



International Association of Technology, Education and Development

**INTED2008. International Technology, Education and  
Development Conference**

**Valencia, March 3<sup>rd</sup>-5<sup>th</sup> , 2008**

**FINAL PROGRAMME**

**MONDAY, 3rd MARCH 2008**

8:00-9:00	Registration Desk
9:00-9:30	Welcome Speech
9:30-10:00	Coffee Break
10:00-13:30	Parallel Sessions / Morning Poster Session
13:30-14:30	Lunch Cocktail
14:30-18:30	Parallel Sessions / Afternoon Poster Session

**TUESDAY, 4th MARCH 2008**

08:45-10:30	Parallel Sessions
10:30-11:00	Coffee Break
11:00-13:30	Parallel Sessions / Morning Poster Session
13:30-14:30	Lunch Cocktail
14:30-18:30	Parallel Sessions / Afternoon Poster Session
18:30-19:30	Closing Sessions & Honour Wine

**WEDNESDAY, 5th MARCH 2008**

Optional sightseeing tour to Valencia  
(information at the reception desk)

## CONFERENCE OVERVIEW MONDAY, 3rd MARCH 2008

		ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	POSTER ROOM	
08:00	09:00	Registration						
09:00	09:30	Welcome Speech						
09:30	10:00	Coffe Break						
10:00	11:00	Experiences in Education: Enhancing learning and the undergraduate experience	Pedagogical & Didactical Innovations: Evaluation and Assessment	Technological Issues: E-learning & Blended Learning	Curriculum Design and Innovation	Knowledge Management	Poster Session 1	
11:00	12:00							
12:00	13:00	Experiences in Education: Enhancing learning and the undergraduate experience	Pedagogical & Didactical Innovations: Language Learning Innovations	Technological Issues: E-learning & Blended Learning	Curriculum Design and Innovation	Knowledge Management	Poster Session 1	
13:00	13:30							
13:30	14:30	Lunch Cocktail						
14:30	15:00	Experiences in Education: Enhancing learning and the undergraduate experience	Pedagogical & Didactical Innovations	Technological Issues: Advanced Classroom Technology	Curriculum Design and Innovation	Emerging Technologies	Poster Session 2	
15:00	16:00							
16:00	17:00	Experiences in Education: Enhancing learning and the undergraduate experience	Experiences in Education: Competence Evaluation	Technological Issues: New technologies in classroom	Learning & Colaborative Virtual Environments	Experiences in Education: New projects and innovations	Poster Session 2	
17:00	18:00							
18:00	18:30							

## CONFERENCE OVERVIEW TUESDAY, 4th MARCH 2008

		ROOM 1	ROOM 2	ROOM 3	ROOM 4	ROOM 5	ROOM 6	POSTER ROOM
08:45	09:00							
09:00	10:00	Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies	Experiences in Education: New projects and innovations	Research in Education: Research on Technology in Education	Research & Quality assurance in Education	European Higher Education Area	General Issues: Organizational, legal and financial issues	Poster Session 1
10:00	11:00	Coffe Break						
11:00	12:00	Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies	Experiences in Education: New projects and innovations	Research in Education: Research on Technology in Education	Educational Software & Games	European Higher Education Area	General Issues: Diversity issues	
12:00	13:00							
13:00	13:30							
13:30	14:30	Lunch Cocktail						
14:30	15:00	Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies	Experiences in Education: New projects and innovations	Research on Innovation in Education & Academic Research Projects	Educational Software & Games	International Projects	General Issues: Education and Globalization	Poster Session 2
15:00	16:00							
16:00	17:00	Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies	Experiences in Education: New projects and innovations	Research on Innovation in Education & Academic Research Projects	Educational Software & Games	University-Industry Collaboration	General Issues: Education and Globalization	
17:00	18:00							
18:00	18:30							
18:30	19:30	Closing Session & Honour Wine						

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**Monday, 3rd March 2008.**  
**OPENING SESSION**

**Welcome Room**

**9:00-9:30 Welcome address**

**9:30-10:00 Welcome Coffee**

**Monday, 3rd March 2008.**

**Room No.1**

**Experiences in Education: Enhancing learning and the undergraduate experience**

- 10:00 DESIGN INSTRUMENTS FOR LEARNING GAMES: SHAPING THE MOTIVATION OF PLAY  
V. De Luca, I. Suteu
- 10:15 THE CLEMSON ENGINEERING TECHNOLOGIES LABORATORY'S ROLE IN STUDENT EDUCATION THROUGH EXPERIENCE  
D. Erich
- 10:30 USE OF VISUAL RESOURCE AS A TOOL TO EMBED CLINICAL MATERIAL IN A VERTICALLY INTEGRATED VETERINARY CURRICULUM  
L. Mossop, R. Hammond
- 10:45 PODCASTING IN EDUCATION: A PEDAGOGICAL, MARKETING, AND PROJECT MANAGEMENT PERSPECTIVE  
M. Khaund
- 11:00 PODCASTS: A CASE STUDY OF THE USE OF PODCASTING IN CURRICULUM DELIVERY  
S. Spencer, S. Cooper
- 11:15 IMPACT OF CAD (COMPUTER AIDED DESIGN) ON HIGHER EDUCATION STUDENTS OF DESIGN DISCIPLINES IN MEXICO CITY  
J. Santoyo
- 11:30 COPING WITH A CHANGING WORLD: THE UK OPEN UNIVERSITY APPROACH TO TEACHING ICT  
C. Bissell, J. Williams

**Monday, 3rd March 2008.**

**Room No.1**

**Experiences in Education: Enhancing learning and the undergraduate experience**

- 12:00 REALISTIC TRAINING OF IT AND BUSINESS MANAGEMENT WITH ONLINE SIMULATION GAMES. THE COMPUTER-SUPPORTED BUSINESS GAME "CIO-BUSINESS GAME"  
M. Baume, H. Krcmar
- 12:15 DEVELOPMENT OF RESEARCH SUPERVISION IN THE MODERN GRADUATE SCHOOL STRATEGY. CAN SUPERVISORS ADAPT TO THE DEMANDING CHALLENGES OF NON-ACADEMIC, PROFESSIONAL EMPLOYMENT ARENAS FOR RESEARCH STUDENTS?  
J. Carton, S. Jerrams, T. Betts
- 12:30 MSC MODULES AND INDUSTRIAL SHORT COURSES: SYNERGIES AND ANTAGONIES  
N. Ferguson, T. Waters
- 12:45 AN EMPIRICAL STUDY ON THE EFFORT REQUIRED IN THE REALIZATION OF FINAL YEAR PROJECTS IN ENGINEERING DEGREES  
F.J. Sáenz Marcilla, M. de la Cámara Delgado
- 13:00 NETWORKED LEARNING ENVIRONMENT FOR STUDENTS WITH LEARNING MANAGEMENT SYSTEM (LMS)  
P. Tripathi, S. Mukerji
- 13:15 "GEODESY - A CONTRIBUTING DISCIPLINE TO THE ENVIRONMENTAL ENGINEERING"  
M. Doufexopoulou, G. Bartha
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**Monday, 3rd March 2008.**

**Room No.1**

**Experiences in Education: Enhancing learning and the undergraduate experience**

- 14:30 ENHANCING LEARNING THROUGH THE USE OF HIGH-DEFINITION VIDEO CONFERENCING IN A DISPERSIVE MODEL OF VETERINARY CLINICAL EDUCATION  
R. Hammond, L. Mossop
- 14:45 TEACHING INTERCULTURAL COMPETENCE THROUGH CSCL EXCHANGES  
M. Vinagre
- 15:00 THE DESIGN AND BUILDING OF AN UAV: AN ACTUAL ENGINEERING PROJECT FOR STUDENT COOPERATIVE WORK  
F. Gandía-Agüera, M. Barcala-Montejano, A. Rodríguez-Sevillano, J. Pérez-Álvarez
- 15:15 EMBARKING ON MID-CAREER ONLINE MBA STUDIES: STUDENT EXPECTATIONS AND MOTIVATIONS  
M. Grzeda
- 15:30 ANALYSIS OF A PILOT IMPLEMENTATION OF BLENDED PROBLEM BASED LEARNING STRATEGY FOR A LOGISTICS UNDERGRADUATE EDUCATION PROGRAMME  
M. Farrell
- 15:45 EDUCATIONAL ERGONOMICS AND THE DESIGN OF FUTURE LEARNING ENVIRONMENTS  
A. Woodcock

**Monday, 3rd March 2008.**

**Room No.1**

**Experiences in Education: Enhancing learning and the undergraduate experience**

- 16:15 FROM THE POINT OF VIEW OF READY -MADE CLOTHING COMPANIES, THE EVALUATION OF INDUSTRIAL PRACTICES OF THE VOCATIONAL HIGH SCHOLL STUDENTS GETTING CLOTHING EDUCATION IN TURKEY  
M. Akkaya, N. Kilinc
- 16:30 EUROPEAN HIGHER EDUCATION AREA AND TEACHING STRATEGIC MANAGEMENT: A CONTINUOUS IMPROVEMENT  
A. Villar-López, M. Boronat-Navarro, C. Camisón-Zornoza
- 16:45 TOWARD A NEW EUROPEAN EDUCATIONAL CULTURE VIA STUDENT WORK PLACEMENT 2010  
F. Cullen
- 17:00 SPECIAL BRANCH STUDIES ON ENVIRONMENTAL MANAGEMENT IN THE CORVINUS UNIVERSITY OF BUDAPEST  
L. Vermes
- 17:15 THE RELATIONSHIP BETWEEN STUDENTS' COGNITIVE STYLES AND THEIR GRADES: A CASE STUDY  
A. Shirazi, S. Mortazavi, J. Baghaee Ravari, S. Norouzi
- 17:30 ENHANCING LEARNING OF UNDERGRADUATES EXPERIENCES DURING INTERNSHIP COURSE BASED ON ACTION LEARNING APPROACH: THE CASE OF IRANIAN AGRICULTURAL EXTENSION AND EDUCATION STUDENTS  
D. Hayati, K. Rezaei-Moghaddam
- 17:45 EDUCATING FOR GLOBAL CITIZENSHIP: SOME INITIATIVES AND FINDINGS  
D. Pan
- 18:00 A COURSE PROJECT: AN OVERVIEW FROM THE PBL "AS-RESEARCH-ORIENTED" VIEWPOINT  
J. Soto Merino
- 18:15 AFFORDABLE INTERNET BASED LEARNING MEDIA FOR DEVELOPING COUNTRY  
A. Hidayat, G. Prabantoro



**Monday, 3rd March 2008.**

**Room No.2**

**Pedagogical & Didactical Innovations: Evaluation and Assessment**

- 10:00 HELPING TOOLS FOR ITEM BANK CALIBRATION AND DEVELOPMENT OF COMPUTERIZED ADAPTIVE TESTS  
J. López-Cuadrado, A. Armendariz, T. A. Pérez
- 10:15 EFFECTIVENESS ASSESSMENT OF TELE-TAUGHT VS TRADITIONAL COURSES OF A 3-YEAR UNIVERSITY DEGREE IN COMPUTER SCIENCE ENGINEERING  
G. Boccuzzo, F. Filira, M. Dalpasso, N. Anghelidis
- 10:30 LEARNING EVALUATION WITH PROBABILISTIC NETS  
J. Chorro Gascó
- 10:45 INVESTIGATING THE EFFECT OF USING MULTIPLE SENSORY MODES GLOSSING INDIVIDUAL VOCABULARY ITEMS IN A READING TEXT WITH MULTIMEDIA ANNOTATIONS  
AA. Rezaee, N. Sharbaf Shoar
- 11:00 UNDERSTANDING THE PROCESS OF PEER-ASSESSMENT IN ONLINE GROUP WORK  
I. Oliveira, A. Pereira, L. Tinoca
- 11:15 THE DESIGN STUDIO ASSESSMENT CARROUSEL: AN INNOVATIVE FORMAT FOR DESIGN STUDIO EVALUATION AND ASSESSMENT  
A. Proveniers, J. Westra
- 11:30 EVALUATING THE "PRINCIPE FELIPE MUSEUM OF SCIENCE" EXHIBITION ON DRUGS.  
S. Tomás, M.J. Zarza, M.J. Torrijo

**Monday, 3rd March 2008.**

**Room No.2**

**Pedagogical & Didactical Innovations: Language Learning Innovations**

- 12:00 THE UTGM (UNIVERSITÀ TELEMATICA GUGLIELMO MARCONI) ITALIAN LANGUAGE COURSE: NEW POSSIBILITIES FOR LANGUAGE TEACHING AND LEARNING  
L. Ricci, J. Petrucci
- 12:15 ENHANCING TEACHER QUALITY AT THE PRIMARY SCHOOL LEVEL IN LAGOS, NIGERIA  
N. Ikonta, P. Akumabor
- 12:30 BUILDING THE CAPACITY OF IN-SERVICE TEACHERS ON THE STRATEGIES AND TECHNIQUES OF READING INSTRUCTION BASED ON FIVE INNOVATIVE LITERACY COMPONENTS  
P. Akumabor, N. Ikonta
- 12:45 TEACHING STRATEGIES BASED ON GARDNER'S MULTIPLE INTELLIGENCE THEORY. A CASE OF TECHNICAL STUDENTS OF ENGLISH FOR SPECIFIC PURPOSES (ESP) AT THE UNIVERSIDAD POLITÉCNICA DE VALENCIA  
V. Sanchis Caparrós, C. Martin-Martinez
- 13:00 LANGUAGE LEARNING IN A SCIENTIFIC-TECHNICAL ENVIRONMENT. THE CASE OF THE EUROPEAN LANGUAGE PORTFOLIO IN BUSINESS AND ENGINEERING STUDIES  
V. Sanchis Caparrós, C. Martin-Martinez
- 13:15 HOW EFFICIENTLY CAN WEB ASSIST ENGLISH LANGUAGE INSTRUCTION?  
N. Zeki

**Monday, 3rd March 2008.****Room No.2****Pedagogical & Didactical Innovations**

- 14:30 PRIME NETWORKING: FOSTERING VIRTUAL, INTERCULTURAL AND INTERDISCIPLINARY TEAMWORK FOR HIGHER EDUCATION STUDENTS  
A. Perez Alonso, E. Pujana Amaya, B. Castro Moreno
- 14:45 TRANSFERABLE AND COMPLEMENTARY SKILLS FOR RESEARCH STUDENTS  
S. Cooper
- 15:00 A ROBUST INTELLIGENT SYSTEM FOR INTERACTING WITH PEOPLE WITH COGNITIVE DISABILITIES  
E. Irigoyen, K. L. de Ipiña, N. Garay, I. Fajardo, A. Goicoechea, A. Ezeiza, M. Peñagarikano, G. Bordel, A. Conde, M. Larrañaga, A. Arruti, L.J. Rodríguez, J.M. López, E. Zulueta, M. Graña, J. Rubio
- 15:15 HOW TO MOTIVATE OUR UNDERGRADUATES: THE GUIDE AS AN ATTRACTIVE TOOL IN A MATHS CURRICULUM  
J.C. Soto Merino, I. Bayo Rekalde, F. Badiola Arnedo
- 15:30 AGILE DEVELOPMENT FOR ENTERPRISE RESOURCE PLANNING SOLUTIONS IN SME'S  
E. Estelles Arolas, J. Pardo Albiach, F. Sánchez López, A. Falcó Montesinos
- 15:45 EPIONEERING: A MENTORING APPROACH TO TECHNOLOGY ADOPTION  
E. Arici
- 16:00 SECOND LANGUAGE TEACHERS' USE AND NEEDS OF INFORMATION AND COMMUNICATION TECHNOLOGIES  
F. Gallardo del Puerto, E. Gamboa

**Monday, 3rd March 2008.****Room No.2****Experiences in Education: Competence Evaluation**

- 16:30 MATCHING, MONITORING AND ASSESSING LEARNING OUTCOMES OF STUDENTS IN PRACTICAL ASSIGNMENTS  
D. Greve, P. Schonk, P. Aa, van der
- 16:45 LEARNING: WHO CARES? A DEVELOPMENTAL PERSPECTIVE  
A. Shirazi, S. Mortazavi
- 17:00 BRIDGING ACADEMIA AND BUSINESS THROUGH PROJECT MANAGEMENT  
A. Bikfalvi, P. Marquès Gou, N. Mancebo, J. Llach, J. Kantola
- 17:15 WORK ROLE PERFORMANCE THROUGH COMPETENCE EVALUATION  
J. Llach, N. Mancebo, P. Marquès, A. Bikfalvi
- 17:30 ANALYSIS AND EVOLUTION OF PROJECT MANAGEMENT COMPETENCES USING AN ICT APPLICATION. THE CASE OF THE UNIVERSITY OF GIRONA  
M. Alcalà Vilavella, X. Espinach Orus, F. Julian Pérez, N. Verdager Pujadas
- 17:45 ECHEMTEST, A FRAMEWORK TO EVALUATE COMPETENCIES  
P. Mimero
- 18:00 A COURSEWARE MANAGEMENT SYSTEM TO CREATE SUSTAINABLE QUALITY LESSONS FOR MALAYSIAN TEACHERS  
T. Kaur, SN. Syed Idros, AR. Mohamed
- 18:15 GENDER PERSPECTIVE IN PROMOTING POSITIVE IMAGES OF SET FOR YOUNG PEOPLE. IDEA AND CONCEPT OF A EUROPEAN PROJECT  
F. Sagebiel, J. Dahmen
-

**Monday, 3rd March 2008.****Room No.3****Technological Issues: E-learning & Blended Learning**

- 10:00 IMAGINE! - SOME TRENDS IN RECREATIONAL SCIENCE AND THE PURSUE OF SCIENCE CAREERS  
M. Duran, J. Duran, M. Sodupe, E. Constantino, R. Ríos
- 10:15 MODEL FOR LEARNING MANAGEMENT SYSTEM DATA INTERCHANGE  
Z. Bizonova, D. Ranc
- 10:30 SCORM DIDACTIC COURSES SUPPLYING INTO AN EXISTING LEARNING MANAGEMENT SYSTEM  
L. Colazzo, M. Capaldi, A. Molinari, N. Villa
- 10:45 NEW EDUCATIONAL APPROACHES IN 21ST CENTURY: E-LEARNING AND M-LEARNING  
M. Pilík
- 11:00 THE POSSIBILITIES OF A BLENDED MODEL ACTIVE LEARNING APPROACH TO BUILD FACULTY CAPACITY: THE FDGP PROGRAM  
E. Childs, A. Pestek, D. Husremovic, A. Pusina, S. Kobaslija
- 11:15 WEB TECHNOLOGIES: AN ALLIED OF MATHEMATICS  
E. Vaz, G. Machado, T. Malheiro, R. Pereira
- 11:30 ONLINE APPLICATION BASED ON OPEN SOURCE SOFTWARE FOR THE REPRESENTATION OF ANTENNA RADIATION CONCEPTS  
C. Bachiller Martín, H. Esteban González, J. Morro Ros, A. Belenguer Martínez, V. Boria Esbert

**Monday, 3rd March 2008.****Room No.3****Technological Issues: E-learning & Blended Learning**

- 12:00 TOWARD A FRAMEWORK FOR COLLABORATIVE LEARNING BASED ON AGENT-BASED TECHNOLOGIES  
E. Nardini, A. Omicini, M. Matteucci
- 12:15 TOOLKITS TO ENCOURAGE ACADEMIC ADOPTION OF E-LEARNING BY REDUCING TECHNOLOGICAL BARRIERS  
W. Morgan, A. Beggan
- 12:30 USE OF THE INTERNET FOR ENHANCING HIGHER EDUCATION IN SOUTHERN AFRICA: IMPLICATIONS FOR E-LEARNING IN TOURISM AND HOSPITALITY  
D. Tassiopoulos
- 12:45 E-MARKETING – NEW MARKETING TREND AND ITS E-LEARNING FORM  
M. Pilík
- 13:00 THE MAIN DETERMINANTS OF PERCEIVED USEFULNESS OF WEB-BASED LEARNING MANAGEMENT SYSTEMS  
F. Muñoz Leiva, F. Montoro Ríos, J. Sánchez Fernández, E. Álvarez Verdejo
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**Monday, 3rd March 2008.**

**Room No.3**

**Technological Issues: Advanced Classroom Technology**

- 14:30 ESIXE, A TOOL FOR SPACE MANAGEMENT IN THE UNIVERSITY  
M. Boullón Magán, M. Cordero Souto, R. Crecente Maseda, D. Miranda Barrós, I. Santé Riveira
- 14:45 CAN SCREEN RECORDING ENHANCE THE LEARNING PROCESS? YES  
T. Fischer
- 15:00 CONCEPTUAL MINI-GAMES FOR LEARNING  
A. Illanas, F. Gallego, R. Satorre, F. Llorens
- 15:15 EFFECT OF GRAPHING TECHNOLOGY ON PERFORMANCE AND MATHEMATICAL THINKING AMONG SECONDARY MATHEMATICS LEARNERS  
WZ. Wan Ali, R. Ahmad Tarmizi, AF. Mohd. Ayub, K. Abu Bakar, AS. Md. Yunus
- 15:30 A COMPARISON OF COMPUTER BASED LABORATORY SYSTEMS FOR INTRODUCTORY PHYSICS TEACHING  
J. Santos, P. A. S. Silva, F. Caeiro

**Monday, 3rd March 2008.**

**Room No.3**

**Technological Issues: New technologies in classroom**

- 16:00 TEACHING WIRELESS TELECOMMUNICATIONS: EXPERIENCING THE NETWORK TO STIMULATE THE LEARNING PROCESS  
O. Sallent, J. Perez-Romero, A. Umbert, R. Agustí
- 16:15 A MULTIDISCIPLINARY KNOWLEDGE INTEGRATION EXPERIENCE THROUGH AN APPLIED ROBOT MOBILE COURSE  
L. Pacheco, N. Luo, X. Cufí, I. Ferrer
- 16:30 LEARNING ARTIFICIAL INTELLIGENCE BY DOING IT. THE USE OF CHATBOTS AS EDUCATIONAL TOOL  
C. Malagón, J. Pancorbo
- 16:45 A PLATFORM FOR SIGNALS AND SYSTEMS INTERNET-BASED EDUCATION  
J. Ramirez, E. Caicedo, H. Loaiza, C. Pinedo, E. Bacca
- 17:00 USE OF COMPUTATIONAL FLUID DYNAMICS (CFD) MODELS IN HYDRAULIC ENGINEERING TEACHING  
P. A. López, J.J. Mora, V. Fuertes, J. Izquierdo
- 17:15 THE USE OF NEW TECHNOLOGIES IN THE TEACHING OF TRANSLATION  
J.L. Albacete
- 17:30 CHANGES IN THE PATTERN OF LANGUAGE TEACHING  
N. Zeki, M. Gunkan
- 17:45 TEACHING EMBEDDED SYSTEMS LABORATORY VIA REMOTE ACCESS  
A. Berger, S. Lane
- 18:00 EFFECT OF INTERACTIVE MULTIMEDIA PROGRAMS ON ARAB STUDENTS' ENGLISH PRONUNCIATION  
F. Banafa
- 18:15 CRITICAL INCIDENTS, COLLABORATION, AND CYBER-REFLECTION IN COLLEGE  
D. Gliszinski
-

**Monday, 3rd March 2008.****Room No.4****Curriculum Design and Innovation**

- 10:00 LABOUR MARKET FORECASTING - TOWARDS INCREASING THE EMPLOYABILITY OF GRADUATES  
A. Klucznik-Tőro
- 10:15 COMPETENCE-BASED CURRICULUM DEVELOPMENT, HIGHER EDUCATION AND INTERNATIONAL COOPERATION, A FRUITFUL COCKTAIL  
G.W. Kouwenhoven
- 10:30 ON THE ROAD TO A JOINT DEGREE  
R. Vilanova, M. Gali
- 10:45 THE EMERGING EVOLUTION FROM AGRICULTURAL ENGINEERING TO BIOSYSTEMS ENGINEERING STUDIES IN EUROPE  
D. Briassoulis, P. Panagakis, E. Nikopoulos, F. Ayuga
- 11:00 A MODEL OF CAMPUS BASED WORK RELATED LEARNING, EXPERIENCE FROM UNDERGRADUATE BUSINESS AND ENGINEERING STUDENTS  
B. Price
- 11:15 AN OVERVIEW OF BIOTECHNOLOGY EDUCATION IN TERMS OF EU PRIORITIES IN TURKEY  
S. Erisen, Y. Erisen
- 11:30 DEVELOPMENT OF A NEW FLEXIBLE AND INTERSECTIONAL CURRICULUM IN TEXTRONICS (SMART TEXTILES)  
K. Klaebo, BG. Svaboe, V. Tyssø

**Monday, 3rd March 2008.****Room No.4****Curriculum Design and Innovation**

- 12:00 POOL - PROJECT ORGANISATION ONLINE PRACTICE AND FEEDBACK ORIENTED CURRICULUM DESIGN FOR A VIRTUAL PROJECT MANAGEMENT COURSE  
P. Haber, M. Mayr, T. Weiss
- 12:15 DESIGNING AN INTERNATIONAL VIRTUAL CURRICULUM FOR NUMERICAL CONTROL OF MACHINE TOOLS  
F. Ünsaçar, S. Yaldız, M. Sahin, N. Bilalis, E. Maravelakis, B. Yaldiz, A. Antoniadis
- 12:30 PROFESSIONAL COMPETENCES IN CIVIL ENGINEERING: SIGNIFICANCE OF THE MANAGERIAL EDUCATION  
E. Romero, E. Pellicer
- 12:45 MANAGING THE CHANGE. INTRODUCTION OF NEW CURRICULUM FOR APPRENTICESHIP IN IRELAND  
S. Murran
- 13:00 AN INVESTIGATION INTO TEACHER EMPOWERMENT AND SUPPORT ON CURRICULUM REFORM  
M.N. Mashologu
- 13:15 INNOVATING THE SCHOOL SCIENCE CURRICULUM: TEACHING THE NATURE OF SCIENCE  
A. Vazquez, M. A. Manassero-Mas
-

**Monday, 3rd March 2008.****Room No.4****Curriculum Design and Innovation**

- 14:30 HOW TO BECOME A MASTER: BUILDING THE MASTER IN NAUTICAL SCIENCES  
I. Bogaert
- 14:45 A STUDY ABOUT SEEING A PICTORIAL PATTERN VIA INTERNET  
H. L. Ma
- 15:00 PRESERVATION AS A NEW COMPULSORY SUBJECT IN THE CURRICULUM OF ARCHITECTURE. THE EXPERIENCE IN THE SCHOOL OF VALENCIA  
C. Mileto, F. Vegas López-Manzanares, J.F. Noguera Giménez
- 15:15 A CASE STUDY OF THE INTEGRATION OF ENVIRONMENTAL LEARNING IN THE PRIMARY SCHOOL CURRICULUM  
S. Sehlola, L. Jita
- 15:30 A NEW EDUCATION FRAMEWORK AND THE IMPACT ON VOCATIONAL QUALIFICATIONS OFFERED BY SOUTH AFRICAN COMPREHENSIVE UNIVERSITIES AND UNIVERSITIES OF TECHNOLOGY  
P. McGrath, G. Nickola
- 15:45 THE DEVELOPMENTAL STAGES OF REPRESENTATIONS OF REGULAR CYLINDERS  
D. B. Wu, H. L. Ma
- 16:00 A STUDY OF THE GEOMETRIC CONCEPTS OF INDIGENOUS STUDENTS OF ELEMENTARY SCHOOL AT THE VAN HIELE LEVEL ONE  
D. B. Wu, H. L. Ma, H. F. Lee, G. S. Chen

**Monday, 3rd March 2008.****Room No.4****Learning & Colaborative Virtual Environments**

- 16:30 NEW WIKI TOOLS FOR ON-LINE FORMATIVE ASSESSMENT  
S. Robles, J. Pons, J. Borrell, M. Freixas, C. Fernandez, R. M. Sebastián, A. Pèlachs
- 16:45 OPENWEBTALK: A FRAMEWORK TO SUPPORT HIGH PERFORMANCES AND HIGH RESOLUTION 3D COLLABORATIVE EXPERIENCES  
U. Barchetti, A. Bucciero, L. Mainetti, S. Santo Sabato
- 17:00 FACE-TO-FACE TEAMS AND VIRTUAL TEAMS: TWO WAYS OF IMPROVING COMPETENCIES  
M. Boronat, M. Oltra, C. García, M. Flor
- 17:15 "SOUNDS EXCITING-IT MEANS A GROUP OF SKYPE USERS CAN WORK ON ONE DOCUMENT": AN INVESTIGATION OF STUDENT REACTIONS TO USING SKYPE AND GOOGLE DOCS FOR COLLABORATIVE GROUP LEARNING  
E. Beaumont, C. Mendes da Costa
- 17:30 BORDERLESS EDUCATION: INNOVATIVE USES OF THE VIRTUAL CLASSROOM  
J. Cabiria, J. Hogg
- 17:45 VIRTUAL LEARNING ENVIRONMENTS AND OUTCOMES: HOW DOES ONE LEAD TO THE OTHER, AND HOW CAN WE MEASURE IT  
R. Cosgrave
- 18:00 GLOBAL AND LOCAL TRENDS IN ONLINE EDUCATION. THE ROMANIAN CASE  
A. Bargaoanu
- 18:15 EFFICIENCY AND COST OF TRADITIONAL LEARNING AND ONLINE LEARNING: A BENCHMARKING APPROACH IN SPANISH ENVIRONMENTS  
A.M. García-Bernabeu, M. Bravo Selles, I. Gonzalez Vañó

**Monday, 3rd March 2008.****Room No.5****Knowledge Management**

- 10:00 A NOVEL LEARNING MANAGEMENT PORTAL TO SUPPORT ENGINEERING AND TECHNOLOGY EDUCATION  
L. Walczowski, M. Ellis
- 10:15 KNOWLEDGE MANAGEMENT SYSTEM – THE IMPPETUS CASE STUDY  
L. Tipi, J. Kawalek, S. Maguire
- 10:30 SLOVAK NETWORK FOR R&D AND EDUCATION IN THE FIELD OF MODERN ENGINEERING MATERIALS (MATNET - SLOVAKIA)  
J. Jerz, J. Kosut
- 10:45 BROAD ACCESS TO JURAL COMPILATIONS: DICEA-WEB  
A. Pérez, A. Cuevas, J. Tarragón, W. Viana, A. Ventura
- 11:00 ONTOLOGY-BASED KNOWLEDGE CAPTURE FOR ENGINEERING KNOWLEDGE MANAGEMENT SYSTEMS  
C. Ho, T. Nguyen
- 11:15 KNOWLEDGE MANAGEMENT IN MALAYSIAN SMART SCHOOLS  
M. Awang, R. Fincham
- 11:30 THE ASSERTION OF KNOWLEDGE MANAGEMENT PRINCIPLES IN BUSINESS COMPANIES  
J. Ladova

**Monday, 3rd March 2008.****Room No.5****Knowledge Management**

- 12:00 ACADEMIC AND STUDEINT BLOGGING: ADVANTAGE OR DRAWBACK?  
M. Duran, L. Guillaumes, M. Sodupe, R. Ríos, E. Constantino
- 12:00 KNOWLEDGE MANAGEMENT: AUTOMATIC OBTAINMENT OF SEMANTIC PATTERNS  
J. del Peso, F. de Arriaga
- 12:15 AN ONTOLOGY APPLICATION FOR VETERINARY SERVICES  
D. Trujillo, A. Angeles, M. Sanchez
- 12:45 LEARNING AND KNOWLEDGE EXCHANGE IN TECHNOLOGY NETWORKS: EVIDENCE FROM CASE STUDY APPROACH  
M. Steiner
- 13:00 A GENETIC ALGORITHM FOR CONTENT BASED IMAGE RETRIEVAL  
M. Arevalillo-Herráez, S. Hoyas Calvo, E. Durá Martínez
- 13:15 INSERTION OF WEB 2.0 IN THE ENTERPRISE AS A SUPPORT TOOL TO KNOWLEDGE MANAGEMENT  
A. Lleo, I. Gil, P. Conesa
-

**Monday, 3rd March 2008.**  
**Emerging Technologies**

**Room No.5**

- 14:30 BLOGS AND PODCASTS AS STUDENT DELIVERABLES  
K. Gill
- 14:45 WEB 2.0 AS A COMMUNICATION CHANNEL INTRA AND INTER ENTERPRISES  
A. Lleo, I. Gil, P. Conesa
- 15:00 THE APPLICATION OF A NOVEL PLAGIARISM DETECTION SYSTEM TO AN INTRODUCTORY COURSE IN PROGRAMMING: LESSONS LEARNED  
A. Maus, O.C. Lingjaerde
- 15:15 DEPLOYING A CONTEXT AWARE SMART CLASSROOM  
C. O'Driscoll, M. Mohan, F. Mtenzi, B. Wu
- 15:30 FORECASTING BROADBAND INTERNET ADOPTION ON TRAINS  
D. Schuurman, T. Evens
- 15:45 ARCHITECTING NEXT GENERATION ENTERPRISE APPLICATIONS ON MOBILE PLATFORM  
S. Allamneni, A. Avasarala
- 16:00 MOBILE TV: CONTENT IS KING, BUT WHO'S TO BE CROWNED?  
D. Schuurman, L. De Marez
- 16:15 THE EMERGENCE OF MOBILE TELECOMMUNICATIONS INDUSTRY: A HOLISTIC VIEW FROM PAKISTAN  
A. Rafiq
- 16:30 EXPANDING THE TELECOMMUNICATIONS OPTIONS IN RURAL MIGRANT COMMUNITIES IN OAXACA, MEXICO THROUGH APPLICATIONS OF EMERGING WIRELESS TECHNOLOGIES  
A. Serrano, C. Woodruff, A. Armenta, C. Mendoza

**Monday, 3rd March 2008.**  
**Experiences in Education: New projects and innovations**

**Room No.5**

- 17:00 TECHNOLOGY BASED TRAINING: A MULTINATIONAL TECHNOLOGY SHARING CASE  
Y. Erisen, A. Mihai, M. Sahin
- 17:15 AN INTEGRATED APPROACH TO THE TEACHING OF NUMERICAL METHODS  
G. Keane, M. Carr, P. Carroll
- 17:30 THE ROLE OF STUDENTS' ASSOCIATIONS IN SCIENTIFIC FORMATION, RESEARCH AND OUTREACH: THE CASE OF ACF NOSTOC (UAM, MADRID)  
J. Ávila Jiménez, B. Estébanez Pérez, M. Fdez.-Mazuecos, D. Orgaz Álvarez, A. Ruiz Herranz, J. Vassal'lo Saco
- 17:45 THE NEW CLINICAL NURSE TUTOR'S ROLE IN EDUCATION AND CLINICAL PRACTICE  
I. Byrne, Y. Muldowney, J. Mulkerrins, H. Southern
- 18:00 TEACHING SOCIOLINGUISTICS USING COMPUTER-BASED ACTIVITIES IN A BLENDED LEARNING ENVIRONMENT  
B. Pennock-Speck
- 18:15 THE DEVELOPMENT OF REASONING REGARDING THE REAL LIFE SITUATIONS VIA INTERNET  
H. L. Ma, D. B. Wu



**Monday, 3rd March 2008.**  
**Poster Session 1**

**Poster Room**

- THE IMPORTANCE OF ASSERTIVITY IN LEARNING / TEACHING PROCESSES IN ENGINEERING EDUCATION  
N. Laguarda-Miro, I. Romero, J. Gonzalez del Rio, J. Ferrer
  - EXPENDITURE SPENDING BY CRUISE PASSENGERS: THE CASE OF CYPRIOT CRUISERS  
P. Lois
  - TEACHING SIMULATION AND DESIGN OF WASTEWATER TREATMENT PLANTS: FROM TEACHING TO LEARNING  
R. Barat, J. Serralta
  - GENERAL CHEMISTRY FOR ENGINEERS: A STUDENT'S POINT OF VIEW  
M.A. Herrero Villén, M.J. Atienza Boronat, P. Noguera Murray, L.A. Tortajada Genaro
  - ORGANIZATIONAL LEARNING AND COMMUNICATION WITH THE PUBLIC IN THE REDUCING OF WEST NILE VIRUS OUTBREAK  
D.M. Sirbu, D. Curseu, M. Popa, M.S. Popa, O. Ghiran
  - THE INDIVIDUAL HEALTH RISK ASSESSMENT  
M. Popa, D. M. Sirbu, D. Curseu, M.S. Popa, O. Ghiran
  - USING CAA FOR SUMMATIVE ASSESSMENT: ENGAGING NON-SCIENCE STUDENTS WITH CHEMISTRY  
E. Bertolo, G. Lambert
  - INTEGRATION OF EDUCATIONAL METHODOLOGIES INTO A COOPERATIVE MACHINE DESIGN PROJECT IN THE INDUSTRIAL ENGINEERING PROGRAM  
I. Peñarrocha Alós, E. Pérez Soler, A. Pérez González, J. Serrano Mira
  - INFLUENCE OF SEMINARS IN TEACHING CHEMISTRY OF NATURAL PRODUCTS. THEIR CONTRIBUTION TO ACQUIRING GENERIC AND SPECIFIC COMPETENCES FOR FOOD AND AGRICULTURAL ENGINEERING  
I. Sanz, M. A. Gonzalez
  - IMPORTANCE OF MUSIC IN THE CURRICULUM DESIGN  
M. Gonzalez-Alvarez, M.A. Bermell-Corral
  - UNDER THE BACKGROUND INFLUENCE (UTBI): RADIATION MEASUREMENT INSIDE THE ISS  
J. Sanchis Muñoz, A. Russu, M. Moreno, C. Reig
  - THE CHALLENGE OF IMPROVING TEACHING METHODOLOGIES IN OVERCROWDED GROUPS: EXPERIENCES IN BASIC MECHANICS  
M. C. Mora-Aguilar, J. L. Sancho-Brú, P. J. Rodríguez-Cervantes, J. L. Iserte-Vilar
  - REY JUAN CARLOS UNIVERSITY PROPOSAL INTEGRAL TUTORING PROGRAMME AT THE EHEA  
Y. Pérez
  - AN EXPERIENCE ON THE USE OF FOROS AS A TOOL TO FOMENT THE COOPERATIVE LEARNING OF THE STUDENTS  
A. Cháfer, E. Vercher
  - A TEACHING NETWORK FOR DEFINING THE ANALYTICAL CHEMISTRY CURRICULUM AT THE SPANISH UNIVERSITY FOR THE NEAR DEGREE IN CHEMISTRY ADAPTED TO THE EUROPEAN HIGHER EDUCATION AREA  
J. Mora, J.M. Santiago, A. Canals, A. Chisvert, N. Grané, L. Gras, V. Hernandis, A. Jiménez, G. López-Cueto, M.L. Martín, J.L. Todolí
  - PHYSICS E-LEARNING USING REUSABLE LEARNING OBJECTS FROM RECORDINGS OF THE TEACHER EXPLAINING SIMPLE CONCEPTS OR PROCEDURES  
R. Vilaplana, O. Gomis
  - CYBERGENRES AND AUTONOMOUS LANGUAGE LEARNING. PRAGMATIC STRATEGIES AND COGNITIVE MODELS IN THE PRODUCTION AND PROCESSING OF DIGITAL GENRES  
I. Navarro i Ferrando, M. L. Villanueva Alfonso, C. Girón García, A. J. Silvestre López
  - ROLE OF ISLAMIC AZAD UNIVERSITY AS A PRIVATE AND NONGOVERNMENT EDUCATION SYSTEM IN AQUACULTURE OF IRAN  
A. Kousha, E. Hallajian, F. Askarian
  - DEVELOPING GENERIC SKILLS THROUGH HOSPITALITY SUBJECTS  
S. Mohd Noor, H. Harun
  - USE OF HIERARCHICAL FLOW CHART OF ACTIVITIES IN UNDERGRADUATE CHEMISTRY STUDIES  
J. Beltran Arandes, A. Lluch Peris, E. Pitarch Arquimbau
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- THE QUALITY ASSURANCE SYSTEM REALIZED IN ITU-GPE DEPT., TURKEY  
C. ipbucker, U. ozerman, C. unen, H. yavasoglu
  - REAL PROJECTS, A METHODOLOGICAL PROPOSAL INTRODUCING FUTURE GRADUATES TO THE BUSINESS CONTEXT: TOBSINE PROJECT  
N. Rodríguez-Calatayud
  - A LEARNING MODEL IN COMPUTER ENGINEERING BASED ON COLLABORATIVE WORK FOR ENHANCING OF STUDENTS ABILITIES AND SKILLS  
I. Luque Ruiz, M.J. Peña Carrilero, M.A. Gomez-Nieto
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**Monday, 3rd March 2008.**  
**Poster Session 2**

**Poster Room**

- THE ROLE OF SEMINARIES IN EUROPEAN HIGHER EDUCATION SYSTEM  
N. Laguarda-Miro, I. Romero, J. Gonzalez del Rio, J. Ferrer
  - NEW COMMUNICATION TECHNOLOGIES AND INTERCULTURAL APPROACH: EDUCATIONAL PERSPECTIVES  
F. Zanetti
  - THE ROLE OF THE REPRESENTATIVE INSTITUTIONS OF PROFESSIONALS IN POSTGRADUATE CONTINUED TRAINING AND THE IMPROVEMENT OF THE QUALITY OF SERVICES PROVIDED  
P. Martorell Mocholi, M. T. Guardiola Chorro
  - A NEW PROJECT ON POST-GRADUATE EDUCATION: THE MASTER IN REMOTE SENSING OF THE UNIVERSITY OF VALENCIA  
C. Coll, S. Gandía, J. Meliá
  - PROPOSALS TO IMPROVE THE LEARNING PROCESS AND ASSESSMENT IN THE SUBJECT "CHEMICAL LABORATORY IV"  
LL. Monferrer Pons, S. Carda Broch, M.J. Ruiz Ángel, J. Esteve Romero
  - STUDENT WEEKLY PLANNING AS A TOOL FOR THE ECTS APPLICATION IN A FIRST COURSE OF ENGINEERING  
M. L. Alvarez-Lopez, J. J. Galiana-Merino, F. A. Pujol-Lopez
  - INDUSTRIAL PARTNERSHIPS THAT ENSURE WORKPLACE PREPAREDNESS OF STUDENTS UNDERTAKING VOCATIONAL QUALIFICATIONS IN ELECTRICAL ENGINEERING  
L. Nickola, P. McGrath
  - STUDENTS OPINION ABOUT EUROPEAN CONVERGENCE IN PHYSIOTHERAPY  
B. Díaz Díaz, A. Cardo Maza, A. Cebrià Iranzo, L. Lopez Bueno, C. Igual Camacho
  - THE EXPERIENCE OF PROFESSIONALS ON ACTIVE SERVICE, SUCH AS TEACHERS AND LECTURERS, IN THE INTEGRATION OF CLASSROOM AND LABORATORY: THE EXPERIENCE OF UNIÓN DE TÉCNICAS FARMACÉUTICAS ESPAÑOLAS  
P. Martorell, V. Llorca, B. Nebot, M.T. Guardiola
  - ECTS EXPERIENCE WITH THE "INDUSTRIAL AND ENVIRONMENTAL ANALYSIS" SUBJECT IN THE REY JUAN CARLOS UNIVERSITY  
I. Sierra, S. Morante-Zarcelero, D. Pérez-Quintanilla, Y. Pérez, R. Ballesteros, A. Sánchez
  - THE ASSESSMENT IN THE SPANISH UNIVERSITY AND ITS SUITABILITY TO THE EUROPEAN HIGHER EDUCATION AREA. CONCLUSIONS OBTAINED IN A TEACHING-LEARNING NETWORK  
J. Mora, B. Mancheño, N. Grané, L. Gras, V. Climent, M.J. Illán, F. Alonso, A. Beltrán, S. Parres, J. Mira, L. Pedro, A. López
  - STUDY OF THE RELATIONS BETWEEN THE CASTELLÓ ENTERPRISE ENVIRONMENT AND UNIVERSITAT JAUME I OF CASTELLÓ  
R. Burriel, M. Beas, L. Lapeña
  - STUDENTS' PERCEPTION OF PARTICIPATIVE TEACHING METHODS: ARE BETTER MARKS GOOD ENOUGH?  
A. Raduán, F.J. Aznar, J.A. Balbuena, M. Fernández, P. González, J.A. Raga, J. Selfa
  - LINKING THE CLASSROOM WITH PROFESSIONAL PRACTICE: BRIDGING THE GAP BETWEEN THE TEACHING AND LEARNING AND PROFESSIONAL DEMANDS  
C. Tomas, R. Lawton, C. Popovic
  - DESIGN OF MULTIMEDIA TEACHING MATERIALS FOR ON-LINE ACTIVITIES RELATED TO INSTRUMENTAL ANALYSIS SUBJECTS OF THE CHEMISTRY BACHELOR  
J. Montiel, G. Grindlay, L. Gras, J. Mora
  - REACHING EDUCATIONAL MINORITIES WITH SPECIAL NEEDS IN NON-UNIVERSITY CONTEXTS: AN EXPERIENCE AT THE UNIVERSITY OF VALENCIA (SPAIN)\*  
F.J. Aznar, M. Fernández, A. Raduán, C. Agustí, F.J. Badillo, C. Blanco, I. Blasco, A.I. Córdoba, E. Ferrer-Castelló, P. Gozalbes, M.V. Herreras, A. Holzer, F.E. Montero, D. Perdiguero, A. Pérez del Olmo, J.A. Raga, A. Repullés, J. Tomás, C. Yanes
  - THE ADAPTATION OF ENGINEERING SUBJECTS TO EUROPEAN HIGHER EDUCATION AREA.  
F. Ortiz, J. Galiana
  - AN ADAPTATION OF THE PRESENT DEGREE OF PSYCHOLOGY TO THE EUROPEAN HIGHER EDUCATION AREA  
A. Caballer, G. Ortet
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- INCREASING AFFORDABILITY AND ACCESS TO THE INTERNET AS KEY TOLL FOR AFRICA AND THE THIRD WORLD COUNTRIES ECONOMIC DEVELOPMENT  
L. Ekale
  - A TRANSFORMATION MODEL FROM INSTITUTIONAL CREDIT SYSTEM TO ECTS  
C. Ipbuker, U. Ozerman, C. Unen, H. Yavasoglu
  - PRODUCT DESIGN TEACHING PROCESSES WITHIN DESIGN STUDIOS  
S. Selva
  - TEXTS BY WOMEN ARTISTS AS PARADIGM OF SCIENTIFIC THOUGHT  
N. Rodriguez-Calatayud
  - ISLAMIC AZAD UNIVERSITY THE HIGHEST PRIVATE EDUCATION SYSTEM IN THE MIDLE EAST  
H. Sadeghifar, A. Aghapour
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**Tuesday, 4th March 2008.**

**Room No.1**

**Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies**

- 08:45 NEW LIBRARIES IN THE LEARNING SOCIETY  
P. Lùperi
- 09:00 SPECIFIC METHODOLOGIES FOR UNDERGRADUATE REPEATING YEAR STUDENTS: EXPERIENCES FOR THE UPCOMING EUROPEAN HIGHER EDUCATION AREA  
B. Ortega, M.C. Rodriguez
- 09:15 AN EXAMPLE OF EDUCATIONAL INNOVATION IN PHYSICS AND CHEMISTRY: THE TEACHING OF LARGE NUMBERS. MODELS AND ANALOGIES THAT FACILITATE THEIR COMPREHENSION  
C. Aguirre-Pérez
- 09:30 FOOD FOR THOUGHT IN ELT: PRODUCTION AND PERCEPTION OF DIRECTIVES IN SPANISH ESL LEARNERS  
M. D. Garcia-Pastor
- 09:45 DEVELOPING INDEPENDENT LEARNERS: 'LEARNING LOGS', A STEP IN THE RIGHT DIRECTION?  
B. Byers
- 10:00 THE EDUCATIONAL POTENTIAL OF WIKI TECHNOLOGY  
J. M. Aguiar, B. Carro, L. Calavia, A. Sánchez
- 10:15 THE EFFECT OF CRITICAL THINKING INSTRUCTION ON STUDENTS' ACHIEVEMENT  
A. Khalkhali, M. Sadooghi

**Tuesday, 4th March 2008.**

**Room No.1**

**Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies**

- 11:00 USE OF PROBLEM BASED LEARNING MINI-PROJECTS IN INTRODUCTORY ANALYTICAL CHEMISTRY LABORATORY COURSES TO IMPROVE STUDENT SKILLS  
E. Antico, C. Fontas, I. Marques, M. Hidalgo, J.M. Sanchez
- 11:15 TEACHING THE PHYSICS OF MEDICAL IMAGING: AN ACTIVE LEARNING APPROACH INVOLVING IMAGING OF BIOLOGICAL TISSUE  
J. Wilhelm, M. Pihl, M. Lonsdale, M. Mikael Jensen
- 11:30 LEARNING THROUGH ENTHUSIASM HOW MORE INTERACTION AND RELATION TO REAL LIFE LEAD TO A BETTER UNDERSTANDING AND LESS LEARNING EFFORT  
O. Kroll-Peters, B. Hirsch, P. Zernicke, N.J. Tiotuico
- 11:45 COMPARING THE EFFECTS OF A CONSTRUCTIVIST LEARNING APPROACH AND CONVENTIONAL METHOD ON THE GEOMETRY ACHIEVEMENT AND MATHEMATICS ANXIETY  
T. Kabaca, Y. Erdogan, E. Aydin
- 12:00 THOROUGH LEARNING VERSUS EASY LEARNING: A UTILITY APPROACH TO EDUCATIONAL PROGRAMS IN HIGH SCHOOLS AND UNIVERSITIES  
M.D. Llopis Miró, A.M. García-Bernabeu, M. Bravo Selles, I. Gonzalez Vañó
- 12:15 EVALUATION OF THE CONSTRUCTIVIST-ORIENTED COURSE E-BUSINESS 2 AS A CONTRIBUTION TO QUALITY ASSURANCE AT UNIVERSITIES  
J. Puchas, H. Schwetz, L. Zimmermann, E. Zinser
- 12:30 IMPROVEMENTS IN METHODOLOGY AND TOOLS FOR TECHNICAL DRAWING LEARNING  
B. Rey, M. Gascón Martínez, J.M. Navarro Jover, M. Alcañiz
- 12:45 UNIVERSITY RESEARCH DEPARTMENTS AS POOL OF JUNIOR SPECIALISTS IN TECHNICAL AREAS – EXAMPLE CASE UNIVERSITY OF TECHNOLOGY BERLIN, DEPARTMENT OF TRACK AND RAILWAY OPERATIONS  
C. Coves Prieto, A. Carrillo Zanuy
- 13:00 THE EFFECTIVENESS OF SYSTEMATIC TEACHING  
M.O. Kapicioglu
- 13:15 WORKING IN TERMS OF COMPETENCES: AN ACTIVITY DESIGNED USING ACTIVE METHODOLOGIES  
R. Vilaplana, O. Gomis

**Tuesday, 4th March 2008.**

**Room No.1**

**Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies**

- 14:30 SEGMENTING CONSUMERS BY E-LEARNING COURSES PURCHASE BEHAVIOUR  
M.J. Miquel-Romero, C. Ruiz-Mafe, S. Sanz-Blas, J. Tronch-García de los Ríos
- 14:45 NINE LESSONS FOR TEACHING NEGOTIATION SKILLS  
M. Conley Tyler, N. Cukier
- 15:00 THE ICE-CAP PROJECT - USING DIGITAL VIDEO IN THE PROFESSIONAL DEVELOPMENT OF LITERACY TEACHERS: HOW DO EXPERIENCED TEACHERS LEARN FROM DIGITAL VIDEO OF CLASSROOM PRACTICE LINKED TO A BULLETIN BOARD?  
C. Harrison, D. Pead
- 15:15 BLENDED LEARNING IN MICROELECTRONICS, A CASE STUDY  
J. Sepulveda Sanchis, R. Servidio, G. Ali
- 15:30 DEVELOPING LANGUAGE SYLLABUS FOR HOTEL AND CATERING STUDENTS: MALAYSIAN POLYTECHNIC CASE STUDY  
F. Mohd Noor
- 15:45 EXPERIENCES WITH NEW WORKPLACE TRAINING METHODOLOGIES IN CERTIFICATION PROCESSES IN SMALL AND MEDIUM SIZED COMPANIES  
J. B. Stav, E. Engh

**Tuesday, 4th March 2008.**

**Room No.1**

**Pedagogical & Didactical Innovations: Learning and Teaching Models & Methodologies**

- 16:15 STRATEGIES FOR PROMOTING MOTIVATION  
E. Argente, M.L. Castelló, F. Colomer, M. Ferrer, J. Jiménez, S. Vilar, B. Serra
- 16:30 EFFECTIVENESS ON IMPLEMENTATION OF COOPERATIVE LEARNING: A CASE STUDY  
A.M. Ahmad Zaidi, A.Z. Johari, N. Abu Hassan
- 16:45 TEACHING INNOVATION VALUES: A FAILURE ANALYSIS APPROACH  
G. Oster
- 17:00 DYNAMICAL TARGET-ORIENTED E-LEARNING NETWORKS  
C. De Castro, P. Toppan
- 17:15 COMPUTER LITERACY PROGRAMME FOR OLDER ADULTS  
M. Ursic, S. Gabrscek
- 17:30 PRACTICAL USES OF DIGITAL STORYTELLING  
C. Gregori-Signes
- 17:45 EXPERIENCES WITH TRAINING METHODS UTILIZING JUST-IN-TIME GENERATION OF LEARNING OBJECTS  
J. B. Stav, T. M. Thorseth
- 18:00 HOW STUDENTS OF CONTEMPORARY THEATRE AND PERFORMANCE CAN ACTIVATE PERFORMANCE HISTORY IN SECOND LIFE  
N. Reilly-McVittie
- 18:15 AN INTEGRATED APPROACH IN LEARNING AND TEACHING VIA A SIMULATED PROJECT  
M. Ho, G. Janssen

**Tuesday, 4th March 2008.****Room No.2****Experiences in Education: New projects and innovations**

- 08:45 BRIDGING THE HEALTH CARE SKILLS AND PRODUCTIVITY GAP: AN ALIGNED CLINICAL COMPETENCES PASSPORT (CCP) FRAMEWORK  
M. Spruce, P. Blakeman, R. Collier, B. Fishwick
- 09:00 PROJECT-BASED CO-TUTORED MECHATRONIC LEARNING  
G. Vassura, A. Macchelli
- 09:15 NEW LEARNING METHODOLOGIES WITH LARGE GROUPS  
M. Calvo, M. Krevs, M.L. Palanques
- 09:30 AN INTERACTIVE APPROACH TO LEARNING: USING VIDEO AS A TOOL TO PROMOTE REFLECTIVITY WITHIN AN ACTIVE PARTICIPATORY LEARNING ENVIRONMENT  
G. Whelan, L. Byrne
- 09:45 "ENTERPRISE CREATION IN BIOSCIENCE". BREAKING THE GAP BETWEEN THE ACADEMIC AND PROFESSIONAL WORLDS  
A. Domingo, S. Marcos, A. M. Bajo, A. Chiloeches, I. Diaz-Laviada, C. García, M. C. García, V. García, N. Rodríguez-Henche, J. J. Vaquero, S. Villar
- 10:00 WEBSITES OF STUDENTS FOR TAKE-HOME EXAMINATION  
T.M. de Jong
- 10:15 ENEAS - EUROPEAN NETWORK FOR ENVIRONMENT ASSESSMENT AND SERVICES  
J. Rocha e Silva, G. Pereira, R. Guimarães, M. La Cerda, I. Preto

**Tuesday, 4th March 2008.****Room No.2****Experiences in Education: New projects and innovations**

- 11:00 THE QUEST FOR INNOVATIVE EXPERIMENT USING EDUCATIONAL TECHNOLOGY TOOLS  
A. Nath, A. Sethi
- 11:15 STUDENTS MONITOR THE ENERGY OF THEIR OWN UNIVERSITY - A WAY TO COMBINE TECHNICAL SKILLS WITH THE SENSE OF ENERGY RESOURCES IN THE EDUCATION ENVIRONMENT  
H. Woellik
- 11:30 VIRTUAL TRAINING CENTRE FOR SHOE DESIGN: A SAMPLE OF VIRTUAL TRAINING ENVIRONMENT  
A. Mihai, M. Sahin, S. Yaldiz, F. Ünsaçar, N. Bilalis, E. Maravelakis, A. Antoniadis
- 11:45 ADAPTING AN AUDIOVISUAL CASE METHODOLOGY TO A VIRTUAL CAMPUS IN BUSINESS ORGANIZATION LESSONS  
E. Gallardo, P. Aparicio, X. Triadó
- 12:00 BRINGING INFORMATION TECHNOLOGY TO MIDDLE SCHOOL INSTRUCTION IN MOROCCO  
K. Smith, C. Alaoui, A. Bensaid, F. Berrada, A. Berrado, H. Darhmaoui, O. Driouech, A. El Asli, A. Legrouri, K. Loudiyi, F. Messaoudi, A. Ouardaoui, K. Sendide
- 12:15 IMPLEMENTATION OF THE INFINITY PROJECT AT DIT  
M. Tully, D. Clarke
- 12:30 AN EXPLORATION OF HEALTHCARE ASSISTANTS CLASSROOM AND CLINICAL PRACTICE LEARNING EXPERIENCES ON A HEALTHCARE SUPPORT CERTIFICATE COURSE  
I. Byrne
- 12:45 MULTIMEDIA ACTIVITIES AS REINFORCEMENT TO THE LEARNING IN SUBJECTS RELATED WITH COMPUTER NETWORKS  
M. Garcia Pineda, J. Lloret Mauri, F. Boronat Segui
- 13:00 LITTLE SCIENTISTS: A SCIENCE PROJECT FOR ELEMENTARY SCHOOLS STUDENTS  
M.C. Magalhães, P. Pombo, P. Trincão, J. Veloso
- 13:15 "PROFESIONALES - EMPRENDEDOR.ES". A MIRROR TO DISCOVER COMPETENCES AND SKILLS LOOKING AT THE PROFESSIONAL FUTURE. A COLLECTIVE EXPERIENCE WITH THE STUDENTS OF FIRST YEAR OF CHEMISTRY  
A. Domingo, A. M. Bajo

**Tuesday, 4th March 2008.**

**Room No.2**

**Experiences in Education: New projects and innovations**

- 14:30 AMBIENT LEARNING PERSPECTIVES IN THE CONTEXT OF MODERN INFORMATION AND COMMUNICATION TECHNOLOGY  
P. Zernicke, O. Kroll-Peters, B. Hirsch, N.J. Tiotuico
- 14:45 INTEGRATING BODY SCANNING TECHNOLOGIES IN EDUCATIONAL PROGRAMMES: THE CRITICAL ISSUES  
R. Otieno
- 15:00 TEACHING QUALITY AND SUSTAINABILITY WITH PREPARED PROJECT METHOD  
U. Holzbour
- 15:15 EUROKID. AN EXAMPLE OF ICT APPLICATION IN THE AREA OF ENGLISH LANGUAGE IN SECONDARY EDUCATION  
A. Arandis, N. Borrull, C. Calafat, M. Catrain, M. Juan, M. Loreda, M. Marcos, J. Salazar, R. Sánchez
- 15:30 THE IMPACT OF THE MODE OF PRESENTATION OF A SCIENCE FICTION STORY ON CHILDREN'S CREATIVE IMAGINATION  
M. Al-Ali
- 15:45 SUPPORTING GRADUATE EDUCATION THROUGH WORKBASED LEARNING  
R. Burns

**Tuesday, 4th March 2008.**

**Room No.2**

**Experiences in Education: New projects and innovations**

- 16:15 JET-NET, A SUCCESSFUL MODEL FOR COLLABORATION BETWEEN INDUSTRY AND EDUCATION  
W. Buijs
- 16:30 INNOVATION, MOTIVATION AND SUSTAINABLE DEVELOPMENT IN SECOND CYCLE  
M. Alcantud Diaz
- 16:45 USE OF AUDIOVISUAL RESOURCES IN TEACHING FINE ARTS  
J. Pertíñez López, M<sup>a</sup> C. Hidalgo Rodríguez, F. Caballero Rodríguez, A. García López
- 17:00 THE MANCHESTER MUSEUM LIFE LAB PROGRAMME - BRINGING REAL WORLD SCIENCE TO SECONDARY AND POST-16 STUDENTS IN GREATER MANCHESTER  
L. Sutherland, L. Furness
- 17:15 ENGAGING NON-EE MAJOR ENGINEERING STUDENTS IN A FOUNDATIONAL EE UNIT  
J. Henry
- 17:30 RE-USABILITY VS. CUSTOMISATION: CURRICULUM DESIGN OF THE INTERNATIONAL WINTER SCHOOL IN GRID COMPUTING '08  
P. Jandric, M. Artacho, R. Hopkins, D. Fergusson
- 17:45 ACTIVITIES TO IMPROVE THE STATISTICAL INFERENCE LEARNING AT FIRST COURSE OF THE BIOLOGICAL SCIENCES DEGREE  
J. Diz Pérez, J. Diz Pérez, M. Jurado Bello, R. Espejo Mohedano, A. Gallego Segador
- 18:00 P.I.E. EXPERIENCE IN ENGLISH PHONOLOGY: TOWARDS A MORE PRACTICAL APPROACH TO THE DISCIPLINE  
M. Zaragoza, B. Clavel
- 18:15 TEACHING AND LEARNING MATHEMATICS USING MOODLE  
A. Lopes, M. Babo, J. Azevedo



**Tuesday, 4th March 2008.****Room No.3****Research in Education: Research on Technology in Education**

- 08:45 ANALYSING WEBLOGS IN UNIVERSITY TEACHING  
S. Luján-Mora, S. de Juana Espinosa
- 09:00 TECHNOLOGY SUPPORT FOR TUTOR-STUDENT COMMUNICATIONS: PATTERNS AND TRENDS IN EARLY ADOPTION  
M. Price, A. Lapham, S. Schaffer
- 09:15 DEVELOPMENT OF UNIVERSITIES' MANAGEMENT BASED ON DATA MINING RESEARCHES  
V.P. Bresfelean, M. Bresfelean, N. Ghisoiu, C.A. Comes
- 09:30 TOWARDS EXPERT CONTENT SHARING IN MEDICAL EDUCATION  
E. Kaldoudi, M. Papaioakeim, P.M. Bamidis, V. Vargemezis
- 09:45 E- LEARNING: A CHALLENGE FOR SUSTAINABILITY IN DEVELOPING COUNTRIES: THE CASE OF THE UNIVERSITY OF BOTSWANA  
N. C. Losike -Sedimo
- 10:00 TDTEACH: DISTANCE LEARNING PLATFORM FOR OLD PEOPLE BASED ON INTERACTIVE DIGITAL TERRESTRIAL TELEVISION  
R. Melendreras-Ruiz
- 10:15 PERCEIVED EFFICACY OF DYNAMIC MATHEMATICAL SOFTWARES - A MALAYSIAN SECONDARY MATHEMATICS STUDENTS EXPERIENCES  
R. Ahmad Tarmizi, A.F. Ayub, K. Abu Bakar, A.S. Mohd Yunus

**Tuesday, 4th March 2008.****Room No.3****Research in Education: Research on Technology in Education**

- 11:00 HUM-AR: AN AUGMENTED REALITY SYSTEM SPECIALLY ADAPTED FOR EDUCATION  
M. Alcañiz, B. Rey, G Calvo
- 11:15 A MULTI-TOUCH TABLETOP DISPLAY AND ITS APPLICATIONS TO EDUCATION  
M. Alcañiz, JA. Gil, G. Calvo
- 11:30 INTELLIGENT E-LEARNING SYSTEMS: AFFECTIVE AND COGNITIVE COMPUTING  
M. El Alami, A. Arriaga, M. Romero, F. de Arriaga
- 11:45 MEDIA TECHNOLOGY STRATEGY AT THE LEIBNIZ UNIVERSITÄT HANNOVER  
A. L. Zapater Alemany, M. Krüger, A. Arslaner
- 12:00 A STUDY INTO THE ATTITUDES OF PROSPECTIVE TEACHERS TOWARDS INTERNET USE  
M. Çeliköz, N. Çeliköz
- 12:15 PORTABLE EXPERIMENTAL MODEL FOR DEMONSTRATING FAILURE PATTERN OF COMMON MACHINE COMPONENT FAULTS IN TEACHING APPLICATION  
A.M. Ahmad Zaidi, A.Z. Johari, N. Abu Hassan, H. Hussin
- 12:30 COUPLING A DATABASE WITH QUIZZES, A MODEL FOR ELEARNING APPLICATIONS?  
F. Jimenez Herrera, H. Platteaux
- 12:45 PERCEPTIONS OF MODULE LEADERS IN UTILIZING ONLINE TECHNOLOGIES TO FACILITATE CRITICAL THINKING  
W. Goh, B. Dexter, W. Murphy
- 13:00 AN ASSESSMENT OF FACULTY ATTITUDES TOWARD THE OPEN SOURCE COURSE MANAGEMENT SYSTEM SAKAI FROM AN EDUCATIONAL PERSPECTIVE  
M. Al-Ali
- 13:15 BASIC COMPUTER SKILLS OF PRIMARY SCHOOL TEACHERS AND DIRECTORS  
N. Celikoz, Y. Erisen, M. Sahin

**Tuesday, 4th March 2008.**

**Room No.3**

**Research on Innovation in Education & Academic Research Projects**

- 14:30 AN EXPERIMENTAL STUDY OF BUSINESS SIMULATION GAMES AS A MARKETING LEARNING METHOD: TRAINING MANAGERS MANAGEMENT MARKETING SKILLS  
MF. Blasco, M. Martínez Tercero
- 14:45 PSYCHO-DIDACTIC EVALUATION OF VIRTUAL EDUCATION  
A. Ezeiza, S. Palacios, J.M. Andonegi
- 15:00 RESEARCH IN EDUCATION -AN ACADEMIC RESEARCH PROJECT: A SURVEY OF INTENSIVE CARE NURSES TO DESCRIBE THEIR PERCEPTIONS TOWARDS THEIR CLINICAL LEARNING ENVIRONMENT (CLE)  
Y. Muldowney
- 15:15 ICT IN LEARNING: LESSONS FROM A NORWEGIAN NATIONAL SURVEY  
H.C. Arnseth, V. Kløvstad, G. Ottestad
- 15:30 TEACHERS BELIEFS ON EDUCATIONAL ATTITUDES  
I. Vannini
- 15:45 EDUCATION FOR OLDER ADULTS: AN EXPLORATORY STUDY  
E. Luppi

**Tuesday, 4th March 2008.**

**Room No.3**

**Research on Innovation in Education & Academic Research Projects**

- 16:15 THE BENEFITS OF SCHOOLING: THE OPTIMAL LIFESTYLE INVESTMENT IN THE LIMITED STOCK OF HUMAN CAPITAL INTO A STOCHASTIC CONTROL FRAMEWORK  
A. Pantelous, I. Kalogeropoulos
- 16:30 THE ROLE OF PARENTAL INVOLVEMENT IN MATHEMATICS EDUCATION: A SOUTH AFRICAN RURAL EXPERIENCE  
J.M. Molepo
- 16:45 INFLUENCE OF ADAPTIVE DIGITAL LEARNING MATERIAL ON LEARNING EFFECTIVENESS OF INDIVIDUAL STUDENTS  
J.R. van Seters, O.D.T. Sessink, R.J.M. Hartog, J. Tramper
- 17:00 APPLYING MAS TECHNOLOGY TO THE EDUCATIONAL SCENARIO: AN INTELLIGENT TUTORSHIP MANAGEMENT APPROACH ON A UNIVERSITY CAMPUS  
F. Bustos Claro, J. López Galeano, V. Julián Inglada
- 17:15 PSYCHOLOGICAL NEEDS PROFILE OF STUDENTS IN A HIGHER EDUCATION INSTITUTION  
H.S.L. Abdullah
- 17:30 IMPLEMENTATION HURDLES AND APPLICATION OF ROBOTICS - WHEN MINIATURIZED!!  
S. Ramaswamy, N. Latif, Y. Hassan, S. Sundari
- 17:45 AN IMPACT OF SCHOOLING REFORMS ON THE RETURNS TO EDUCATION IN MALAYSIA  
R. Ismail
- 18:00 NEURAL CORRELATES OF CONCEALED KNOWLEDGE: AN ERPS INVESTIGATION  
G. Sartori, S. Agosta, C. Civai, M. Marini
- 18:15 TRANSFORMATIVE COLLEGE CURRICULUM: A RESEARCH-BASED MODEL FOR MEANINGFUL DEGREES OF UNDERSTANDING  
D. Gliszinski

**Tuesday, 4th March 2008.****Room No.4****Research & Quality assurance in Education**

- 08:45 AN EXAMINATION OF EXECUTIVE INFORMATION SYSTEM (EIS) IMPLEMENTATION ISSUES AND EIS FOR EDUCATION SECTOR IN PAKISTAN  
RASHID. ALI, ROSHAN. Shaikh
- 09:00 QUALITY ASSURANCE AND ACCREDITATION STILL A PUZZLE FOR EUROPEAN EDUCATION  
M. Doufexopoulou
- 09:15 EVALUATION OF THE NATIONAL RESEARCH FOUNDATION "RESEARCHER EVALUATION AND RATING SYSTEM" IN SOUTH AFRICA: TOWARDS INTERNATIONAL BEST PRACTICE  
A. Pouris, A. Pouris
- 09:30 METHODOLOGICAL PROBLEMS TO MEASURE UNIVERSITY EFFICIENCY IN RELATION WITH ITS GEOGRAPHIC LOCALIZATION  
A. García-Aracil, D. Palomares-Montero
- 09:45 EFFICIENT ELEARNING  
T. Fischer
- 10:00 COMPLEX COMPETENCIES. TOWARD AN INTEGRATED MODEL FOR THE EVALUATION OF MENTAL MODELS AND BEHAVIOURAL SCHEMES RELATED TO THE ORGANIZATIONAL PROCESSES  
G.B. Ronsivalle, A. De Luca
- 10:15 BOLOGNA, MAKING IT WORK  
A. van der Gen

**Tuesday, 4th March 2008.****Room No.4****Educational Software & Games**

- 11:00 EDUCATIONAL PROGRAM FOR THE IMPLEMENTATION OF NURSING COMPUTERISED RECORDS AT A UNIVERSITARY HOSPITAL  
V. Sanchez-Martinez, A. Muñoz-Izquierdo, A. Garrido-Bartolome
- 11:15 SOMEONE TO TALK TO: A VIRTUAL PATIENT FOR MEDICAL HISTORY INTERVIEW TRAINING IN A SECOND LANGUAGE  
N. Walker, H. Cedergren, P. Trofimovich, E. Gatbonton, E. Mikhail
- 11:30 PRESENTATION OF TRAIN ALL: DETECTION OF SIMULATOR SICKNESS IN DRIVER SIMULATOR BASED DRIVER TRAINING  
A. Bekiaris, M. Delahaye
- 11:45 AKROPHOBIA TREATMENT USING VIRTUAL ENVIRONMENTS  
M. Delahaye, A. Bekiaris, A.H. Bullinger
- 12:00 ACADEMIC WEBCASTING USING THE AUTOMATED RECORDING EYA SYSTEM  
E. Canessa, C. Fonda, M. Zennaro
- 12:15 HOW TO BUILD A JET ENGINE: PROMOTING THE UNDERSTANDING OF MATERIALS ENGINEERING TO SCHOOL CHILDREN USING AUGMENTED REALITY  
K.T.W. Tan, E.M. Lewis, N.J. Avis, P.J. Withers
- 12:30 WHY ARE GAMES EFFECTIVE? A LOOK AT THE INTERACTION PATTERNS IN A GAME BASED MATHEMATICS CLASSROOM IN NIGERIA  
A. Aremu
- 12:45 INTERACTIVE MATERIALS FOR STUDENTS  
J. Bilbao, M. Rodríguez, O. García, E. Bravo, C. Varela, P. González, V. Valdenebro, M.E. Uranga
- 13:00 VIRTUAL SCENARIOS, DIGITAL IDENTITIES AND REALITY: WHICH PERSPECTIVES TOWARDS AN EDUCATIONAL APPROACH TO VIDEOGAMES?  
R. Nardone
- 13:15 PERSONALISING EDUCATIONAL GAMES TO STUDENTS' LEARNING STYLES  
P. Felicia, I. Pitt

**Tuesday, 4th March 2008.**  
**Educational Software & Games**

**Room No.4**

- 14:30 SPATIAL VISUALIZATION AND LEARNING WITH HYPERMEDIA  
G. Andrade
- 14:45 LEARNING SUPPORT SYSTEM FOR RHYTHMIC GYMNASTICS RULES USING 3D ANIMATION  
A. Soga
- 15:00 INNOVATION IN GRAPHIC REPRESENTATION IN ENGINEERING: APPLICATION OF AUGMENTED REALITY  
B. Rey, M. Gascón Martínez, J.M. Navarro Jover, M. Alcañiz, E. García Félix
- 15:15 INSTRUCTIONAL EFFICIENCY INDEX OF LEARNING VIA INTEGRATION OF AUTOGRAPH SOFTWARES AND GRAPHING CALCULATOR VERSUS TRADITIONAL IN SECONDARY MATHEMATICS  
R. Ahmad Tarmizi, A.F. Ayub, K. Abu Bakar, A.S. Mohd Yunus
- 15:30 NETWORK SIMULATORS COMPARATIVE FROM THE EDUCATIONAL POINT OF VIEW  
M. Garcia Pineda, F. Boronat Segui, J. Lloret Mauri
- 15:45 USING A VIRTUAL SPACE FOR A COLLABORATIVE ACTIVITY  
A. Villanueva

**Tuesday, 4th March 2008.**  
**Educational Software & Games**

**Room No.4**

- 16:15 GEOVISUAL ANALYTICS TOOL "GEOWIZARD" APPLIED IN EDUCATION AND RESEARCH  
M. Jern
- 16:30 A SPANISH TOOL FOR BIOMEDICAL SIGNALS PROCESSING  
J. Cabrera, J. Alonso, C. Travieso, M. Ferrer
- 16:45 LEARNING BIOPROCESS TECHNOLOGY THE VIRTUAL WAY  
H. van der Schaaf, R. Hartog, J. Tramper
- 17:00 MAKING THE URBAN OR ARCHITECTURAL DESIGNER LESS VULNERABLE IN THE MATH-BASED COMPANY OF TECHNICAL SPECIALISTS BY SIMULATING THEIR CONTRIBUTIONS IN EXCEL AND VISUAL BASIC  
T.M. de Jong
- 17:15 E-LEARNING AND ICT CURRICULUM IN PRIMARY SCHOOLS: DIFFERENCES AND SIMILARITIES BETWEEN UK AND SAUDI ARABIA  
R. Abu Hassana, A. Woodcock
- 17:30 AN APPLICATION OF CABRI-GEOMETRY IN CONTROL ENGINEERING  
F. Mesa, L.M. Marin
- 17:45 THE EFFECT OF COMPUTER ASSISTED LANGUAGE LEARNING (CALL) IN TEACHING ENGLISH GRAMMAR ON THE ACHIEVEMENT OF SECONDARY STUDENTS IN JORDAN  
A. Abu Naba'h
- 18:00 SHARING AND PROCESSING GEOSPATIAL DATA AT MENDEL UNIVERSITY  
V. Zidek
- 18:15 THE ANALYSIS OF USER INVOLVEMENT IN DEVELOPMENT & IMPLEMENTATION OF COMPUTERIZED INFORMATION SYSTEMS AND PERCEIVED USEFULNESS CASE STUDY IN NIGERIA  
A.I. Segun

**Tuesday, 4th March 2008.**  
**European Higher Education Area**

**Room No.5**

- 08:45 EVALUATION OF 10 YEARS OF DOUBLE DIPLOMA IN INDUSTRIAL ENGINEERING BETWEEN ARTS ET MÉTIERS PARISTECH AND SPANISH UNIVERSITIES  
 F. Girot, E. Gutierrez Orrantia
- 09:00 MECANOVA: A WEB ASSISTED SELF ASSESSMENT SYSTEM TO ENCOURAGING ENGINEERING STUDENTS TO LEARN MECHANICS  
 A. M. Sánchez, J. M. Díaz de la Cruz, A. Lavín, J. de Vicente, P. Martín, M. Morales, A. Ponce, F. Ramiro
- 09:15 BARRIERS TO CONDUCTING RESEARCH IN INSTITUTES OF TECHNOLOGY IN IRELAND  
 A. Betts, J. Donovan, S. Jerrams
- 09:30 TEACHING PSYCHOLOGICAL ASSESSMENT IN TERMS OF THE ECTS: SOME E-LEARNING AND M-LEARNING ACTIVITIES  
 I. Alonso-Arbiol
- 09:45 ATTEMPTS AT KNOWLEDGE TRANSFER FROM NUCLEAR TO CONVENTIONAL FIELDS AT THE UNIVERSITY OF PISA.  
 M. Mazzini
- 10:00 EUROPEAN HIGHER EDUCATION AREA: "DIGITAL SIGNAL PROCESSING" ON THE INFORMATION TECHNOLOGY DEGREE. A CASE STUDY  
 P. Balaguer, A. Ibeas, R. Vilanova
- 10:15 MICE CONSORTIUM – 5 EUROPEAN UNIVERSITIES ON THE WAY TO A JOINT AND COORDINATED MASTER PROGRAMME IN INFORMATION & COMMUNICATION ENGINEERING  
 V. Brückner, A. Arnau, M. Klimo, A. Schwarzbacher, CH. Seguinot

**Tuesday, 4th March 2008.**  
**European Higher Education Area**

**Room No.5**

- 11:00 THE UNIVERSITY OF BOLOGNA CAREER GUIDANCE PROJECT: BRIDGING SECONDARY SCHOOLS AND UNIVERSITY WITH THE E-LEARNING EXPERIENCE  
 V. Comba, S. Cenni, V. Luppi, F. Quatrosi, A. Reggiani
- 11:15 THE EUROBACHELOR® AND EUROMASTER HAVE ARRIVED!  
 R. Wallace
- 11:30 THE BOLOGNA PROCESS AND THE PRIVATIZATION OF HIGHER EDUCATION  
 B. Cabrito, L. Cerdeira
- 11:45 ERASMUS EXPERIENCES AND COLLABORATION IN THE EUROPEAN HIGHER EDUCATION AREA (EHEA) IN THE MARITIME FIELD.  
 L. De Bruyne, M. Vervoort
- 12:00 ANALYSIS OF RESULTS OF DIFFERENT APPROACHES OF LEARNING AND EVALUATION METHODOLOGIES CLOSER TO BOLOGNA PROCESS IN TWO FLUID MECHANIC ENGINEERING SUBJECTS  
 L. Hernandez Lopez, JE. Julia Bolivar, S. Chiva Vicent
- 12:15 EUROPEAN MASTER'S IN INTERACTIVE MULTIMEDIA (EMIM) – BEYOND BOLOGNA  
 M. Price, R. Mocan, M. Kaipainen, A. Gourdin, E. Aydin, A. Nischelwitzer
- 12:30 DESCRIBING THE RELATIONSHIP BETWEEN TASK AND UPTAKE IN TWO CONTEXTS  
 M. Martí Viaño, B. Clavel Arroitia
- 12:45 ECTS AND THE TEACHING OF ASSESSMENT OF INTELLIGENCE: APPLYING VIRTUAL TEACHING METHODOLOGIES  
 I. Alonso-Arbiol, M. Garaigordobil, A. Azkargorta, I. Palacios
- 13:00 DEALING WITH LINGUISTIC COMPETENCES AT UNIVERSITY: THE ERASMUS CASE  
 S. Oliver del Olmo, B. Amante Garcia
- 13:15 FINAL PROJECT DEFINITION IN THE EHEA  
 M. Cámara Delgado, F.J. Sáenz Marcilla

**Tuesday, 4th March 2008.**  
**International Projects**

**Room No.5**

- 14:30 ISSUES ON INTERNATIONAL EDUCATIONAL IN SPAIN. A CASE STUDY  
M. Arevalillo-Herráez, S. Neville, M. Zacarés, M.A. García March
- 14:45 INTERNATIONAL COLLABORATION IN COORDINATION CHEMISTRY RESEARCH  
D. Onggo, J. A. Real
- 15:00 BUSINESS SCHOOL INTERNATIONALIZATION PATTERNS: A MULTIPLE-CASE STUDY ANALYSIS IN SPAIN AND MEXICO  
M. Morales, A. Rialp, J. Rialp
- 15:15 DESIGNING A LIBRARY FOR CONSTRUCTION MANAGERS THROUGH EUROPEAN COOPERATION  
J. Teixeira, E. Pellicer, V. Yepes, A. Minasowicz
- 15:30 RENEWABLE ENERGIES TAUGHT IN ENGLISH IN THE NORTH-EAST OF GERMANY  
H. Bauch
- 15:45 PEDAL ENERGY GENERATOR FOR INTEL COMPETITION ON RENEWABLE ENERGIES (CORE)  
P. Alou, J.A. Oliver, J.A. Cobos, D. Díaz, D. Meneses

**Tuesday, 4th March 2008.**  
**University-Industry Collaboration**

**Room No.5**

- 16:15 THE SOCIAL REPORT OF THE UNIVERSITY WITHIN THE PARADIGM OF THE NETWORK MANAGEMENT  
M. Zanigni, M.T. Speziale
- 16:30 A SUCCESSFUL STORY IN THE INTRODUCTION OF CO-OPERATIVE PROGRAMS IN ENGINEERING EDUCATION IN IRAN  
G. Farrahi
- 16:45 A KNOWLEDGE TRANSFER PARTNERSHIP (KTP) SUPPORTS AN ADVANCED-TECHNOLOGY BUSINESS IN A RURAL LOCATION IN THE U.K.  
D. Grant, I Gonzalez, D. Holliday, C. Kowalczyk
- 17:00 ENTAILMENT AND IMPORTANCE OF UNIVERSITY – INDUSTRY COOPERATION IN TEXTILE SECTOR  
M. Ozkan, S. Beduk
- 17:15 PROFESSIONAL TRAINING SCHOOL PREREQUISITES FOR STUDENTS WISHING TO BECOME JAPANESE SEA OFFICERS  
C. Ogawa
- 17:30 INTERDISCIPLINARITY AND PARTNERSHIP IN RESEARCH AND DEVELOPMENT: STUDYCASE OF ELINOR ENGINEERING LTD.  
I. Bagi, A. Bálint
- 17:45 THE FIRST COOPERATIVE EDUCATION PROGRAM IN COMPUTER EDUCATION FOR FEMALES IN SAUDI ARABIA: A SUCCESS STORY  
H. Almodaimeegh, A. Alshawi, R. Jan, M. Farrag
- 18:00 COMMERCIALIZATION OF INNOVATION IN R&D INSTITUTES OF INDIA  
A. Prakash
- 18:15 ASSESSMENT OF A COLLABORATIVE EXPERIENCE BETWEEN A SPIN-OFF AND A UNIVERSITY  
B. Vidal, P. Sanchis, F. Ramos, M A. Piqueras

**Tuesday, 4th March 2008.****Room No.6****General Issues: Organizational, legal and financial issues**

- 08:45 DISTANCE TRAINING AND ITS ROLE ON TRIDITIONAL FISH FARMS OF IRAN  
F. Askarian, A. Kousha
- 09:00 SIGN OF COMPROMISE? RECOGNITION OF SUSTAINABLE DEVELOPMENT IN THE LAW OF FOREIGN INVESTMENT  
T. Ishikawa
- 09:15 BUSINESS MODELS FOR FUNDING OF EXCHANGE INTENSIVE GLOBAL ENGINEERING EDUCATION  
M. Eisenberg
- 09:30 THE POLICY IMPLICATIONS OF OUR EMPIRICAL RESEARCH ON VALUES, ETHICS, CORPORATE SOCIAL RESPONSIBILITY AND ORGANIZATIONAL OUTCOMES: A STUDY OF INFORMATION TECHNOLOGY PROFESSIONALS  
K. Jin, R. Drozdenko
- 09:45 WHAT ARE OUR STUDENTS LIKE?  
O. Tezak
- 10:00 INFORMATION TECHNOLOGY (IT) RISKS IN HIGHER EDUCATION: STRATEGY FOR ASSESSMENT, PLANNING AND MANAGEMENT  
P. Panchal
- 10:15 DOES COST-SHARING POLICY FIT IN THE BOLOGNA PROCESS?  
L. Cerdeira, T. Patrocinio

**Tuesday, 4th March 2008.****Room No.6****General Issues: Diversity issues**

- 11:00 AURORA - A DISTANCE LEARNING PROGRAM FOR PROFESSIONAL EDUCATION IN ITALIAN DETENTION CENTRES  
M. Pillan, F. Concia
- 11:15 PERSONAL FACTORS AFFECTING AWARENESS AND PARTICIPATION IN PROFESSIONALIZATION; A PRELIMINARY THREE-TIER MODEL OF SELF-ASSESSMENT  
L.P. Reynders, C.J. Kreijns
- 11:30 DESIGNING EDUCATIONAL ENVIRONMENTS FOR SPECIAL CHILDREN  
A. Woodcock, A. Woolner
- 11:45 GENDER ASPECTS OF MOTIVATING AND DETERRING FACTORS IN CHOOSING A CAREER IN SCIENCE OR TECHNOLOGY  
V. Pomazan, D. Mihalascu, M. Girtu, L. Petcu
- 12:00 BARRIERS TO COMMUNICATION AND EFFECTIVE LEARNING  
S. Cooper
- 12:15 UNDERGRADUATE STUDENTS SUCCESS FACTOR: IDENTIFYING KEY PREDICTORS  
D. Zavala, D. Salazar
- 12:30 APPLICATION OF ATTRIBUTION THEORY TO SUPPORT EDUCATION AT UNIVERSITIES: THE CASE OF IRAN  
K. Rezaei-Moghaddam, D. Hayati, S. Rostami
- 12:45 WHERE ARE WOMEN DOING RESEARCH IN THE FIELD OF INFORMATION AND COMMUNICATION TECHNOLOGIES (ICTS)?  
C Castaño, M. Sáinz, A. González-Ramos
- 13:00 SCIENCE, GENDER AND SINGLE-SEX EDUCATION: THE CASE OF THE OUT-SCHOOL EXPERIENCES  
M.A. Manassero-Mas, A. Vazquez
- 13:15 BENEFITS OF VIRTUAL WORLD EDUCATION: IMPLICATIONS FOR MARGINALIZED STUDENTS  
J. Cabiria

**Tuesday, 4th March 2008.**

**Room No.6**

**General Issues: Education and Globalization**

- 14:30 EDUCATING THE CROSS-CULTURAL ENGINEERS: THE CASE OF TAIWAN INTERNATIONAL ENGINEERING EDUCATION  
C. Ho, C. Fang, C. Yang
- 14:45 SNAPSHOTS OF A CULTURE: HOW DO AMERICAN AND TURKISH ELEMENTARY STUDENTS REPRESENT THEIR CULTURAL IDENTITIES USING TECHNOLOGY AS MEANS OF EXPRESSION AND COMMUNICATION?  
A. Simsek, S. Nuss
- 15:00 CHALLENGES IN INTERNATIONALIZATION OF UNIVERSITIES  
S. Hu
- 15:15 ROMANIAN HIGHER EDUCATION SYSTEM FACING GLOBALIZATION  
R. Pricopie, P. Dobrescu
- 15:30 THE ROLE OF LEARNING ENVIRONMENT ON TEACHING ENGLISH FOR SPECIFIC PURPOSES (ESP)  
O. Martí Arnándiz
- 15:45 ETNOMUSCOLÓGICAS PERSPECTIVE FOR THE MUSICAL EDUCATION  
A. Porta

**Tuesday, 4th March 2008.**

**Room No.6**

**General Issues: Education and Globalization**

- 16:15 THE PROBLEMS OF THE ASSESSMENT OF THE DEMAND AND SUPPLY SIDES OF ENGINEERS ON THE LABOUR MARKET IN TECHNOLOGICALLY CONDITIONED ECONOMIES  
A. Klucznik-Tőro
- 16:30 THE TEST OF TECHNOLOGY: AN EMPIRICAL STUDY OF ONLINE COURSES  
N. Davidovitch, A. Domoshnitsky, R. Yavich
- 16:45 HIGHER EDUCATION STUDENTS SUPPORT IN PORTUGAL: HOW THE LOANS WORK  
B. Cabrito
- 17:00 CREATING DIGITAL LEARNING ENVIRONMENTS IN DEVELOPING COUNTRIES: OPPORTUNITIES AND CHALLENGES  
D. Dajab, S. Garba, U. Abdu-Aguye
- 17:15 TECHNOLOGY TRANSFER OF ACADEMIC RESEARCH: EXPERIENCE OF THE NETHERLANDS RESEARCH SCHOOL FOR TRANSPORT, INFRASTRUCTURE AND LOGISTICS  
H.J. van Zuylen, D. Joksimovic
- 17:30 HIGHER EDUCATION AND YOUNG WORKERS IN EUROPE  
R. Sanchez Perez
- 17:45 UNIVERSITY STUDENTS AND THE INFORMATION AND COMMUNICATION TECHNOLOGIES  
R. Martinez Gras, M.A. Mateo Pérez
- 18:00 WHY DO WE NEED INTERNATIONAL COLLABORATION?  
J. Ferkis
- 18:15 THE EFFECT OF EDUCATION AND EXPERIENCE ON LABOR EARNINGS  
E. Çankal, A. Gokce
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**Tuesday, 4th March 2008.**  
**Poster Session 1**

**Poster Room**

- HUMAN FACTORS IN TELECOMMUNICATIONS TECHNOLOGY DEVELOPMENT AND EDUCATION  
A. Serrano
  - EFELCREN PROJECT: EXAMPLES OF GOOD PRACTICES OF E-LEARNING MATERIALS  
O. Martínez
  - E-HOSPITAL PROJECT: VIRTUAL COURSES FOR TRAINING AT HOSPITALS  
B. Cebreiro
  - EXPERIENCES FROM THE VIRTUAL CLASSROOM APPLICATION IN THE CHEMISTRY DEGREE  
S. Carda Broch, M.J. Ruiz Ángel, V. Pino Estévez, J. Esteve Romero
  - SPECIAL EDUCATION AND COMPUTER ASSISTED LEARNING TO TRAIN COGNITIVE ABILITIES  
J. Navarro, G. Ruiz, C. Alcalde, E. Marchena
  - CONTINUOUS EVALUATION IN PHYSICS SUBJECTS OF ENGINEERING DEGREES: RESULTS AND CONCLUSIONS  
S. Gallego, A. Campo, M. L. Álvarez, A. Márquez, M. S. Yebra, J. Rosa, J. M. Torrejón, A., Hernández, D. Méndez, M. Ortuño, A. Marco, I. Negueruela, A. Beléndez
  - USING THE SOFTWARE DESASS AS A TOOL FOR BETTER WASTEWATER TREATMENT PROCESSES LEARNING  
D. Aguado, J. Serralta, R. Barat, J. Ferrer
  - NEW TECHNOLOGIES FOR PHYSIOTHERAPY UNDERSTANDING  
B. Díaz Díaz
  - INFORMATION, KNOWLEDGE AND AN EMOTIONAL SOCIETY  
J. Ladova
  - EVALUATING AND IMPROVING A KNOWLEDGE MANAGEMENT SYSTEM – THE IMPETUS CASE STUDY  
L. Tipi, J. Kawalek, S. Maguire
  - THE EFFECTS OF COMPUTER SUPPORTED-PROJECT BASED LEARNING APPROACH ON PORTFOLIO SUCCESS IN THE SCIENCE AND TECHNOLOGY COURSES  
Y. Erdogan, D. Dede, M. Usak
  - STRATEGIC TRAINING PLAN, EDUCATION AND NEW TECHNOLOGIES PLATFORM OF THE MUY ILUSTRE COLEGIO DE FARMACÉUTICOS DE VALENCIA FOR THE PROMOTION OF INTERNATIONAL COOPERATION AND KNOWLEDGE SHARING  
J.M. De Paz Siles, M.T. Guardiola Chorro, M. I. Martínez Martínez
  - AUTOMATED ESSAY GRADING CONSIDERING DISSIMILARITY FROM INCORRECT RESPONSES  
L. Salmerón, S. Arizo, V. García, E. Vidal-Abarca, R. Gilabert, M. Ruzafa, E. Llacer
  - MODERN TECHNIQUES OF TEACHING OF THE ROMANIAN LAW EDUCATION. IT SYSTEMS AND THE LAW  
C.A. Gheorghe
  - B-BASIC: DUTCH PUBLIC-PRIVATE PARTNERSHIP IN RESEARCH AND INNOVATION  
E. Anselmino
  - EXPERIENCE IN NUTRITIONAL EDUCATION WITH ADOLESCENTS IN GANDIA (VALENCIA)  
Ml. Martinez Martinez, J. Martínez-Raga, J.L. Alfonso-Sánchez, A. Alegre Perez, MD. Hernandez Fernandez, M. Ojeda Peiro
  - A SURVEY ON ROUTING PROTOCOLS FOR MANET  
D. Trujillo, G. Alvarez, M. Sanchez, M. Alvarez
  - IMPLEMENT A FRAMEWORK FOR AN EFFECTIVE ASYNCHRONOUS E-LEARNING ENVIRONMENT  
K. Muhammad
  - NEW TECHNOLOGIES IN DRAWING LEARNING. A REFLEXIVE EXPLORATION THROUGH PRACTICE  
F. Caballero Rodríguez, A. García López, M.C. Hidalgo Rodríguez, J. Pertíñez López
  - SOLVING FOOD ENGINEERING PROBLEMS: THE NI LABVIEWTM ENVIRONMENT  
J.V. Garcia Perez, J. Benedito, N. Sanjuán, G. Clemente, J.A. Cárcel
  - THE GRAPHICAL USER INTERFACE OF MATLAB AS AN EDUCATIONAL TOOL
-

M. A. Garcia-March, M. Arevalillo-Herráez, M. Zacarés, J. M. Isidro, J.L. González-Santander, C. I. López-Javier

- DESIGN AND OPTIMAL ROBUST CONTROL TUNING OF BIOREACTORS: SOFTWARE FOR UNDERGRADUATE BIO-ENGINEERING COURSES

J.V. Garcia Perez, M.A. García Alvarado, J. Bon, J. Gálvez, A. Mulet

- A REVIEW OF WEB-BASED COLLABORATION FROM SOCIAL PERSPECTIVE

L. Zhang

- USE OF ICT'S IN THE AGRO-FOOD TECHNOLOGY TRANSFER IN ANDALUSIA, SPAIN

A. Pedrera León, L. Pérez Nager, F.J. Jiménez Crespo, K. Vanderlinden

- ECHMTESTS IN APPLYING RESEARCH-BASED TEACHING IN CHEMISTRY

K. Wähälä

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**Tuesday, 4th March 2008.**  
**Poster Session 2**

**Poster Room**

- SERVICE LEARNING FOR THE NON-SCIENCE MAJOR  
W. Elmore
  - ADAPTATION OF LABORATORY PRACTICES TO THE ECTS CRITERION  
S. Carda Broch, M.J. Ruiz Ángel, M.T. Gil Agustí, J. Esteve Romero
  - CONFECTION OF LABORATORY NOTEBOOK FOLLOWING THE GLP RULES  
S. Carda Broch, M.J. Ruiz Ángel, M. Rambla Alegre, M.A. Fortea Bagán, J. Esteve Romero
  - ROLE PLAYING IN MODERN LEARNING  
N. Laguarda-Miro, I. Romero, J. Gonzalez del Rio, J. Ferrer
  - DEVELOPMENT OF AN EDUCATIONAL SYSTEM REGARDING ENVIRONMENT SCIENCE FOR STUDENTS AND POST-GRADUATES  
E. Matei, C. Predescu, M. Sohaciu, A. Nicolae, A. Stoica, A. Predescu
  - CITY AND TECHNOLOGIES: OLD AND NEW THEORIES  
A. Petrillo
  - COMMON AND DIFFERENT IN THE ENGINEERING STUDIES OF BALTIC UNIVERSITIES  
I. Knets
  - SUPPLY CHAIN MANAGEMENT IMPACT ON FASHION COMPANY'S FINANCIAL PERFORMANCE  
C. Arvaniti
  - VIRTUAL LEARNING OF PHYSICS: ADVANTAGES OF USING MOODLE AS A TEACHING TOOL  
T. Martín-Blas, A. Serrano-Fernández
  - TECHNOLOGY BASED COLLABORATION TOOLS TO ENHANCE PEACE EDUCATION INITIATIVES  
V. Schmitz, E. Edwards, G. Forton, C. Hansen, M. Kahl
  - PANDEMIC INFLUENZA - EDUCATIONAL MESSAGES FOR SCHOOLS PREPAREDNESS  
D. Curseu, M. Popa, D.M. Sirbu, I. Stoian
  - THE IMPORTANCE OF DEVELOPMENT OF STUDENTS' TRANSFERABLE SKILLS IN CHEMICAL ENGINEERING DEGREE  
S. Lucas, M.T. García, A. Cartón, S. Bolado, P. García, G. González, M.A. Uruña
  - CHANGES IN THE TEACHING AND ASSESSMENT METHODS USED WITH A GROUP OF STUDENTS WITH LEARNING PROBLEMS IN ANALYTICAL CHEMISTRY  
J. Esteve Romero, S. Carda Broch, M.E. Capella Peiró, LL. Alvarez Rodríguez, M.L. Chin Chen, D. Bose, M.A. Raviolo
  - WALKING AMONG THE INVISIBLE: A CHEMICAL ITINERARY  
J. Duran
  - EDUCATIONAL PODCAST. TECHNOLOGY ADDAPTED TO THE NEW EUROPEAN PROGRAM OF HIGH EDUCATION  
L. Alonso Martín-Romo, S. Calvo Fernández
  - TEACHING ENGLISH LANGUAGE IN THE 21ST CENTURY  
B. Clavel, M. Zaragoza
  - ISSUES AND CHALLENGES OF INTEGRATING TECHNOLOGY IN TEACHER EDUCATION  
D. Bouhmama
  - WORK-RELATED LEARNING IN HIGHER EDUCATION AROUND EUROPE  
V. Chatzis, E. Apostolidou, I. Pantelidou, A. Moutzouroglou
  - TREATNET, THE INTERNATIONAL NETWORK OF DRUG DEPENDENCE TREATMENT AND REHABILITATION RESOURCE CENTRES: DEVELOPING A CAPACITY BUILDING PROGRAM WORLDWIDE  
J. Tomás Roselló, R. Rawson, M.J. Zarza, A. Bellows, T. Freese, A. Busse, E. Saenz-Miranda, F. Soltani
  - AN ONLINE SCHOOL MANAGEMENT SYSTEM  
M. Hesson, H. Al-Ameed, S. Ketbi
  - BRIDGING TWO CULTURES: A SECONDARY SCHOOL/UNIVERSITY PARTNERSHIP EXPERIENCE AT THE UNIVERSITY OF VALENCIA, SPAIN  
M. Fernández, F. Aznar, A. Raduán, J. Alcober, V. Atienza, D. Bernal, P. Carrasco, S. Ferrer, C. García-Ferris, C. González-Bosch, J. Llorens, R. Mañes, C. Martínez, E. Matallana, I. Mateu, M. Pamblanco, I. Pardo, L. Pascual, J. Peretó, F. Puche, M. Rodrigo, F. Martínez-García, M. Lorente
  - DEVELOPMENT OF A COMPUTER-BASED LEARNING TOOL FOR TEACHING PHARMACOLOGY: SELF-ASSESSED INTERACTIVE QUESTIONNAIRES
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- A. Ubeda, M.C. Montesinos, M.L. Ferrándiz, M.A. Noguera, M.C. Recio  
STUDENTS PARTICIPATION OF SECUNDARY SCHOOL ABOUT NUTRITIONAL EDUCATION  
Ml. Martinez Martinez, J. Martinez-Raga, A. Alegre Perez, J.A. Dominguez Roman, J.L. Alfonso-Sanchez, N. Gimeno Clemente
  - THE WEBQUEST IN THE ESP CONTEXT: A TERTIARY EDUCATION PROPOSAL  
B. Bellés-Fortuño, M. Querol-Julián
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## Conference Proceedings. Virtual Presentations

### *Computer Supported Collaborative Work*

- IMPLEMENTATION OF A VIRTUAL ENVIRONMENT IN THE ENGLISH TEACHING/LEARNING PROCESS AS A SUPPORT OF THE TRADITIONAL METHOD  
M.L. Renau Renau, P. Maestro Bayarri
- USING GOOGLE GROUPS AS A VIRTUAL LEARNING ENVIRONMENT IN CHEMICAL PROCESS ENGINEERING  
A. Guadix, E.M. Guadix
- TOWARDS A SECURE TEACHING COMPUTER NETWORK  
M. Bermudez-Edo, N.E. Hurtado-Torres, V. Ferron-Vilchez
- DELIVERING MULTIMEDIA EDUCATIONAL MATERIAL IN GEOGRAPHICALLY ISOLATED AREAS USING VERY SMALL APERTURE TERMINALS (VSAT) TECHNOLOGY  
I. Kozaris, E. Varella
- THE QUALITY ASSURANCE OF A VLE COURSE BY WEB-MINING METHODS  
P. Toth
- NEW E-LEARNING TOOL TO IMPROVE COLLABORATIVE DESIGN  
A. Fioravanti
- NETLABS: AN EMBEDDED NETWORK-BASED VIRTUAL LABORATORY  
N. Tiglao
- INTERGROUP CONTACT IN COLLABORATIVE VIRTUAL CLASSROOM ENVIRONMENTS: A PILOT STUDY ON PREJUDICE IN MICRONESIA  
P. Wallace
- E-PARTICIPATION IN EDUCATIONAL PLANNING. CASE STUDY OF EDUCATIONAL PLANNING IN PALESTINE  
K. Shraim

### *Curriculum Design and Innovation*

- IMPROVING GENERAL CROSS-CURRICULAR SKILLS  
G. Ortiz
- GUIDE-LINES FOR SELECTIVE DECONSTRUCTION PLANNING  
A. Boeri, D. Longo
- STUDENT PERCEPTIONS REGARDING THE INTERPERSONAL AND TRANSACTIONAL NATURE OF COMPUTER-MEDIATED INTERCULTURAL COMMUNICATION: CASE-STUDY RESEARCH  
S.M. De Stefani, M.I. Berasain, R. Fay, M. Katsarska, S. Brown, D. Slaouti
- A SURVEY TO ANALYZE IF UNIVERSITY STUDIES ARE ACCORDING TO THE REAL REQUIREMENTS OF COMPUTER INDUSTRIES AND THE MAIN INTERNATIONAL CURRICULUMS FOR COMPUTER ENGINEERING  
C. Blanco Bueno, D. García Rosado, E. Fernández-Medina Patón, M. Piattini Velthuis
- UBE PROJECT IN NIGERIA: ISSUES AND CHALLENGES IN THE 21ST CENTURY  
C.N. Uchegbu, R. Igwe

### *Educational Software*

- THE USE OF SOFTWARE S.I.C.A.R. IN THE UNIVERSITY EDUCATION OF THE CONSERVATION AND RESTORATION OF CULTURAL GOODS, AS WAY OF INTERNATIONAL COOPERATION IN THE CONSERVATION OF WORKS OF ART  
P. Soriano Sancho, A. Zalbidea Muñoz
  - THE USE OF COMPUTATIONAL METHODS IN THE FORECAST OF AIR POLLUTANT CONCENTRATIONS  
E. Agirre, L.J.R. Barron, A. Anta, M. Albizu
  - DIGITAL TOOLS AND SCHOOL INCLUSION: A PRACTICAL APPROACH  
G. Caruso, L. Ferlino, M. Ott, M. Tavella
  - CSDL AND GLIDER: EDUCATIONAL TOOLS FOR DESCRIBING CELLULAR ARCHITECTURES  
J. Cerdá Boluda, N. Ferrando Jódar, R. Gadea Gironés, R. J. Colom Palero
-

- A COMPUTER-BASED EXPERIENCE ON THE USE OF THE STRUT-AND-TIE METHOD IN EDUCATION AND DESIGN OF STRUCTURAL CONCRETE  
J. Navarro Gregori, P. Miguel Sosa, M.A. Fernández Prada, J. R. Martí Vargas, J. L. Bonet Senach, M. C. Castro Bugallo, L. Pallarés Rubio
- USE OF EDUCATIONAL SOFTWARE ON ESTIMATION OF ATMOSPHERIC POLLUTANTS FOR A SUBJECT OF ENVIRONMENTAL POLLUTION IN THE NEW QUALIFICATIONS OF GRADE IN AGRICULTURAL ENGINEERING  
F.J. Rodríguez Vidal, L.A. Marcos, L.A. Núñez
- HYPERMEDIA LEARNING OBJECTS FOR TEACHING STATISTICS  
L. M. Marin Trechera, A. Gámez Mellado, S. Fandiño Patiño, R. Rodríguez Huertas
- HOW TO DEVELOP AN EDUCATIONAL SOFTWARE BRAND LOGO  
B. Jorda Albiñana, O. Ampuero Canellas, J. González del Río Cogorno, I. Tortajada Montañana

### *Emerging Technologies*

- TRENDS AND TRAJECTORIES IN THE MOBILE GAMING INDUSTRY: INNOVATION, COMPETITION AND END-USER PREFERENCES  
H. Yeh
- WEB 2.0 TOOLS IN EDUCATION  
L. Marin Trechera, A. Gámez Mellado, S. Fandiño Patiño, R. Rodríguez Huertas
- MICROSTRIP ANTENNAS FOR TELEMEDICINE APPLICATIONS  
S. Sadek, M. Hajjar
- A TOOLKIT FOR DEVELOPING EDUCATIONAL PLACE-BASED AUGMENTED REALITY GAMES  
P. Wallace

### *European Higher Education Area*

- THE PATH TOWARDS THE EUROPEAN HIGHER EDUCATION AREA: CASE STUDY BASED ON A TWO-STAGE COURSE ADAPTATION PROCESS  
C. Tavares Calafate, J. Cano, P. Manzoni
  - THE IMPROVEMENT OF THE EDUCATIONAL QUALITY BASED ON THE ERASMUS INTERCHANGES THROUGH THE MOBILITY OF THE TEACHING STAFF (TS)  
A. Zalbidea Muñoz, P. Soriano Sancho
  - THE ROLE OF UNIVERSITIES IN THE REGIONAL DEVELOPMENT: AN OVERVIEW OF THE SPANISH CASE  
M.C. López Fernández, A.M. Serrano Bedia, R. Gómez López, G. García-Piqueres
  - OUTGOING ERASMUS CHEMICAL ENGINEERING STUDENTS FROM THE UNIVERSITY OF GRANADA  
A. Guadix, E.M. Guadix
  - MY TWO CENTS OF EURO: A TESTIMONY OF THE ERASMUS TEACHING STAFF MOBILITY PROGRAM  
A. Ezeiza
  - TEACHING EVALUATION IN HIGHER EDUCATION THROUGH STUDENT EYES: DEVELOPMENT OF A QUESTIONNAIRE  
D. Aquario
  - SOME EDUCATIONAL EXPERIENCES IN THE FRAME OF THE ERASMUS PROGRAM IN THE CHEMICAL ENGINEERING FIELD  
E. Garcia-Castello, L. Mayor, P. Fito
  - ETCS EXPERIENCE IN POSTGRADUATE COURSES: MEDICOLEGAL ENTOMOLOGY SUBJECT  
M.I. Arnaldos, M.D. García
  - EVALUATION OF THE PERSONAL WORK OF THE STUDENT WITHIN THE ECTS FRAMEWORK  
I. Castro
  - ECTS TUTORIALS AND STUDENT'S INDEPENDENT WORK IN THE EUROPEAN HIGHER EDUCATION AREA MODEL  
J. A. Sanson Martin, F. J. Barros García, C. Fernández González, A. Guiberteau Cabanillas, S. Tolosa Arroyo, J. Garrido Acero, F. Vinagre Jara, M. I. Rodríguez Cáceres, F. Sánchez Fernández, L. Calvo Blázquez, M. Fernández García-Hierro
  - A TRANSVERSE ENTREPRENEURIAL EXPERIENCE  
M. Trillo Holgado, R. Espejo Mohedano, C. Gámez Fernández
  - ECTS BASED TASK TO TRAIN TECHNICAL ELECTRONIC STUDENTS IN ROBOTIC  
J. Ortiz, R. Lobato
-

- EUROPEAN CONVERGENCE OF THE DEGREE OF AGRONOMICAL ENGINEERING (HORTICULTURAL CROP PRODUCTION AND GARDENING, ITA) AT THE UNIVERSITAT JAUME I OF CASTELLÓN: POSITIVE RESULTS?  
T. León, E. Llorens, I. Guerola, A. Díaz, B. Vicedo, G. Camañes, J. Albuixech, A. Andrio, E. Pitarch, E. Falomir, J. Blasco, M. Gould, P. Vindel, J. Mira, T. Vallet, A. Corro, C. Castillo, A. Gómez-Cadenas, J. Jacas, V. Ibañez, S. Chiva, F. Franch, C. Campoy, M. Roger, S. Roselló, M. Hurtado, R. Pérez, V. Tejedo, J.P. Navarro, P. Pérez, M. Muncharaz, D. Monferrer, L. Lapeña, P. García-Agustín, V. Flors, M. Cerezo
- A REVISION OF THE EVALUATION SYSTEM IN WEED SCIENCE  
P. Pérez Díaz, A. Pérez San Juan
- THE EUROPEAN SPACE FOR HIGHER EDUCATION AND THE ASSESSMENT OF COMPETENCES: AN OPORTUNITY TO INTRODUCE THE "PROJECTS IN CHEMISTRY"  
M.C. Ortiz, F.J. Arnáiz, S. Beltrán, J. García, A. Herrero, F.J. Hoyuelos, S. Ibeas, A.M. Navarro, S. Palmero, M.R. Pedrosa, I. Peñacoba, M.C. Pereira, T. Pérez, C. Reguera, M.S. Sánchez, S. Sanllorente, R. Sanz, T. Sanz, L. Sarabia, V. Tricio
- E-LEARNING IN ETCS SUBJECTS OF SPANISH LANGUAGE AND THEORY OF LITERATURE  
F. Coca Ramírez, F.J. de Cos Ruiz, M. Franco Figueroa, M.I. Morales Sánchez, T. Bastardín Candón
- EXPERIENCE TO EDUCATIONAL EXCHANGE  
G. Metaxas, P. Anastasiadis
- SUCCESS FACTORS IN THE APPLICATION, STARTING AND TEACHING OF A MASTER'S DEGREE WITHIN THE ERASMUS MUNDUS PROGRAM  
J. Huerta, M. Gould, R. Quirós, C. Granell, M. Chover
- "THE AUTONOMOUS E-LEARNING LIKE IMPROVEMENT OF THE QUALITY IN UNIVERSITY TEACHING: DIFFERENCES BETWEEN SPANISH AND FINLAND UNIVERSITIES"  
S. Martin Rey, H. Rajala
- TEACHING INFORMATICS IN ECONOMICS AND MANAGEMENT DEGREES AND ECTS EXPERIENCES  
P. Tumbas, O. Sedlak, P. Matkovic
- PLANNING, EVALUATION AND IMPROVEMENT OF AN ETCS SUBJECT USING VIRTUAL CAMPUS OF UNIVERSITY OF CADIZ  
A. Gámez Mellado, L. Marin Trechera, S. Fandiño Patiño, R. Rodríguez Huertas
- EUROPEAN HIGHER EDUCATION AREA. SITUATION AND CHALLENGES FOR SPAIN  
J.A. Nieto
- EMERGING POSSIBILITIES OF TESTING AND SIMULATION METHODS AND TECHNIQUES IN CONTEMPORARY CONSTRUCTION TEACHING: THE CASE OF THE EU FUNDED EUROPEAN NETWORK OF CONSTRUCTION TEACHERS  
M. Voyatzaki
- THE LEARNING CONTRACT AS AN EVALUATION TOOL IN THE UNIVERSITY  
E. Garcia-Castello, L. Mayor, P. Fito

### *Experiences in Education*

- COMPUTER METHODS APPLICATION AND EDUCATIONAL TRENDS IN UNIVERSITY LEVEL EDUCATION OF TECHNICAL VOCATIONS  
E. Desnica, D. Letic
  - SIMULATION: A UNIVERSALLY VALID SUBJECT  
M. Santos Peñas
  - DIGITAL STORYTELLING AS CONTINUING PROFESSIONAL DEVELOPMENT  
C. Savvidou
  - BLENDED LEARNING WITH INTERACTIVE WEBS IN ENGINEERING EDUCATION  
J. Jiménez-Sáez, S. Ramírez
  - ACADEMIC BEHAVIOUR IN UNIVERSITY STUDENTS FROM DIFFERENT SOCIAL POSITIONS: AN INTERPRETATIVE APPROACH  
D. Langa
  - A FIRST EXPERIENCE USING SOPC BOARDS FOR AN MSC THESIS. WEB SERVER WITH COMPACTFLASH  
R. Colom Palero, R. Gadea Girones, J. Cerda Boluda, V. Herrero Bosch, A. Tebar Ruiz
  - AN EDUCATIONAL EXPERIENCE OF COOPERATIVE LEARNING IN COMPUTER SCIENCE  
A. Marzal Varó, M. J. Castro Bleda, J.P. Aibar Ausina
  - FORUMS IN THE LEARNING OF ANALYTIC CHEMISTRY IN THE DEGREE OF PHARMACY  
S. Rodenas-Rocha, B. Lopez-Ruiz
-

- PRACTICAL AND MULTIDISCIPLINARY APPROACH TO THE INDUSTRY IN FOOD SCIENCE AND TECHNOLOGY  
T. García, E. Hierro, M. Cámara, V. Fernández-Ruiz, L. Pérez-Olleros, J. García
  - A POSTGRADUATE COURSE ON COMPLEX SYSTEMS, CELLULAR AUTOMATA AND NEURAL NETWORKS  
J. Cerdá Boluda, R. Gadea Gironés, N. Ferrando Jódar, V. Herrero Bosch
  - DOES THE SENSE OF PRESENCE IN A VIRTUAL LEARNING ENVIRONMENT FAVOUR LEARNING AMONG UNIVERSITY STUDENTS?  
S. Agut, R. Peris, A. Grandío
  - MAPPING KEY CONCEPTS IN INDUSTRIAL ORGANIC CHEMISTRY  
M.V. Gil Álvarez, J. Garcia Rodríguez
  - EFFICIENT ACTIVITY DESIGN IN ENGINEERING ACTIVE LEARNING  
M. Romá, B. Pueo, J. D. Ballester, Y. Márquez
  - LEARNING BY TEACHING... CHILDREN: AN EXPERIENCE IN MECHANICAL ENGINEERING  
M. Duarte
  - COMPETENCIES DEVELOPMENT IN ENGINEERING VIA ACTIVE METHODOLOGIES  
C. Gil, F. G. Montoya, R. Baños, A. Alias, M.D.G. Montoya
  - VALIDATION OF A MEASURE OF SELF-EFFICACY FOR YOUNGSTERS  
J. Nogueira
  - MEETING THE CHALLENGE OF FUTURE NEEDS FOR TODAY'S TEACHERS: TRAINING FOR TELECOLLABORATION  
M. Dooly, D. Masats
  - EXPERIENCE OF INNOVATION IN HIGHER EDUCATION TEACHING BY THE USE OF PROBLEM BASED LEARNING TECHNIQUE IN HETEROGENEOUS GROUPS  
A. Carreño Ortega, M. Galera Quiles, A. Callejón Ferre
  - LMS TOOLS EVALUATION: A COMMERCIAL, A SELF-DEVELOPMENT AND AN OPEN-SOURCE PLATFORM  
L. Campoy-Gómez, A. Pelegrín, J. Madrid
  - ADAPTATION OF ENVIRONMENTAL CONTENTS FOR A SUBJECT OF APPLIED CHEMISTRY IN THE NEW QUALIFICATIONS OF AGRICULTURAL ENGINEERING  
L.A. Marcos, F.J. Rodríguez Vidal, J.M. Bustillo
  - TEAMS AND PROCESSES IN SOFTWARE ENGINEERING EDUCATION  
N. Stankovic
  - TEACHING JAVA IN JAPAN  
N. Stankovic
  - FROM INSIDE TO OUTSIDE: A NEW STUDY OF PALLADIO'S VILLAS  
A. Giordano, L. Bifulco, F. Chiementin, T. Soldá
  - COMPETENCE ASSESSMENT IN THE "PRACTICUM" OF A MASTER IN CHEMISTRY  
M.C. Ortiz, L. Sarabia, S. Sánchez, A. Herrero
  - STUDENT'S TRANSFERABLE SKILLS AS THE BASE OF DEVELOPMENT OF PROFESSIONAL SELF-DEPENDENCY IN THE TEACHING PRACTICE  
A. Strobe
  - 3C@HIGHER EDUCATION - CONTRIBUTION, COLLABORATION, COMMUNITY AT HIGHER EDUCATION: A CASE STUDY OF A COURSE  
C. Silva, L. Oliveira, M. Carvalho, S. Martins
  - ASSESSMENT OF THE COMPLEX COMPETENCE OF ARCHITECTURAL DESIGNING  
W. Lans
  - INNOVATION IN ACADEMIC AND PROFESSIONAL DEVELOPMENT OF NURSING IN SPAIN  
M.I. Mariscal Crespo, L. Macia Soler, A. Zabalegui Yarnoz, C. Nuin Orrio, R. Ricoma Mountaner, A. Pedraz Marcos, J. Marquez Membibre, C. German Bes
  - HISTORICAL APPROACH TO MECHANICAL BEHAVIOUR ANALYSIS FOR "MINOR" EXISTING ARCHITECTURE  
F. Maroldi
  - A MODEL BASED ON EXISTENTIAL COMPETENCE AND THE TEACHING IDENTITY IN THE TRAINING OF FL TEACHERS  
C. Pérez Valverde, J. Guijarro, R. Ruiz, B. Urbano, R. Sánchez, A. Navarro
  - TEACHING AND EVALUATION OF COMPUTER SCIENCE FOR MATHEMATICS  
R. Álvarez, A. Zamora
  - VISUAL DIAGRAMS AND INTERFACES: A NEW CREATIVE OPPORTUNITY  
S. García González
  - LIBRARY USER EDUCATION AND WEB 2.0: CASE STUDIES IN HONG KONG  
R. Yu
-



- ASSESSMENT OF ATTITUDES AND MATHEMATICAL SKILLS FOR FIRST YEAR UNIVERSITY STUDENTS  
C. Bueno, D. Leris, N. Boal, J. Castelló, J.M. Correas, V. Martínez, M.L. Sein-Echaluze
- A COMPACT LOW-COST MICROWAVE DOPPLER RADAR IN S-BAND  
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