S. Morante-Zarcero, I. Sierra

- **INFLUENCE OF STUDENT LEARNING STYLES IN THE USE OF TECHNOLOGICALLY-ENRICHED ENVIRONMENTS FOR TEACHING OF ORGANIC CHEMISTRY**
  A. Barneto, U. Pischel

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

- **VIRTUAL LABORATORY FOR THE STUDY OF ONE-DIMENSIONAL WAVES**
  M.H. Giménez, J. Riera, A. Vidaurre, J.A. Monsoriu

- **VIRTUAL PLATFORMS FOR LECTURING IN THERMAL ENGINEERING**
  J. Sala, J. Millan, I. Gomez, I. Flores, M. Odriozola

- **ZIG-ZAG: THE FIRST ON-LINE SCIENTIFIC IPTV PROGRAM DEVOTED TO TRANSLATION**
  J. Yuste Frias

Educational Software & Serious Games

- **AN ASSESSMENT OF THE EDUCATIONAL POTENTIAL OF A FISHERIES MANAGEMENT SIMULATION GAME FOR ENVIRONMENTAL SCIENCES STUDENTS**
  M. Ruiz, J. A. González, F. Franco, M. A. Alberruche

- **APPLICATION OF A STUDENT-ORIENTED SOFTWARE TOOL TO IMPROVE THE LEARNING OF FUZZY INFORMATION RETRIEVAL SYSTEMS**
  J.M. Moreno, E. Herrera-Viedma, A.G. Lopez-Herrera, S. Alonso, F.J. Cabrerizo, C. Porcel

- **DAMSFORT. COMPUTER SOFTWARE EDUCATIONAL FOR MECHANICAL ENGINEERING**
  J.C. Fortes Garrido, F. Gómez Bravo, G. Carbone, M.A. Rodríguez

- **EDUCATIONAL SOFTWARE ABOUT CHEMICAL REACTIONS**
  J. Leal, L. Gonçalves

- **MODELING EDUCATIONAL TECHNOLOGY ACCEPTANCE AND SATISFACTION**
  P. Wessa, S. Poelmans

- **SERIOUS GAMES AS A TOOL OF NEW JOURNALISM: AMONG IDEOLOGY, INFORMATION AND ENTERTAINMENT**
  A. Cuadrado

- **THE DESIGN, DEVELOPMENT AND EVALUATION OF THE EDUCATIONAL SOFTWARE OF ROAD SAFETY EDUCATION "THE CHARIOT OF THE SUN"**
  G. Koutromanos

- **YOUTUBE FOR LEARNING ENGLISH AS A FOREIGN LANGUAGE: CRITICAL THINKING, COMMUNICATIVE SKILLS**
  A. Bastos, A. Ramos

Emerging Technologies in Education

- **A SOUTH AFRICAN CULTURAL CONSTRUCT OF AUTONOMY IN ONLINE COMMUNITIES**
  L. Kajee

- **A STUDY OF INSTANT MESSAGING SOFTWARE'S EFFECT ON EDUCATION ENVIRONMENT FROM VIEWPOINT OF SOCIAL INTERACTION**
  S.Y. Wu

- **AN INVESTIGATION INTO EFFICIENCY OF ICT IN NIGERIA DISTANCE LEARNING EDUCATION. A CASE STUDY OF NATIONAL OPEN UNIVERSITY OF NIGERIA**
  D. Shofoyeke

- **COMBINING DIFFERENT TECHNOLOGIES IN A FUNERARY ARCHAEOLOGY CONTENT AND LANGUAGE INTEGRATED LEARNING (CLIL) COURSE**
  L. Cignoni, G. Fornaciari

- **CONNECTING TRANSITIONS AND INDEPENDENT LEARNING IN HIGHER EDUCATION: EVALUATING THE IMPACT OF THE READ/WRITE WEB ON THE FIRST-YEAR STUDENT EXPERIENCE**
  R. Hall, H. Conboy

- **DESIGNING AND DEVELOPING NEW STUDENT RESPONSE SERVICES FOR IPOD AND IPHONE**
  J.. Stav, E. Erik, R. Bergh, J. Lu

- **EXPANDING LEARNING SKILLS IN INDUSTRIAL PRODUCTION ENVIRONMENTS BY DEVELOPING AND UTILIZING INNOVATIVE ONLINE SIMULATOR SERVICES**
  J. Stav, T. Thorseth, E. Engh

- **INFORMATION TECHNOLOGY OPTIMIZATION STRATEGIES IN SCIENCE HIGHER EDUCATION**
  C. Bao, J.M. Castresana, L.M. Lopez, M.C. Juarez

- **INTEGRATING INFORMATION AND COMMUNICATION TECHNOLOGY IN ENGLISH LANGUAGE TEACHING IN NIGERIA: AN INVESTIGATION**
  A. Izuagba, V.N. Nwigwe

- **INTERACTIVE WHITEBOARD IN CLASSROOM EDUCATION: A CASE STUDY**
  N. Srt

- **IS ANYBODY OUT THERE?: PODCASTING AND THE DISTANCING EFFECT IN THE ONLINE CLASSROOM**
  M. Van Baalen-Wood

- **ITC METHODS USED IN LEARNING ACTIVITIES IN SCIENCE TEACHING IN ROMANIA**
  F. Paragină, S. Paragină, A. Jipa

- **LEARNING MATHEMATICS HANDS ON: A GRAPHING CALCULATOR BASED LEARNING ENVIRONMENT AT A HIGHER LEARNING INSTITUITION**
  C.K. Tan, C.P. Tan, M. Bava Harji

- **MULTIMEDIA CDS AS A LEARNING TOOL IN BIOLOGY STUDIES AT UNIVERSITY LEVELS**
  F. Cordoba, R. Torronteras, A. Canalejo

- **NEW TECHNOLOGIES ENGAGE THE STUDENT WITH AUTISM SPECTRUM DISORDERS**
  C. Todd, K. Hahn

- **OBSERVATIONS OF GROUP PERFORMANCE: AN INVESTIGATION OF COLLABORATIVE PROBLEM SOLVING IN CONSTRUCTION**
  M. Alel, A.S. Kwan, J.C. Miles

- **REINVENTING THE LANGUAGE LEARNING RESOURCE CENTER: MEETING NEW CHALLENGES THROUGH FOREIGN LANGUAGE EDUCATIONAL TECHNOLOGIES**
  I. Pérez Ibáñez, M. Echevarría, D. Rarick

- **REMODELLING IDEAS. NEW MEDIA AND A BETTER UNDERSTANDING OF ARCHITECTURE**
  H. Giro, M. Tamas

- **SIMULATION FOR ENGINEERING: A PROBLEM-BASED LEARNING**
  J.A. Martín-Fernández

- **VIRTUAL PHP WEBQUEST COURSE**
  M. Alonso Briales

- **VISCERAL / VIRTUAL: USING DIGITAL MATERIALS IN INTERIOR DESIGN PEDAGOGY**
  D. Caldwell

- **WEB-BASED MANAGEMENT SYSTEM FOR THE MONITORING, COMPLIANCE AND EVALUATION OF THE UNIVERSITY TUTORIALS**
  G. Matas Miraz, P. Castro Garrido, I. Luque Ruiz, M.A. Gomez-Nieto

- **WHAD'YA KNOW: USING STUDENT RESPONSE SYSTEMS IN MATHEMATICS CLASSES**
  J. McGivney-Burelle, R. J. McGivney

- **"SATELLITE GEOLOGY" (GEOLOGÍA POR SATÉLITE - GPS): AUTONOMOUS FIELD GEOLOGICAL AND PALAEONTOLOGICAL LEARNING ACTIVITIES IN HUELVA (SOUTHERN SPAIN)**
  E. Mayoral, A. Santos, C. M. Silva, da, M. Cachão

Experiences in Education: Enhancing Learning and the Undergraduate Experience

- **A NUTRITION EDUCATION PROGRAM BASED ON MEDIA EDUCATION**
  E. Llorente, L. Pérez de Eulate

- **A PROBLEM-SOLVING APPROACH FOR TEACHING INSTRUMENTAL ANALYSIS**
  A. Doménech-Carbó, J.V. Gimeno Adelantado, R. Mateo Castro, S. Sánchez Ramos, J. Peris Vicente

- **AN ASSESSMENT OF STUDENT MOTIVATION AND KNOWLEDGE CONCORDANCE IN BIOLOGICAL SUBJECTS AT THE UNIVERSITY DEGREE**
  A. Canalejo, F. Cordoba, R. Torronteras

- **ANALYSIS OF TEACHING ONLINE, CASE STUDY: THE HISTORY OF AMERICAN POPULAR MUSIC**
  S. Hinderlie

- **APPROACHES TO CURRICULUM AND DELIVERY MATERIALS TO BRING OUT BETTER SKILLED SOFTWARE ENGINEERS – AN INDIAN PERSPECTIVE**
  A. Keshav Bharadwaj, H.A. Padmini, T.R.G. Nair

- **ARABIC TEACHING AND LEARNING SYSTEM AT SOME CELEBRATED INSTITUTIONS OF HIGHER EDUCATION IN U.S.A**
  M.L. Arvide

- **BRINGING SEQUENCES TO LIFE: APPLICATIONS TO MUSIC AND CREDIT CARD DEBT USING THE TI-84 PLUS, THE INTERNET AND GROUP WORK**
  M. Haruta

- **DISTANCE LEARNING: CREATING PREPARED LEARNERS THROUGH VIRTUAL STUDENT RESOURCE CENTERS**
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