INTED 2007

March 7th-9th, 2007 Valencia

International Technology, Education and Development Conference

Conference Programme

WELCOME INTRODUCTION

Dear INTED2007 attendants,

This is a great opportunity to share our experiences in the field of Education, Science and Technology. This is a time to learn from each other's experiences, meet old and new colleagues who will surely make you discover new trends in education, new challenges in e-learning, innovative cooperation projects and many other issues that will bring your attention to the contents of this conference.

INTED2007 attendants come from many different countries of the world. This fact will definitely ensure the richness of contributions and points of views regarding learning and teaching experiences and will create a perfect atmosphere for discussion in the field of education.

It is also an opportunity to enjoy Valencia, to discover its lovely surroundings and unique gastronomy, to meet another culture and a different way of living. Valencia is a city in constant progress, a city full of life and culture that has a lot to offer.

We hope and wish INTED2007 remains in our minds for years as an international forum open to all professors and researchers of the world by sharing and exchanging ideas and proposals for present and future progress and cooperation.

Thank you for coming to INTED2007. We wish you have a pleasant and fruitful time!

INTED2007 Organising Committee
Valencia, SPAIN

WEDNESDAY, 7th MARCH 2007

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

THURSDAY, 8th MARCH 2007

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
                 (offered by BODEGAS VICENTE GANDIA)

FRIDAY, 9th MARCH 2007

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

WEDNESDAY OVERVIEW

		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	Coffee Break					
10:00	11:00	Technological Issues: e-learning & m-learning	Engineering Education: New Projects and Innovations	ECTS and Erasmus Experiences	Pedagogical and Didactical Innovations: Learning and Teaching Methodologies	University-Industry Collaboration: Partnerships, Programmes and Experiences	Poster Session
11:00	12:00						
12:00	13:00	Technological Issues: Blended Learning	Engineering Education: Enhancing Learning and the Undergraduate Experience	ECTS and Erasmus Experiences	Pedagogical and Didactical Innovations: Learning and Teaching Methodologies	University-Industry Collaboration: Partnerships, Programmes and Experiences	
13:00	13:30						
13:30	14:30	Lunch Cocktail					
14:30	15:00	Technological Issues: Blended Learning	Educational Software	Research on Technology in Education	Pedagogical and Didactical Innovations: Learning and Teaching Methodologies	University-Industry Collaboration: Partnerships, Programmes and Experiences	Poster Session
15:00	16:00						
16:00	17:00	Educational Software: Educational Games & Educational Multimedia and Hypermedia	Curriculum Design and Development	Research on Innovation in Education	Pedagogical & Did. Innovation: Tutoring and Coaching	University-Industry Collaboration: Employability	
17:00	18:00				General Issues: The internationalisation of Universities		
18:00	18:30						

THURSDAY OVERVIEW

		ROOM 1	ROOM 2	ROOM 3	ROOM 4	POSTER ROOM
08:45	09:00	Technological Issues: e-learning	University-Industry Collaboration: Collaborative Learning and Work	International Projects	Pedagogical and Didactical Innovations: New Learning / Teaching Models	
09:00	10:00					Poster Session
10:00	11:00	Coffee Break				
11:00	12:00	Technological Issues: e-learning	General Issues: Education and Globalisation	The Bologna Declaration Process and New Challenges for the European Higher Education Area	Pedagogical and Didactical Innovations: New Learning / Teaching Models	
12:00	13:00		General Issues: Organisational, Legal and Financial Issues	New Challenges for the European Higher Education Area		
13:00	13:30					
13:30	14:30	Lunch Cocktail				
14:30	15:00	Knowledge Management	General Issues: Diversity issues and Women and Minorities in Education and Technology	Academic Research and Evaluation Methods	Pedagogical and Didactical Innovations: Language Learning Innovations	
15:00	16:00					Poster Session
16:00	17:00	Knowledge Management	Pedagogical and Didactical Innovations: Evaluation and Assessment	Academic Research and Evaluation Methods	Technological Issues: Advance Classroom Technology, Web Classroom Applications and WebLab Systems	
17:00	18:00			Educational Software: Simulation, Animation and 3D systems		
18:00	18:30					
18:30	19:30	Closing Session & Honour Wine				

CONFERENCE SESSIONS

Wednesday, 7th March 2007.   **Room No.1**
Technological Issues: e-learning & m-learning
   Chair: Matthias Tomczak

10:00   INTERNET-BASED STUDIES IN THE FACULTY OF COMPUTER SCIENCES
   Jerzy Paweł Nowacki, Lech Banachowski
10:15   BEYOND "E-CONTENT": UNRESOLVED ISSUES IN REUSE
   Nick Kearney
10:30   THE TUNISIAN E-LEARNING EXPERIENCE: A FOCUS ON THE MAIN ACTORS'
   PERCEPTIONS
   Abdelfattah Triki, Ouerghi Ouejden
10:45   INNOVATIVE LEARNING FOR WATER EDUCATION – TAIWAN EXPERIENCE
   Hsin-yu Shan, Jen-Gaw Lee
11:00   E/M-LEARNING IN CONTINUOUS PROFESSIONAL DEVELOPMENT. A MIXED
   UNIVERSITY/INDUSTRY EXPERIENCE TOWARDS EMPLOYABILITY
   J. Izquierdo, P.A. López, G. López, F.J. Izquierdo
11:15   TEN YEARS OF ONLINE OCEANOGRAPHY, A REVIEW OF MOTIVATION AND
   OUTCOMES
   Matthias Tomczak
11:30   M-LEARNING FROM A CELL PHONE: A STUDY IN CAMPUS-WIDE ENVIRONMENT
   Ahmad I. Z. Abidin, Nurfatin H. Ahmad, Anang H. M. Amin, Mizeeana A Rahman, Ahmad
   K. Mahmood
11:45   RELUCTANT   TEACHERS   AND   TRADITIONAL   LEARNING   METHODS: THE
   MULTIMEDIA TEACHING AS A CROSS- ROADS BETWEEN THE OLD AND THE NEW
   Marina Cino Pagliarello
12:00   USE OF THE MOODLE PLATFORM TO IMPROVE THE RESULTS OF THE STUDENTS
   Javier Bilbao, Miguel Rodríguez, Eugenio Bravo, Olatz García, Concepción Varela,
   Purificación González, Verónica Valdenebro

Wednesday, 7th March 2007.   **Room No.1**
Technological Issues: Blended Learning
   Chair: Richard Windle

12:30   DOES A COMMUNITY OF PRACTICE APPROACH TO THE DEVELOPMENT OF
   LEARNING OBJECTS SUPPORT REUSE OF E-LEARNING MATERIALS IN HEALTH
   SCIENCE EDUCATION?
   Richard Windle, Heather Wharrad, Damion McCormick, Jennifer Dandrea, Fiona Bath-
   Hextall, Briony Leighton, Julia Lacey, Elaine Bentley, John Cook, Debbie Holley
12:45   MATHEMATICAL STANDARD COMPLIANT CONTENTS AND AUTHORING TOOLS FOR
   E-LEARNING
   I. Lausuch-Sales, F.J. Muñoz-Almaraz , A. Pons-Puig, L. Hilario-Pérez
13:00   COURSEWARE   TOOLS   AND   SOCIAL   SOFTWARE   IN   A   HYBRID   UNIVERSITY
   COURSE: A CASE STUDY WITH AN EVALUATION OF THE ONLINE COMPONENTS
   Goran Bubas, Dragutin Kermek
13:15   HIDDING INFORMATION INSIDE EXERCISES
   J. V. Noguera, L. Tortosa

Wednesday, 7th March 2007.   **Room No.1**
Technological Issues: Blended Learning
    Chair: Franc Lobnik

14:30   CAN BLENDING FACE-TO-FACE TEACHING WITH E-LEARNING SUPPORT THE DEVELOPMENT OF APPRENTICES IN MATHEMATICS?
      Peter Hinch

14:45   UTRECHT NETWORK INTERNATIONAL SUMMER SCHOOL "ENVIRONMENTAL AND RESOURCE MANAGEMENT". MODEL FOR INTEGRATING E-LEARNING AND CLASSROOM
      Franc Lobnik, Matjaž Lobnik, Tomaž Lobnik, Ales Škofic

15:00   TELE-TEACHING AND E-LEARNING IN INTERPRETER TRAINING – A PILOT EXPERIENCE
      Sylvie Schoch, Gabriele Mack

15:15   GUIDED VIRTUAL LEARNING IN BLENDED ENVIRONMENTS
      Antonio Grandío Botella

15:30   HOW TO USE THE HUMAN CAPITAL OF DELINQUENTS
      Thomas Kretschmer

15:45   A MULTIMEDIA CHEMISTRY LESSON, FOR AN E-LEARNING PLATFORM.
      João Luís de Morais de Oliveira Belo, Leonardo Opitz

Wednesday, 7th March 2007.   **Room No.1**
Educational Software: Educational Games & Educational Multimedia and Hypermedia
    Chair: Patrick Felicia

16:30   TEACHING CHEMISTRY HAS TO BE TEDIOUS, BORING AND MONOTONOUS?
      Laureano Jiménez, Pere Estupinyà, Claudi Mans

16:45   HOW TO DO EASY VIDEO-PRESENTATIONS USING OPEN SOURCE TOOLS
      Juan R. Rico-Juan, Rafael C. Carrasco

17:00   THE PLEASE MODEL: AN EMOTIONAL AND COGNITIVE APPROACH TO LEARNING IN VIDEO GAMES
      Patrick Felicia, Ian Pitt

17:15   AUDIOVISUAL ACCESSIBILITY IN MULTIMEDIA ENVIRONMENT
      Francisco Utray Delgado, Lourdes Moreno, Belén Ruiz

17:30   COMPUTER ROLE-PLAYING GAME INTEGRATED IN A LEARNING ENVIRONMENT
      Ellen Brox, Gunn Judit Evertsen, Audun Heggelund, Merja Bertling, Tapani Mokko, Kaisu Tapiovaara, Pia-Maria Lausas,

17:45   CREATING FLOW IN GAME-BASED LEARNING: THREEFOLD CONCEPTION OF CHALLENGES AND SKILLS
      Stephanie Linek

18:00   DESIGNING THE NON-PLAYER CHARACTER OF AN EDUCATIONAL ADVENTURE-GAME: THE ROLE OF PERSONALITY, NATURALISM, AND COLOR
      Stephanie B. Linek, Daniel Schwarz, Ganit Hirschberg, Michael Kickmeier-Rust, Dietrich Albert

18:15   AN ASSESSMENT OF INFORMATION DELIVERY SYSTEMS WITHIN MODIFIED VIDEO GAMES
      Andrew Moshirnia

Wednesday, 7th March 2007.   **Room No.2**
Engineering Education: New Projects and Innovations
> *Chair: Damian Gordon*

10:00   PROJECT SUSTAINABILITY MANAGEMENT AND WATER SUPPLY IN DEVELOPING COUNTRIES
Matthew Simmons, Bill Wallace, Lorna Walker

10:15   AG SMAOINEAMH TAOBH AMUIGH DEN BHOSCA: ENHANCING CREATIVE AND CRITICAL THINKING SKILLS FOR UNDERGRADUATE FINAL YEAR PROJECTS
Damian Gordon

10:30   EBECKETT: USING THE WORK OF SAMUEL BECKETT TO TEACH FUNDAMENTAL COMPUTING CONCEPTS
Damian Gordon

10:45   ACTIVE LEARING APPROACHES USED IN THE DELIVERY OF A NETWORKING COURSE
Gerard Whelan, Damian Gordon

11:00   A METHODOLOGY FOR PROGRAMME DEVELOPMENT AND ACCREDITATION UNDER ENGINEERS IRELAND'S ACCREDITATION CRITERIA
Ken Keating, Michael O'Callaghan, Gerry Woods

11:15   A SPATIAL FRAMEWORK FOR IMPACT ASSESSMENT AND DECISION-MAKING FOR URBAN ENVIRONMENTS
G. Metaxas, E. Sfakianaki, N. Spyropoulos

Wednesday, 7th March 2007.   **Room No.2**
Engineering Education: Enhancing Learning and the Undergraduate Experience
> *Chair: Sara Cooper*

11:45   ENGINEERING EDUCATION: IMPORTING METHODOLOGIES WITHOUT THEIR PHILOSOPHICAL FRAMEWORK
Francisco Rovira-Más

12:00   INTEGRATING PBL AND E-LEARNING IN INDUSTRIAL DESIGN
Garmendia M. Mikel, Martin A. Iñaki, Pérez M. Angel, Albisua G. Joakin

12:15   PROJECT ORIENTED LABORATORY – A REVIEW AND OUTLOOK
Holger Gaul, Klaus Bednarz, Stefan Seifert, Wilfried Kalkner, Herbert Reichl

12:30   E/M-LEARNING TOOLS IN THE INCLUSIVE CLASSROOM
Michela Ott, Mauro Tavella

12:45   ENHANCING STUDENT EXPERIENCE: CONTRIBUTING SAFETY SKILLS TO THE POST GRADUATES' PORTFOLIO
Sara Cooper

13:00   COOPERATIVE TOOLS APPLIED TO VIRTUAL REALITY LEARNING IN THE UNIVERSITY
Beatriz Rey, Mariano Alcañiz

Wednesday, 7th March 2007.   **Room No.2**
Educational Software
    Chair: Pastora María Bello

14:30   THE APPLICATION AND ASSESSMENT OF CONTROL STATION SOFTWARE FOR EDUCATION IN CHEMICAL ENGINEERING
       P. M. Bello, M. C. Barros, J. A. Souto
14:45   SUPPORTING THE DEVELOPMENT OF FLEXIBLE LEARNING OBJECT DEVELOPMENT TO SUPPORT REUSE IN HEALTH SCIENCE EDUCATION
       Michael Taylor, Richard Windle, Heather Wharrad, Heather Rai, Dejan Ljubojevic,Tom Boyle, Julian Tenney, Andy Beggan
15:00   COSMETOLOGY VIRTUAL LAB
       Begoña Jordá Albiñana, Olga Ampuero Canellas, Jimena González del Río Cogorno, Teresa Magal Royo
15:15   VALORA: A PC PROGRAM FOR THE SELF-LEARNING OF ACID BASE TITRATIONS
       Juan M. Sánchez, Manuela Hidalgo, Victòria Salvadó
15:30   A VIRTUAL SIMULATION-ORIENTED FRAMEWORK TO EVALUATE METASCHEDULING POLICIES IN COMPUTATIONAL GRIDS
       J.M. Alonso, V. Hernández, G. Moltó
15:45   SEVERAL TYPES OF MAGNETIC FIELDS IN A SYNCHRONOUS MACHINE WITH FLUX-2D
       A. Olano, V. Moreno, J. Molina, I. Zubia

Wednesday, 7th March 2007.   **Room No.2**
Curriculum Design and Development
    Chair: Cathrine Tømte

16:15   MAKING A DIFFERENCE WITH SPORTS ENGINEERING AND ENTERPRISE EDUCATION
       Elena Rodriguez-Falcon, Sarah Barber
16:30   ENVIRONMENTAL PUBLIC AWARENESS: SOME ACTIVITIES THROUGHOUT EC CARDS PROJECT IMPLEMENTED IN BOSNIA AND HERZEGOVINA
       Azra Jaganjac, Sanda Midzic-Kurtagic, Paul Ravn Jepsen, Zalkida Hadzibegovic
16:45   FINE ARTS SCHOOLS IN TECHNOLOGICAL UNIVERSITIES: THE CASE OF SAN CARLOS FINE ARTS FACULTY (VALENCIA) AND THE BOLOGNA PROCESS CHALLENGE.
       S. Álvarez, P. Crespo, A. Cucala, L. Fuster, F. Giner, M.A. López, L. Silvestre
17:00   DOCENT GUIDES IN CHEMICAL ENGINEERING STUDIES
       A. Mosquera-Corral, J.L. Campos, A. Franco, E. Roca
17:15   3D-ALIGNMENT IN CURRICULUM DESIGN AND IMPLEMENTATION
       Ciarán O'Leary, Deirdre Lawless, Damian Gordon, Dave Carroll, Fred Mtenzi, Michael Collins
17:30   OPERATIONALIZATION OF DIGITAL LITERACY AND ICT SKILLS IN THE NEW SCIENCE CURRICULUM IN NORWAY
       Cathrine Tømte, Geir Ottestad
17:45   EURO-INF - ACCREDITATION OF INFORMATICS PROGRAMMES
       Frauke Muth
18:00   QUALITY IS EVERYONE'S RESPONSIBILITY: USING THE 3D ALIGNMENT MODEL TO ENHANCE QA PROCESSES
       Dave Carroll, Damian Gordon, Deirdre Lawless, Matt Hussey, Ciarán O'Leary, Fred Mtenzi, Michael Collins
18:15   ASPIRATIONS OF UNIVERSITY STUDENTS IN DIGITAL MEDIA EDUCATION
       A.K. Whitfield, R. Hetherington, P. Redmond, C. Beaumont

Wednesday, 7th March 2007.   **Room No.3**
ECTS and Erasmus Experiences
Chair: Lieven Bonnaerens

10:00   EXPERIENCES AND ACTIVITIES ORIENTED TO THE EEES IN THE ENGINEERING FIELD
       A. Rosado-Muñoz
10:15   MULTIDISCIPLINARY ERASMUS EXCHANGE WEEKS
       L. Bonnaerens
10:30   A METHOD TO ESTIMATE THE STUDENT WORKLOAD AND FACILITATE THE INTRODUCTION OF ECTS
       J.C. Aguado, I. Ruiz, G. de la Vega, Y. Dimitriadis, I. de Miguel, J. Durán
10:45   UNIVERSITY STUDENTS MOBILITY IN SPAIN: A RESEARCH ON THE PARTICIPATION IN ERASMUS PROGRAM
       Pilar Pineda Herrero, Mª Victoria Moreno Andrés, Esther Belvis Pons
11:00   THE ADAPTATION PROCESS IN ECTS SYSTEM AT KING JUAN CARLOS UNIVERSITY. EXPERIENCES AND DETERMINANT FACTORS IN TEACHING AND LEARNING
       J.J. Rienda
11:15   TEACHING MANAGEMENT OF TECHNOLOGY IN ENGINEERING DEGREES AND THE ETCS EXPERIENCE
       María Luisa Flor Peris, María José Oltra Mestre, Cristina García Palao
11:30   TOWARDS THE ECTS: PRACTICAL ESTIMATION OF THE REAL WORKING LOAD IN AN EXISTING STUDY PROGRAM
       Juan J. Villacorta, Alberto Izquierdo, Lara del Val, Mª Isabel Jiménez, Mariano Raboso

Wednesday, 7th March 2007.   **Room No.3**
ECTS and Erasmus Experiences
Chair: Sergio Romero

12:00   LEARNING TO APPLY USE CASES IN SOFTWARE ENGINEERING: AN EXPERIENCE AT ERASMUS
       Mercedes de la Cámara Delgado, Fco. Javier Sáenz Marcilla
12:15   IMPLEMENTATION OF AN INTEGRATED MANAGEMENT&TRACING SYSTEM FOR COMPUTER TECHNOLOGY LABORATORY PRACTICES IN THE CONTEXT OF AN ECTS EXPERIENCE
       Francisco Corbera, Eladio Gutiérrez, Julián Ramos, Sergio Romero, María Antonia Trenas
12:30   TEACHING INNOVATION IN THE FRAMEWORK OF THE EUROPEAN HIGHER EDUCATION AREA: AN ECTS EXPERIENCE IN CHEMISTRY
       Rosendo Pou-Amérigo, Luis E. Ochando, Luis Serrano-Andrés
12:45   THE CONTINUOUS EVALUATION: AN ACTIVITY IN THE FRAMEWORK OF THE ECTS
       R.I. Vilaplana, M.A. Satorre, J. Cantó
13:00   THREE AGRICULTURE STUDY UNITS ECTS PLANNING AND ITS COMPARISON WITH THE TRADITIONAL PROGRAMMED TEACHING FRAMEWORK
       Mónica A. Hurtado Ruiz
13:15   DEVELOPMENT OF A SCIENCE EDUCATION COURSE FOR TEACHER STUDENTS OF PRIMARY EDUCATION ADAPTED TO THE EUROPEAN CREDIT TRANSFER SYSTEM (ECTS) BY MEANS OF THE USE OF THE COMMUNICATION AND INFORMATION TECHNOLOGIES
       C. Aguirre-Pérez, A. Vázquez-Moliní

Wednesday, 7th March 2007.   **Room No.3**
Research on Technology in Education
    Chair: YOSHIKAWA Fumito

14:30 GEOLEARN – EXPLOITING NEW EDUCATIONAL TOOLS IN THE SPATIAL INFORMATION SCIENCES
    Audrey Martin, Kevin Mooney, Eugene McGovern
14:45 APPLIED RESEARCH INFLUENCE IN EDUCATION
    L. Bonnaerens
15:00 EFFECT OF MASS ON DOWNHILL CYCLING: DOES THE BIKER'S WEIGHT HELP?
    Hezi Yizhaq, Gil Baran
15:15 PROGRESSIVE EVALUATION AND AUTO EVALUATION THROUGH WIKIS.
    Ignacio González Alonso, Mercedes R. Fernández Alcalá, Jose A. López Brugos
15:30 DEVELOPMENT OF INSTRUCTIONAL AND EDUCATIONAL MATERIALS FOR SPORTS USING MULTI-VIEW SYSTEM
    YOSHIKAWA Fumito, SHIRAI Katsuyoshi
15:45 A COMPUTER-AIDED DRUG DISCOVERY SYSTEM FOR CHEMISTRY OUTREACH AND TEACHING
    Sarah Kent, Andrew Milsted, Jon Essex, Jeremy Frey
16:00 THE COMBECHEM MQTT LEGO MICROSCOPE: A GRID ENABLED SCIENTIFIC APPARATUS DEMONSTRATOR
    Jamie Robinson, Andrew Milsted, Jeremy Frey

Wednesday, 7th March 2007.   **Room No.3**
Research on Innovation in Education
    Chair: Javier Bilbao

16:30 PRODUCT MANAGEMENT FOR STUDY PROGRAMS
    Richard Alznauer
16:45 KNOWLEDGE TRANSFER FROM RESEARCH TO EDUCATION
    J.L. Campos, A. Mosquera-Corral, E. Roca, A. Franco, J.M. Lema
17:00 A CONSTRUCTIVIST METHODOLOGY FOR INNOVATING IN MATHS LEARNING
    Juan Carlos Soto
17:15 LEARN BY DOING: PLANNING AND DESIGNING
    Fátima Coca Ramírez, Isabel Morales Sánchez, Javier de Cos Ruiz, Teresa Bastardín Candón, Mariano Franco Figueroa
17:30 STUDYING THE BALANCE BETWEEN ICT TRAINING NEEDS AND ICT TRAINING SUPPLY FOR PRIMARY AND SECONDARY SCHOOL TEACHERS
    I. Gastaldo, G. Almerich, R. Bo, I. Díaz
17:45 DIAGNOSIS OF THE STUDENTS THAT WILL GO TO UNIVERSITY
    Javier Bilbao, Concepción Varela, Olatz García, Eugenio Bravo, Mariana Mocanu, Xenophon Kakatsios
18:00 CORRELATION BETWEEN EVALUATION SCORE AND DISCIPLINE BASED EDUCATION IN SOUTH AUSTRALIAN UNIVERSITIES
    Said Al-Sarawi
18:15 BREAKING THE CAGE:TRANSFERABLE STRATEGY FOR TEACHING AND LEARNING IN ARCHITECTURAL DESIGN EDUCATION
    Min-Feng Hsieh

Wednesday, 7th March 2007.   Room No.4
Pedagogical and Didactical Innovations: Learning and Teaching Methodologies
   Chair: George J. Haché

10:00   THE APPLICATION OF EDUCATIONAL METHODOLOGIES TO OVERCOME CRITICAL ISSUES IN A PROJECT BASED LEARNING
   Javier Garcia, Pilar Manzano, Jorge E. Perez, Isabel Muñoz
10:15   INSTRUCTIONAL IMPROVEMENT PLAN OF THE SCHOOL OF LAW OF THE UNIVERSITY OF NAVARRA
   Carlota Pérez Sancho, Ana Paola Romo López, Mercedes Galán Lorda, Rafael García Pérez
10:30   EDUCATIONAL ACTIVITIES WITH ANIMALS AND STUDENT BEHAVIOR
   Laura Dolz Serra, Ceres Berger Faraco
10:45   TUTORIALS ADAPTED TO THE STUDENT'S PROFILE: METHODOLOGICAL APPROACHES
   L. Atarés, A. Martínez-García, E. Pérez-Marín, M. Trujillo
11:00   REVISITING UTILITARIAN TRAINING IN TECHNOLOGY EDUCATION
   George J. Haché
11:15   EASING THE TRANSITION TO THIRD-LEVEL FOR FIRST-YEAR MATHEMATICIANS
   Eabhnat Ní Fhloinn
11:30   ADAPTATION OF THE LODAS MODEL OF LEARNING OBJECTS (LO) DESIGN TO PRACTICAL SCORM USAGE
   Hila Maimon, Ariel J. Frank

Wednesday, 7th March 2007.   Room No.4
Pedagogical and Didactical Innovations: Learning and Teaching Methodologies
   Chair: Belinda López-Mesa

12:00   SISTEMATIC APPROACH TO FOOD & BIOLOGICAL SYSTEMS (SAFES): A NEW METHODOLOGY FOR TEACHING FOOD PROCESS ENGINEERING
   P. Fito, N. Betoret, P.J. Fito, A. Andrés, A. Argüelles, C. Barrera, L. Seguí, C. Chenoll, A. Heredia, L. Oliver, M. Castelló
12:15   APPLICATION OF METHODOLOGICAL STRATEGIES TO PRACTICAL LESSONS IN DIFFERENT AREAS OF THE UNIVERSIDAD POLITECNICA DE VALENCIA.
   P. Bonet Espinosa, C. Ferrer Ribera, A. Martínez García, J. Preciado Romero
12:30   TOWARDS AN ACTIVE AND AUTONOMOUS STUDENT LEARNING: DESIGN OF INTERACTIVE MULTIPLE-CHOICE EXERCICES BY USING HOT POTATOESTM
   O. Gomis, R. Luna, G. Blanes
12:45   TEACHING FOR ALL REPRESENTATIONAL SYSTEMS IN ENGINEERING STUDIES
   Belinda López-Mesa, Mª José Bellés, Elena Mulet, Teresa Gallego
13:00   SIMULATIONS BY COMPUTER IN THE LEARNING OF THE RELATIVITY
   Jesús Lahera Claramonte, Fernando García Pastor
13:15   PRESENTING LECTURE MATERIALS ON CD ROM
   Kevin Furlong

Wednesday, 7th March 2007.   Room No.4
Pedagogical and Didactical Innovations: Learning and Teaching Methodologies
    Chair: Philip Murray

14:30   THE FORMATION OF THE PROFESSORS OF PHYSICS IN MEXICO
        Enrique Armando Gómez Lozoya, Rafael Zamora Linares
14:45   NEW CHALLENGES – NEW FORESIGHT
        Philip Murray
15:00   PRELIMINARY REPORT OF STATISTICAL RESULTS FOR THE INVESTIGATION: "PEDAGOGIC AND ASSESSING STRATEGIES FOR THE ADOPTION OF A LEARNING MODEL BASED ON COMPETENCES IN THE UNDERGRADUATE PROGRAMS OF THE SCIENCES AND ADMINISTRATION FACULTIES AT THE NATIONAL UNIVERSITY OF COLOMBIA – BRANCH OF MANIZALES"
        César Augusto Contreras Contreras
15:15   AN APPLICATION OF A REMOTE WEB BASED EXPERIMENT IN AN ENGINEERING COURSE
        O. Martínez, M.A. Gonzalez, L.F.Sanz, M. Herguedas, E. Martín, B. Martín, J. Adiego
15:30   SOCIOLOGY AS A TRANSVERSAL AXIS INSIDE THE DEGREE IN ADVERTISING AND PUBLIC RELATIONS' DEGREE: FACING THE NEW CHALLENGES OF THE EUROPEAN HIGHER EDUCATION AREA
        Miguel Vicente Mariño, Ana Teresa López Pastor, Rosario Sampedro Gallego, Pedro Martín Gutiérrez, Manuel Montañés Serrano
15:45   INDIVIDUAL AND COLLABORATIVE EXPERIENCES OF SELF LEARNING EDUCATION IN CHEMICAL ENGINEERING
        José A. Souto
16:00   LEARNING THE NEWTON'S LAWS
        Donato Vázquez Juárez, Enrique Armando Gómez Lozoya

Wednesday, 7th March 2007.   Room No.4
Pedagogical and Didactical Innovations: Tutoring and Coaching
    Chair: Encarnación Marín Caballero

16:30   RE-THINKING DISSERTATION SUPERVISION PRACTICES: COLLABORATIVE LEARNING THROUGH LEARNER CIRCLES
        John Biggam
16:45   INTELLIGENT TUTORING SYSTEMS WITH BAYESIAN NETS
        Jorge López Puga, Juan García García
17:00   A TEACHING-ADAPTIVE SYSTEM BASED ON THE INTELLIGENCE TUTORING SYSTEM THROUGH THE WEB
        W. Fajardo Contreras, E. Gibaja Galindo, E. Marín Caballero, G. Marín Caballero

Wednesday, 7th March 2007.   **Room No.4**
General Issues: The internationalisation of Universities
         Chair: Nicolás Zambrana-Tévar

17:15   BRIDGING THE GULF BETWEEN TECHNOLOGY AND INTERCULTURAL COMMUNICATION
         Angelika Hennecke, Lothar Cerny

17:30   PIHE NETWORK. BEST PRACTICE GUIDE ON UNIVERSITY COOPERATION BETWEEN EUROPE AND LATINAMERICA
         Roberto Escarré Urueña, Fabiana Barros de Barros

17:45   CAN HIGHER LEGAL EDUCATION GO GLOBAL?
         Nicolás Zambrana Tévar LLM (LSE)

18:00   CONTINUING EDUCATION IN HEALTH SCIENCES: THE CREATION OF A VIRTUAL CAMPUS TO FACILITATE E-LEARNING
         E. Rinaldi, C. Dellacasa, S. Monducci, G. Ricci, G. Stabile, S. Corona, F. Rubbi

18:15   AN EDUCATIONAL EXPERIENCE ON THE TRANSDISCIPLINARY ANALYSIS OF ENVIRONMENT
         "Grupo TRANS": Miguel Ángel Medina, María Luísa García-Gómez, María Jesús Perles, Matías Mérida, Trinidad Carrión, Fernando Ojeda, Alberto Martínez, Félix López-Figueroa

Wednesday, 7th March 2007.   **Room No.5**
University-Industry Collaboration: Partnerships, Programmes and Experiences
         Chair: Chih-Min Yao

10:00   COLLABORATIVE HIGH-TECHNOLOGY CULTIVATION PROGRAM – TAIWAN EXPERIENCE
         Shyi-Ching Lin, Pei-Ling Liu, Chih-Min Yao, Jen-Gaw Lee, Jyh-Horng Wu

10:15   DEPLOYMENT OF ACTIVITY BASED TRAINING MODELS INTO JUST IN TIME IN-COMPANY TRAINING
         John B. Stav, Erik Engh

10:30   THE IMPLEMENTATION OF AN INTERDISCIPLINARY PRODUCT INNOVATIONPROJECT AT GRAZ UNIVERSITY OF TECHNOLOGY
         Mario Fallast, Hannes Oberschmid, Roland Winkler

10:45   MOTIV, CROSS FERTILIZATION BETWEEN INDUSTRY AND EDUCATION
         Alexandra De Raeve

11:00   SUPPORT OF A BIO-BASED ECONOMY IN PUERTO RICO THROUGH ACADEMIA-INDUSTRY COLLABORATION: IMPLEMENTING A BIOTECHNOLOGY EDUCATIONAL PIPELINE
         Rosa Buxeda, Lorenzo Saliceti-Piazza

11:15   ENTREPRENEURSHIP EDUCATION IN TECHNICAL UNIVERSITIES
         Mariana Mocanu, Vasile Lungu

11:30   NEW TECHNOLOGIES TO THE SERVICE OF RESEARCH AND INNOVATION
         Beatriz García Prósper

Wednesday, 7th March 2007.   **Room No.5**
University-Industry Collaboration: Partnerships, Programmes and
Experiences
   Chair: Zoltán Porkoláb

12:00   EXPLORING   ENGINEERS   EMPLOYABILITY   COMPETENCIES   THROUGH
        INTERPERSONAL SKILLS AND ENTERPRISE SKILLS
        Hazmilah Hasan, Ian Dunn
12:15   BIOTECHNOLOGY. INDUSTRIAL DEVELOPMENT AND FORMATION
        Mariapia Viola Magni
12:45   AULA ABIERTA IN TECHNOLOGIES FOR INDEPENDENT LIVING
        Mª Amparo Guerrero Alonso, Susana Maranchón Pérez, Javier Sánchez Lacuesta, Pedro
        Vera Luna, Amparo López Juan Alfonso Gómez, Ana Cruz García, Jaime Prat
13:00   THE   IMMOBILISATION   SCIENCE   LABORATORY: AN   ACADEMIC – INDUSTRY
        PARNTERSHIP IN NUCLEAR WASTE IMMOBILISATION
        Neil C. Hyatt, Charlie R. Scales, Neil B. Milestone, Anthony W. Banford, John W. Roberts
13:15   COOPERATIVE WORK AND LEARNING
        Zoltán Porkoláb

Wednesday, 7th March 2007.   **Room No.5**
University-Industry Collaboration: Partnerships, Programmes and
Experiences
   Chair: Bruno SCHIFFERS

14:30   PAVES PROJECT
        Javier Martínez Álvarez, Antonio Sanchez Esguevillas
14:45   A   PROJECT-BASED   LEARNING   PLATFORM   OF   COOPERATION   BETWEEN
        CONSTRUCTION COMPANIES AND THE UNIVERSITY
        Teresa Gallego Navarro, Belinda López-Mesa, Angel Pitarch Roig, Juan José Palencia
        Guillén
15:00   SYSTEMIC MODEL FOR INNOVATION IN INDUSTRIAL PRODUCT DESIGN. TEACHING
        APPLICATIONS.
        Bernabé Hernandis Ortuño, Juan Carlos Briede Westermeyer, Miguel Ángel Agustín
        Fonfría
15:30   SKUNK WORK AS A LEARNING METHODOLOGY - FINDINGS FROM VENTURE
        DEVELOPMENT PROJECTS IN INDUSTRY
        Fredrik Nilsson, Robert Bjärnemo, Christer Kedström
15:45   THE PIP TRAINING PROGRAMME AND TEACHING TOOLS: BUILDING LOCAL
        CAPACITIES TO HELP COMPANIES TO COMPLY WITH EU REGULATIONS ON FOOD
        SAFETY
        Bruno Schiffers

Wednesday, 7th March 2007.   **Room No.5**
University-Industry Collaboration: Employability
Chair: Agnieszka Klucznik-Törö

16:15   KEY SKILLS FRAMEWORK: ENHANCING EMPLOYABILITY WITHIN A LIFELONG LEARNING PARADIGM
Aidan Kenny, Ray English, Dave Kilmartin

16:30   R&D IN ICT IN SOUTH AFRICA: ARE THE COMPUTER SCIENCE POST-GRADUATES PART OF THE PICTURE?
Andrew Paterson

16:45   THE ROLE OF THE CAREER SERVICE AREA OF UNIVERSITY JAUME I (CASTELLÓN, SPAIN), AS ENHANCER OF EMPLOYABILITY OF STUDENTS AND RECENT GRADUATES
L. Lapeña, M.I. Beas

17:15   TECHNOLOGICAL RESTRUCTURING IN THE APPAREL SECTOR OF BANGLADESH IN VIEW OF MFA PHASE OUT: IMPACT AND IMPLICATIONS
Khondaker Golam Moazzem

17:30   FROM HIGHER EDUCATION TO FASTER DEVELOPMENT
Agnieszka Klucznik-Törö

17:45   WORK-BASED LEARNING AND PERSONAL DEVELOPMENT PLANNING: INTEGRATION OR SEPARATION WITHIN THE UK FOUNDATION DEGREE CURRICULUM?
Helen Corkill

Wednesday, 7th March 2007.   **Poster Room**
Morning Poster Session

- ASSESSMENT OF POSTGRADUATE COURSE QUALITY. WEB APPLICATION FOR DEVELOPMENT AND COMMUNICATION.
  Jose Juan Castro Sánchez, Ciro Gutiérrez Ascanio, Jose Mª Suárez Peret
- BUILDING A JAVA COMPILER USING THE VISITOR PATTERN: AN ACADEMIC EXPERIENCE
  Ramón Zatarain-Cabada, M.L. Barrón-Estrada
- EXPERIENCES IN PROJECT-BASED LEARNING FOR MACHINE DESIGN IN THE INDUSTRIAL ENGINEERING PROGRAM
  E. Belenguer, R. Sanchis, J. Serrano, A. Pérez
- LIQUID CRYSTAL DISPLAYS AS AN EDUCATIONAL TOOL TO INTRODUCE AMPLITUDE AND PHASE CONCEPTS
  Andrés Márquez, Sergi Gallego, David Méndez, Mariela L. Álvarez, Elena Fernández, Manuel Ortuño, Cristian Neipp, Augusto Beléndez, Inmaculada Pascual
- MOODLE SOFTCIÊNCIAS: DIFFUSION AND SUPPORT TO THE IMPLEMENTATION OF LCMS MOODLE IN PORTUGUESE NOT SUPERIOR EDUCATION
  Emanuel Reis,, João Paiva,
- POPULARIZING EDUCATION IN SCIENCE AND TECHNOLOGY
  Ilse Bogaert, Marc Vervoort
- PROBLEMATIC AND SOLUTIONS IN THE PART-TIME ATTENDANCE SUBJETS
  Nuria Portillo Poblador, Jorge Martín-Marín, Santiago Vidal-Puig, Amparo Montesinos-Guillot
- TEACHING THE MULTIVARIATE IMPLICATIONS OF QUALITY: AN APPLICATION TO CURRICULUM DESIGN
  Manuel Zarzo
- THE USE OF DEMONSTRATIVE EXPERIMENTS IN THE TEACHING OF THE PHYSICS IN THE AGRICULTURAL PREPARATORY OF THE UACH
  Rafael Zamora Linares, Donato Vázquez Juárez
- VIRTUAL INSTRUMENTS OF THE BASIC ELECTRONIC LABORATORY
  Juan M. Sanchis Rico, Blas Payri, José J. Rieta Ibáñez, David Moratal Pérez
- VISUAL GUIDE OF SELECTION OF POLYMERIC MATERIALS USED IN INDUSTRIAL DESIGN
  Beatriz García Prósper

Wednesday, 7th March 2007.   **Poster Room**
Afternoon Poster Session

- A FUTURISTIC CLASSROOM
  Javier Ortiz Alvarez-Cienfuegos
- APPLYING INFORMATION TECHNOLOGIES IN A MUNICIPAL RADIO STATION: NEW PROFILES AND SERVICES
  Carlos Hernández Franco, Raúl Terol Bolinches
- ARCHITECTURE AND TECHNOLOGY FOR A BLENDEDMULTIMEDIA SYSTEM FOR MATHEMATICS LEARNING
  Rui Neves Madeira, Gilberto Catarino, João Campos, Bruno Silva
- INSILICO. AN AJAX-BASED WEB TOOL FOR RESEARCH IN MOLECULAR BIOLOGY AND BIOINFORMATICS, WITH RESOURCES FOR APPLICATION IN E-LEARNING AND DRY LAB TEACHING.
  Alberto Domingo, Ana M. Bajo, Antonio Chiloeches, Verónica García
- LEONARDO PILOT PROJECT VIVRE (ENHANCING LIFE INITIATIVES TROUGH TRAINING IN THE RURAL TERRITORIES OF EUROPE)
  F. Ortiz Berrocal, L. Pérez Nager, V. Ortiz Somovilla
- MODELLING AN OPERATIVE AGREEMENT BETWEEN TWO FACULTIES FOR A STUDENT EXCHANGE PROGRAM
  Guido Li Volsi, Antonino Lo Giudice, Renato Pucci
- NEW METHODOLOGY FOR TEACHING STATISTIC WHICH ALLOWS THE PROGRESSIVE ASSESSMENT OF STUDENTS
  Santiago Vidal-Puig, Amparo Montesinos Guillot, Jorge Martín Marín, Nuria Portillo Poblador
- THE CREATION PROCESS OF A UNIVERSITY INSTITUTION BRAND
  Begoña Jordá Albiñana, Olga Ampuero Canellas, Jimena González del Río Cogorno, Teresa Magal Royo
- THE SPIRITUAL AND RELIGIOUS EDUCATION A POSSIBLE CONTEXT LEADING TOWARDS INTERNATIONALIZATION AND GLOBALIZATION
  Rodica Mariana Niculescu, Doina Usaci, Mariana Norel, Liviu Plugaru
- THE TOOLS OF THE LEARNING AND THEIR EFFECT IN THE MANAGERIAL RESULTS
  Inocencia Mª Martínez León, Josefa Ruiz Mercader, Juan Antonio Martínez León
- USE OF TECHNOLOGICAL RESOURCES IN HIGHER EDUCATION
  Francesc Balagué

Thursday, 8th March 2007.   Room No.1
Technological Issues: e-learning
  Chair: Cristina de Castro

8:45   E-LEARNING SYSTEMS AS A COMBINATION BETWEEN TECHNOLOGIES AND
        EDUCATIONAL METHODOLOGIES
        J.M. Correas, P. López, M. Sein-Echaluce, N. Boal
9:00   E-LEARNING: SERVICE CONSIDERATIONS AND RELATIONS WITH THE MEDIUM AS
        PREDICTORS OF PURCHASE INTENTION
        María José Miquel-Romero, Carla Ruiz Mafé, Silvia Sanz Blas, José Tronch García de los
        Ríos
9:15   PREREQUISITES FOR A SYSTEMIC EMPLOYMENT OF E-LEARNING: ADEQUACY
        BETWEEN THE OPPORTUNITIES AND STUDENTS' NEEDS (LITHUANIAN CASE
        STUDY)
        Edita Butrimiene, Eugenijus Danilevicius
9:30   DEVELOPMENT OF AN E-LEARNING MODULE FOR GLOBAL NAVIGATION
        SATELLITE SYSTEMS TRAINING
        Eugene McGovern, Audrey Martin, Kevin Mooney
9:45   TAILORED E-LEARNING PATHS FOR THE AUDIENCE OF A CONFERENCE
        Cristina De Castro, Paolo Toppan
10:00   TRANSFER TRAINING SUCCESS INTO EVERYDAY USE
        Carmen Bruder, Timo Beyerlein, Lucienne Blessing
10:15   ASSESSMENT: THE MISSING PIECE OF THE E-LEARNING PUZZLE IN IRISH
        ORGANISATIONS
        Sinead O'Neill, T.J. Mc Donald

Thursday, 8th March 2007.   Room No.1
Technological Issues: e-learning
  Chair: Joseph Allen

11:00   E-LEARNING RESEARCH 2007: A SNAPSHOT OF CURRENT ISSUES AND FUTURE
        TRENDS
        Andrew Ettinger, Viki Holton
11:15   PROBLEMS IN A MULTICULTURAL CLASSROOM – IS E- LEARNING THE SOLUTION?
        M. Mirza, G. Cannavina, C. W. Stokes, K. Marks
11:30   CURRENT DEVELOPMENTS AND APPLICATIONS OF VIRTUAL LEARNING
        ENVIRONMENTS
        Joseph Allen
11:45   IT IS NOT WORTH LEARNING IF IT IS NOT REMEMBERED: DESIGNING E-LEARNING
        TO INCREASE MEMORY
        Paula C. Engelbrecht, Tamas Makany, Katie Meadmore, Richard Dudley, Itiel E. Dror
12:00   LEARNING MODELS BASED IN INTERACTIVE WEBS IN ENGINEERING EDUCATION:
        DESIGN OF A DIDACTIC UNIT
        S. Ramírez, J.C. Jiménez-Sáez, R. Miranda
12:15   PROBLEMS BASED-LEARNING IN STEPS AND CASE-STUDY: SUCCESSFUL
        METHODOLOGIES FOR COURSE DESIGN
        Miguel Calvo Melero, Maria Luisa Palanques Salmerón
12:30   GIVING THE LEARNERS CONTROL OF NAVIGATION: COGNITIVE GAINS AND
        LOSSES
        Tamas Makany, Paula C. Engelbrecht, Katie Meadmore, Richard Dudley, Edward S.
        Redhead, Itiel E. Dror
12:45   INTEGRATING DIFFERENT LEARNING AND TEACHING METHODOLOGIES FOR
        TECHNICAL SUBJECTS
        Matilde Santos
13:00   ELEARNING DESIGN BASED ON PERSONALIZATION REQUIREMENTS
        Ileana Trandafir, Ana-Maria Borozan
13:15   PROBLEMS AND PITFALLS OF ONLINE COLLEGE COURSES
        Lawrence Brunner

Thursday, 8th March 2007.   **Room No.1**
Knowledge Management
   Chair: Ivana Mijatovic

14:30   IT-SUPPORTED KNOWLEDGE REPOSITORIES FOR SHARING BEST PRACTICES –
        GETTING DRESSED FOR SUCCESS
        Lena Aggestam
14:45   THE NEW EUROPEAN AUDIO-VIDEO INFORMATION BASE SOLUTION
        John B. Stav
15:00   THE ROLE OF MANAGERIAL LEARNING PROCESS IN IMPROVING QUALITY OF
        MANAGEMENT
        Ivana Mijatovic, Zivko Mitrovic
15:15   THE TECHNOLOGICAL TOOLS THAT FACILITATE THE ORGANIZATIONAL LEARNING
        Inocencia Mª Martínez León, Josefa Ruiz Mercader, Juan Antonio Martínez León
15:30   CIVILIZATIONS OF THE WORLD, A NEW ELECTRONIC ATLAS
        Mariusz Bajger, Matthias Tomczak, Nitin Goel
15:45   GLOBALISING SCIENTIFIC EDUCATION THROUGH THE WEB: THE ASTROSETI.ORG
        EXPERIENCE
        C Escandón, S Alonso, E González
16:00   GUIDELINES FOR A MODEL FOR UNIVERSITY INSTITUTIONAL WEB APPLICATION.
        THE CASE OF THE LATIN AMERICAN AND SPANISH COMMUNICATION FACULTY
        WEBSITES.
        Hugo Pardo Kuklinski

Thursday, 8th March 2007.   **Room No.1**
Knowledge Management
   Chair: Deirdre Lawless

16:30   A NEW TOOL FOR JURAL RESEARCH: THE ESCRIBA PROJECT
        Álvaro Cuevas, Antonio Pérez, Asunción Ventura
16:45   NEW TECHNOLOGIES FOR ART EDUCATION
        Elisabetta Delle Donne
17:00   PLM LAB: A RESEARCH AND TEST INITIATIVE INVOLVING INDUSTRY, DEVELOPERS
        AND UNIVERSITY
        Miguel Ángel Agustín Fonfría, Bernabé Hernandis Ortuño, Juan Carlos Briede
        Westermeyer
17:15   BRIDGING THE KNOWLEDGE GAP: EDUCATING COMPUTER SCIENCE GRADUATES
        TO WORK IN A KNOWLEDGE-BASED SOCIETY
        Deirdre Lawless
17:30   BALANCED SCORECARD IN HOSPITALS
        Faribors Ronaghi
17:45   OPERATIONAL MONITORING FOR EVALUATION OF WORKFORCE PERFORMANCE
        USING THE BALANCED SCORECARD APPROACH
        I.M Ambe , W.P.J Van Rensburg
18:00   TEACHING LAW AS WE DO IT WITH CHEMISTRY
        Pablo Sánchez-Ostiz Gutiérrez, Carlos Azcona Albarrán, Julen Carreño Aguado, Elena
        Íñigo Corroza, Carlota Pérez Sancho

Thursday, 8th March 2007.   **Room No.2**
University-Industry Collaboration: Collaborative Learning and Work
      Chair: Joergen Hansen

8:45   APPROACH IN THE AIRCRAFT INDUSTRY AT AIRBUS. DOES DIFFERENT TRACKS LEAD TO THE SAME RESULTS?
           Laureano Jiménez Esteller, Gonzalo Guillén-Gosálbez
9:00   INTERNATIONAL ENGINEERING STUDENTS IN INTERDISCIPLINARY TEAMS.
           Joergen Hansen.
9:15   EDU-INNOVATION: DESIGN RESEARCH AND DESIGN EDUCATION CONNECTED BY DESIGN MANAGEMENT
           Gabriel Songel
9:30   THE ROLE OF THE ACADEMY OF SCIENCES OF THE CZECH REPUBLIC IN FOSTERING INNOVATION AND KNOWLEDGE ABSORPTION
           Jan Hrušák, Václav Sklenička
9:45   FACILITATING TEAMWORK IN INTERNATIONAL, MULTI-DISCIPLINARY GROUPS
           David Swetnam
10:00   RESEARCH BY DESIGN IN ARCHITECTURE: LEARNING AT THE ATECLAB
           María Soledad Vidal Martínez
10:15   MANAGEMENT LEARNING IN MODE-2 SOCIETY: KNOWLEDGE CO-PRODUCTION AND IN-VIVO IMPLEMENTATION
           Christian Berggren, Joans Söderlund

Thursday, 8th March 2007.   **Room No.2**
General Issues: Education and Globalisation
      Chair: Wallace Gray

11:00   THE IMPACT OF OFFSHORING ON THE UK IT SECTOR
           Wallace Gray, Thomas M Connolly
11:15   THE EDUCATION OF LEADERS AND MANAGERS FOR SUSTAINABLE LOCAL DEVELOPMENT
           Mª Ángeles Murga, María Novo, Miguel Melendro, María José Bautista-Cerro
11:30   INTERNATIONAL POSTGRADUATE EDUCATION THROUGH COLLABORATIVE AND JOINT DEGREE PROGRAMS
           Peter A.J. Englert
11:45   THE SYSTEMS OF QUALITY ASSURANCE IN THE ADAPTATION OF EUROPEAN HIGHER EDUCATION AREA (EHEA)
           A. Pérez Boullosa, E. Osuna Carrillo De Albornoz, A. Chirivella Ramón
12:00   THE ROLE OF EDUCATION IN GLOBALIZATION AND EDUCATIONAL SYSTEM OF PAKISTAN
           Jawad Hussain, Alam Zeb

Thursday, 8th March 2007.   Room No.2
General Issues: Organisational, Legal and Financial Issues
> *Chair: Susi Poli*

12:30   EFFICIENCY AND PRODUCTIVITY CHANGE IN SPANISH HIGHER EDUCATION INSTITUTIONS
Adela García-Aracil, Davinia Palomares-Montero
12:45   EFFICIENT MATRIX ORGANISATION OF A UNIVERSITY
F. Schoellebeck, Ch. Kollmitzer, R. Pucher, G. Brezowar
13:00   ADMINISTRATIVE ISSUES IN THE DISTANCE LEARNING COMMUNITY: DIVERSE PERSPECTIVES
Adrian Zappala, Gerald Giraud
13:15   IN THE DIRECTION OF MANAGEMENT ACCOUNTING: INNOVATION AS A CULTURAL CHANGE
Susi Poli, Paola Cassone

Thursday, 8th March 2007.   Room No.2
General Issues: Diversity issues and Women and Minorities in Education and Technology
> *Chair: Joan Roodt*

14:30   CROSS-CULTURAL ABILITIES IN ENGINEERING
Irene Martín Rubio, Victoria Machuca
14:45   THE GENDER GAP IN SET. A COMPARATIVE STUDY OF AUSTRIA AND SPAIN
Sabine Bäck, Azucena Pérez Alonso, Victor Ferro
15:00   FEMALE STUDENTS IN ENGINEERING – STILL SOMETHING SPECIAL OR ALREADY NORMALITY?
Jennifer Dahmen, Felizitas Sagebiel
15:30   THE INFLUENCE OF ELECTIVE COMPUTER COURSE ON ELEMENTARY STUDENTS' TECHNOLOGY-RELATED CAREER INTERESTS
Deniz Deryakulu
15:45   STATUS OF WOMEN IN ENGINEERING IN SOUTH AFRICA
Joan Roodt, Rènette du Toit

Thursday, 8th March 2007.   **Room No.2**
Pedagogical and Didactical Innovations: Evaluation and Assessment
>   *Chair: Seth Mayotte*

16:15   DIDACTIC PROPOSAL TO UNIVERSITY TEACHERS FOR THE DIAGNOSIS, DEVELOPMENT AND EVALUATION OF CRITICAL THINKING ABILITIES IN THEIR STUDENTS
Ana Cázares Castillo

16:30   EXPECTATIONS AND REALITIES ON THE MATHEMATICAL FORMATION OF THE STUDENTS OF NEW ACCESS TO THE UNIVERSITY
Natalia Boal, Joaquín Castelló, Dolores Lerís, Vicente Martínez

16:45   IDENTIFICATION AND CHARACTERIZATION OF LECTURERS' CATEGORIES. APPLICATION TO THE POLYTECHNIC UNIVERSITY OF VALENCIA.
Mónica Martínez Gómez, Jose Miguel Carot, José Jabaloyes Vivas

17:00   USING COMPUTER-BASED SIMULATIONS TO ASSESS COMPLEX KNOWLEDGE AND SKILLS
Seth Mayotte

17:15   ASSESSMENT OF TEACHING QUALITY AT THE UNIVERSITY. PROCEDURES AND COMMUNICATION OF RESULTS ON THE INSTITUTIONAL WEB
Jose Juan Castro Sánchez, Ciro Gutiérrez Ascanio, Jose Mª Suárez Peret

17:30   DISTINCTION OF TEACHING USING A FACULTY PORTFOLIO
M. Samaka

17:45   S.A.G.D.: AUTOMATIC EVALUATION AND EDUCATIONAL MANAGEMENT SYSTEM FOR TEACHING TECHNICAL SUBJECTS
P. González-Rodelas, C. Ocaña-Martos, M. Pasadas

18:00   NOVEL CLASS-LEVEL SELF-ADAPTIVE ON-LINE EVALUATION TECHNIQUE INTELECOMMUNICATIONS ENGINEERING STUDIES.
Roberto Llorente, María Morant, Jesus Alba

18:15   NEGOCIATING CRITERIA TO ASSSESS STUDENTS' WRITTEN WORK
Rosario Hernández

Thursday, 8th March 2007.   **Room No.3**
International Projects
>   *Chair: Francisco Ayuga*

8:45   THE THEMATIC NETWORK USAEE (UNIVERSITY STUDIES OF AGRICULTURAL ENGINEERING IN EUROPE), ITS OBJECTIVES AND CONSEQUENCES.
Francisco Ayuga, Demetres Briassoulis

9:00   EMERSION: REFLECTIONS ON DEVELOPING AN INDUSTRY-ORIENTED EDUCATION MODEL TO SUPPORT SOFTWARE EDUCATION IN AN EMERGENT KNOWLEDGE ECONOMY
Deirdre Lawless, Ciarán O'Leary, Damian Gordon, Dave Carroll, Fred Mtenzi, Michael Collins

9:15   BILATERAL ACADEMIC COLLABORATION BETWEEN NORWAY AND RUSSIA
Julia Ferkis

9:30   FROM LOCAL HEROES TOWARDS GLOBAL COMMUNICATORS: THE EXPERIENCES OF THE UNIGIS NETWORK IN EDUCATING GIS PROFESSIONALS WORLDWIDE
Gemma Boix, Irene Compte, Mathilde Molendijk, Henk J. Scholten

9:45   ENGINEERING SCIENCE EDUCATION AND TECHNOLOGY PRACTICES; THE PLATFORM FOR WATER RESOURCES MANAGEMENT - NAWQAM CASE STUDY.
R.M.S. El Kholy, F. El Shibini, S.T. Abdel Gawad

10:00   INTERNATIONAL COOPERATION IN COMPUTER SCIENCE
Zoltán Horváth, Viktória Zsók

10:15   GLOBALISATION AND EDUCATIONAL REFORM: MYTHS AND REALITIES OF CHANGE IN THE SELECTED MALAYSIAN SMART SCHOOLS
Azam Othman

Thursday, 8th March 2007.   **Room No.3**
The Bologna Declaration Process and New Challenges for the European Higher Education Area
 Chair: Pascal Mimero

11:00   TWO PROJECTS TO EASE STUDENTS MOBILITY: QUALITY LABELS FOR DIPLOMA RECOGNITION AND THE ECHEMTEST ASSESSMENT TOOL
        Pascal Mimero, ECTN Coll.
11:15   SUCCESSES AND FAILURES OF ENHANCING THE BRIDGE BETWEEN SECONDARY AND HIGHER EDUCATION. PROJECT LAQUIMICA.NET
        Miquel Duran Emili Besalú, Marta Planas, Josep Duran
11:30   PEDAGOGICAL CHALLENGES AND THE IMPLEMENTATION OF THE BOLOGNA PROCESS
        Eva Söderström, Karin Kronberg
11:45   A VIRTUAL LEARNING APPROACH FOR PROJECT ENGINEERING DESIGN SUBJECT
        E. Roca, A. Franco, P.M. Bello, A. Mosquera-Corral, J.L. Campos
12:00   THE VIRTUAL CLASSROOM AS CHANGE IN THE UNIVERSITY FACULTY'S EDUCATIONAL CULTURE
        Natividad López Rodríguez, Tomás Motos Teruel, José Luis Ulizarna García

Thursday, 8th March 2007.   **Room No.3**
New Challenges for the European Higher Education Area
 Chair: Christine Harris

12:15   UNIVERSITY TEACHERS FACING THE NEW TECHNOLOGIES: THE EUROPEAN HIGHER EDUCATION SPACE CHALLENGE.
        Natividad López Rodríguez, Tomás Motos Teruel, José Luis Ulizarna García
12:30   PROCESS OF ADAPTATION OF EUROPEAN HIGHER EDUCATION AREA (EHEA): A TEACHING GUIDE
        E. Osuna Carrillo de Albornoz, A. Pérez Boullosa, A. Chirivella Ramón, M.A. Cebriá Iranzo
12:45   CHALLENGES IN TEACHING OPERATIONS MANAGEMENT AS A RESULT OF FOLLOWING THE EUROPEAN HIGHER EDUCATION AREA GUIDELINES
        María J. Oltra Mestre, M. Luisa Flor Peris, Cristina García Palao
13:00   THE ECTS AS AN OPPORTUNITY FOR EDUCATIONAL INNOVATION. AN EXAMPLE CASE FROM THE TEACHER TRAINING COLLEGE, CUENCA, UNIVERSITY OF CASTILLA-LA MANCHA
        Mercedes Ávila, Christine Harris
13:15   APPLICATION OF ARONSON PUZZLE AS LEARNING METHODOLOGY IN ENVIRONMENTAL MANAGEMENT CASE STUDIES
        E. Roca, A. Franco, P. Bello, A. Mosquera-Corral, J.L. Campos

Thursday, 8th March 2007.   **Room No.3**
Academic Research and Evaluation Methods
    Chair: Jara Vassal'lo Saco

14:30 THE DEVELOPMENT AND IMPLEMENTATION OF AN INTERNAL EVALUATION PROCEDURE   FOR THE CONTINUOUS MONITORING OF THE QUALITY OF POSTGRADUATE ENGINEERING .COURSES
    K. K. Kotivas, M. L. Tsipa , D. N. Tsipas

14:45 GIVE CREDIT WHERE CREDIT IS DUE: E-PLAGIARISM AND UNIVERSITIES
    John Biggam

15:00 THE POZO AZUL PROJECT, A RESEARCH INITIATIVE BY A GROUP OF UNIVERSITY STUDENTS IN MADRID
    ACF Nostoc* P. Alonso, A. Andrino, J. Ávila, R. Caparrós, J. Caravantes, M. Contreras, L. Corvo, A. Espí, B. Estébanez, M. Fernández-Mazuecos, I. Herrera, E. Jubera, M. La Calle, J. Luna, L. Martí, L. Morillo, A. Navajas, R. Ochoa, D. Orgaz, T. Ortiz, D. de la Puente, A. Quiroga, A. Ramírez, M. Rodríguez, A. Ruiz, J. de Toledo, J. Vassal'lo

15:15 BRINGING FRONTLINE ASTRONOMY IN THE CLASSROOM: EU-HOU
    Ana I. Gómez de Castro, Cathy Hollerou, Rosa Dorán, Lech Mankievicz, Anne-Laure Melchior, Margarita Metaxa, Alessandra Zanazzi, Robert Hill(s) and the EU-HOU team

15:30 A SIMULATION TOOL FOR DIGITAL SIGNAL PROCESSING TEACHING
    Matilde Santos, J. Klaus González

Thursday, 8th March 2007.   **Room No.3**
Academic Research and Evaluation Methods
    Chair: Sener BUYUKOZTURK

16:00 DO FOUNDATION STUDENTS PERFORM BETTER AT THE END OF THEIR FIRST YEAR OF UNDERGRADUATE STUDY THAN THEIR COUNTERPARTS WHO ENTER STRAIGHT INTO MAINSTREAM STUDY? A CASE STUDY AT MONASH SOUTH AFRICA.
    Debbie Lees, Michael Hundermark, Marie Aucamp

16:15 CONTINUOUS EVALUATION IN MECHANICS II. A NEW EXPERIENCE
    Martín Utrillas, Manuel, Pallarés Rubio, Francisco Javier

16:30 THE TURKISH ADAPTATION STUDY OF MOTIVATED STRATEGIES FOR LEARNING QUESTIONNAIRE (MSLQ) FOR 12–18 YEAR OLD CHILDREN
    Sener Buyukozturk, Ozcan Erkan Akgun, Sirin Karadeniz, Ebru Kilic Funda Demirel

16:45 COMPUTER ETHICS AMONG TECHNICAL AND VOCATIONAL STUDENTS IN HIGHER EDUCATION
    Wan Azlinda Wan-Mohamed, Siti Sharmila Osmin, Badrul Omar

Thursday, 8th March 2007.   Room No.3
Educational Software: Simulation, Animation and 3D systems
    Chair: John Biggam

17:15   AUTOMATED CABIN FOR MARINER TRAINING
       José Ignacio Uriarte
17:30   INTERNATIONAL ISSUES IN DEVELOPING AND USING GAMES FOR ENGINEERING EDUCATION
       M. J. Mawdesley, S Al-jibouri, D Scott, J Gribble, G Long
17:45   TECHNICAL ASPECTS OF DIDACTIC CLIMATE MODEL SIMULATIONS FOR TEACHING AND LEARNING PURPOSES
       François Jimenez, Stéphane Goyette, Hervé Platteaux

Thursday, 8th March 2007.   Room No.4
Pedagogical and Didactical Innovations: New Learning / Teaching Models
    Chair: Alberto Domingo

8:45   GRAPHICAL TOOLS FOR LEARNING
       Jaime Alamo-Serrano
9:00   A CREATIVE AND PARTICIPATIVE TEACHING-LEARNING METHOD ASSEMBLED OVER A CLIENT-PROVIDER PARADIGM
       Alberto Domingo, Ana M. Bajo, Antonio Chiloeches, Verónica García
9:15   MEITHEAL – AN ADVENTURE IN INTER-DISCIPLINARY ARTS
       Anita Groener, Patricia Hurl
9:30   EDUSERV – THE EDUCATION SERVICE OF EUROSDR - BUILDING CAPACITY AND TRANSFERRING SKILLS
       Joachim Höhle, Kevin Mooney, Alfred Stein
9:45   TECHNOLOGICAL AND HUMANISTIC EDUCATION: NEW CHALLENGES FOR UNIVERSITIES
       Eva Alcon Soler, Modesto Fabra Valls, Rosa Grau Gumbau
10:00 LOAF+SOLO: A MODEL FOR ASSESSING FUNCTIONING KNOWLEDGE THROUGH SERVICE LEARNING
       Ciarán O'Leary, Damian Gordon, Deirdre Lawless
10:15 STUDENT ENGAGEMENT: A PRACTICAL APPROACH TO TEACHING COMPUTER PROGRAMMING IN HIGHER EDUCATION.
       Cathal McHugo, Kevin Johnson, Timothy Hall

Thursday, 8th March 2007.   Room No.4
Pedagogical and Didactical Innovations: New Learning / Teaching Models
     Chair: Kate Sayer

11:00   PROBLEM BASED LEARNING IN AN INDUSTRIAL COMPUTERS COURSE
        Julio-Ariel Romero Pérez, Roberto Sanchis Llopis
11:15   MODEL FOR VALIDATING COGNITIVE STRUCTURE AND ASSESSMENT AN A ICT LITERACY PROFICIENCY TEST IN SECONDARY SCHOOL STUDENTS
        Carlos Villegas-Quezada, Rebeca De los Santos, Rodrigo Villegas
11:30   EDUCATION FOR EMPLOYMENT: THE E4 PROJECT
        Dawn Duffin, Damian Gordon, Brian Nolan
11:45   EDUCATION VIA TEACHING THE LAW
        Brigitte Feuillet-Le Mintier
12:00   MULTI MODALITY (SIGNED, WRITTEN, PICTORICAL, VERBAL) FOR PRESENTATION OF INFORMATION.
        Rubén Nogueira Fos, José Manuel Martínez Gómez
12:15   INCENTIVES FOR THE TRANSFORMATION OF STRATEGIC LAW STUDENTS INTO DEEP LEARNING LAW STUDENTS.
        Francisco B. López-Jurado
12:30   A NEW PERSPECTIVE ON THE LEARNING PROCESS
        Rodica Mariana Niculescu, Doina Usaci, Mariana Norel, Liviu Plugaru
12:45   TEACHING/LEARNING THE ENVIRONMENT WITHIN ENVIRONMENTAL LAW STUDIES.
        Francisco B. López-Jurado, Angel M. Ruiz de Apodaca, Juan José Pons, Jordi Puig i Baguer
13:00   RESEARCH METHODOLOGY IN THE SCIENCE MUSEUMS CONCEIVED AS INNOVATIVE PLACES OF LEARNING
        Constancio Aguirre Pérez, Ana María Vázquez Moliní
13:15   BREAKING THE COMMUNICATION BARRIERS OF TEACHING TECHNOLOGY TO NON-TECHNOLOGISTS.
        Kate Sayer, Rachel Studd

Thursday, 8th March 2007.   Room No.4
Pedagogical and Didactical Innovations: Language Learning Innovations
     Chair: Jean M. Janecki

14:30   THE POTENTIAL USE OF SLOW-DOWN TECHNOLOGY TO IMPROVE PRONUNCIATION OF ENGLISH FOR INTERNATIONAL COMMUNICATION
        Bunny Richardson
14:45   LANGUAGE LABS AND BEYOND: ENHANCING L2 AUTOMATIZATION IN INTERPRETER TRAINING
        María J. Blasco Mayor
15:00   THE APPLICATION OF ICT TO LANGUAGE LEARNING
        Elisabetta Delle Donne
15:15   THE INGENIO ONLINE AUTHORING TOOL: INNOVATING MATERIALS DESIGN FOR LANGUAGE LEARNING
        Ana Gimeno Sanz
15:30   PSYCHOACOUSTICAL STUDY OF SPEAKER NEUTRALIZATION IN SPONTANEOUS SPEECH, FOR STUDENTS OF A FOREIGN LANGUAGE
        Blas Payri, Emilia V. Enríquez Carrasco, Jesús Laborda García, Antonio Fores López, Juan M. Sanchis Rico
15:45   E-MAIL AS A WEB-TEACHING TOOL IN THE ESP WRITING CLASSROOM
        Jafar Asgari Arani
16:00   TEACHING WITH TECHNOLOGY: NEW APPROACHES FOR SPANISH LANGUAGE, LITERATURE AND CULTURE CLASSES
        Jean M. Janecki de Sotarello

Thursday, 8th March 2007.   Room No.4
Technological Issues: Advance Classroom Technology, Web Classroom Applications and WebLab Systems
     Chair: Kristiina Leipälä

16:30   THE USE OF WEBLOGS IN HIGHER EDUCATION: BENEFITS AND BARRIERS
        Sergio Lujan-Mora, Susana de Juana-Espinosa
16:45   CLASSROOM KNOWLEDGE AND LABORATORY EXPERIENCE IN ROBOTICS
        Zoltán Istenes
17:00   EMBER – A EUROPEAN MULTIMEDIA BIOINFORMATICS EDUCATIONAL RESOURCE
        Georgina Moulton, Ioannis Selimas, Teresa Attwood,
17:15   ELECTRONICS FOR PHYSICISTS: DOES THE STUDIO CLASSROOM SOLVE THE PROBLEM?
        E. Lagendijk, D.R. Schaart, K.A.A. Makinwa, E.H. van Veen
17:30   DEVELOPMENT OF SCORM COMPLIANT COURSE AND MIDDLEWARE. AN APPLICATION OF TEACHING IN INDUSTRIAL CONTROL ENGINEERING
        A.Pons, N.Montés, F.Sánchez, G.Salvador
17:45   EXPERIENCES OF VIRTUAL TEACHING
        Kristiina Leipälä
18:00   DESIGNING AND IMPLEMENTING WEB CLASSROOM APLICATIONS USING COMPETENCY-BASED TEACHING
        Ramón Zatarain-Cabada, M. L. Barrón-Estrada, M.L. Nevárez –Rivas, Fernando Vega-Juárez
18:15   DEVELOPMENT OF MULTIMEDIA APPLICATIONS FOR GUIDING IN ELECTRONIC LABORATORY PRACTICES
        M. Castro, E. Sancristobal, G. Díaz, J. Peire, E. Lopez-Aldea, J. Pérez, A. Hilario, F. García, P. Carrión

Thursday, 8th March 2007.   **Poster Room**
Morning Poster Session

- A NEW METHODOLOGY IN AN EXPERIMENTAL SUBJECT OF CHEMICAL ENGINEERING
  M. Sancho, J.M. Arnal, A. Santafé, B. Cuartas, F. Martínez
- ALTERNATIVE FORMS OF CONTINUOUS ASSESSMENT IN MATHEMATICS
  Michael Carr, Eabhnat Ní Fhloinn, Domhnall Ó Sioradáin
- APPLIED QUANTUM THEORY IN THE CLASSROOM
  D.Reyman, J.J.Camacho, M.Guijarro
- DESIGN OF AN ON LINE PLATFORM FOR THE TEACHING AND LEARNING OF GRAPHIC EXPRESSION
  Juan Ignacio Ferreiro Prieto, Raquel Perez del Hoyo, Francisco Javier Esclapés Jover
- E-LEARNING FOR OPTIMISING WATER USE AND MANAGEMENT IN ANDALUSIA, SPAIN
  A. Pedrera León, L. Pérez Nager, F.J. Jiménez Crespo, K. Vanderlinden, F. Ortiz Berrocal
- E-LEARNING IN HYDROLOGY
  Mojca Šraj, Mitja Brilly
- ESTABLISHMENT OF THE EUROPEAN CREDIT TRANSFER SYSTEM (ECTS) IN THE SUBJECT: AGRO-ALIMENTARY INDUSTRIES IN AGRONOMICAL SCIENCES
  Rosa M. Pérez Clemente, Aurelio Gómez Cadenas
- LOCATION AWARE DEVICE FOR NAUTICAL EDUCATION PURPOSES
  Marc Vervoort, Peter Bueken, Diane Aerts, Luc Vervoort
- MULTIPLE VIEWS FEEDBACK SYSTEM FOR ANALYSIS OF MOTOR ACTIONS IN SPORT
  YOSHIKAWA Fumito, SHIRAI Katsuyoshi
- VALENCIA UNIVERSITY OPENS/IN CONTACT TO SOCIETY
  Beatriz Díaz Díaz, Ana Cardo Maza
- THE SOCIAL IMPACT ON EDUCATORS AND STUDENTS OF PHYSIOTHERAPY IN RELATION TO THE CULTURAL CHANGES WHICH ENTAILS THE IMPLEMENTATION OF THE EUROPEAN SPACE FOR HIGHER EDUCATION (EEES)
  M.A. Cebriá Iranzo, L. López Bueno, C. Igual Camacho, N. Estévez Fuertes
- WEAKNESSES AND FORTRESS OF ECTS'S IMPLANTATION (INTRODUCTION): THE COMPARATIVE ONE BETWEEN (AMONG) THREE UNIVERSITY STADIES .
  Elisa Amo Saus, María José García Meseguer, Ramón Serrano Urrea, Tomás Rojo Guillén

Thursday, 8th March 2007.   **Poster Room**
Afternoon Poster Session

- A BAYES NET INSIDE AN INTELLIGENT TUTORING SYSTEM. HOW DOES IT WORK?
  Jorge López Puga, Juan García García
- A NOISE REDUCTION ALGORITHM IN SIGNALS USING NEURAL NETWORKS
  Jorge Mateo Sotos, César Sánchez Meléndez, José Joaquín Rieta Ibáñez
- A POSTGRADUATE COURSE ON HEURISTIC DESIGN OF REINFORCED CONCRETE STRUCTURES
  F. Gonzalez-Vidosa, V. Yepes, J. Alcala, C. Perea, F. Martinez
- EXPERIMENTAL ASSESSMENT OF THE DETERMINANTS OF USEFULNESS OF B-LEARNING PLATFORMS
  Francisco Muñoz Leiva, Francisco J. Montoro Ríos, José Ángel Ibáñez Zapata
- BLOGGING AS AN EDUCATIONAL TOOL IN CHEMISTRY: WHY IT WORKS FOR SOME STUDENTS AND DOES NOT FOR OTHERS
  Miquel Duran, Laia Guillaumes
- RESEARCH ON QUALITY FOODS: UNIVERSITY-INDUSTRY COLLABORATION PROJECTS
  A. Alegría, R. Barberá, R. Farré, M.J. Lagarda, P. Abellán, F. Romero
- TEACHING CALIBRATION IN CHEMISTRY LABORATORIES
  José L. Todolí, Salvador E. Maestre, Eduardo Paredes
- THE COMPARATIVE STUDY OF TOOL MARKS ON ARCHAEOLOGICAL GOLD OBJECTS IN THE SCANNING ELECTRON MICROSCOPE (SEM)
  Birgit Bühler, Mathias Mehofer
- UNIVERSITY OF ROSTOCK - FACULTY OF AGRICULTURAL AND ENVIRONMENTAL SCIENCES
  Bernd Ballschmiter, Carsten Liesenberg
- WEB-BASED LEARNING IN UNDERGRADUATE DENTAL EDUCATION: CEPHALOMETRIC TRACING
  M.D. Oteo Calatayud, C. Martín Álvaro, P. San Román Calvar, E. Nevado Rodríguez, J.M. Alamán Fernández, M.C. Moreno Fluxá, M. Sánchez Sevilla, J.A. Alarcón Pérez, J.C. Palma Fernández
- WEB-BASED LEARNING IN UNDERGRADUATE DENTAL EDUCATION: DIGITAL DENTAL MODELS
  C. Martín Álvaro, M.D. Oteo Calatayud, E. Nevado Rodríguez, J.M. Alamán Fernández, P. San Román Calvar, M.C. Moreno Fluxá, M. Sánchez Sevilla, J.A. Alarcón Pérez, J.C. Palma Fernández

Conference Proceedings.
Virtual Presentations

- A HYBRID GAMING FRAMEWORK AND ITS APPLICATIONS
  Chong-wei Xu
- A MICROWAVE DOPPLER SENSOR IN K-BAND FOR TERRESTRIAL APPLICATIONS
  Sawsan Sadek, Jean Vindevoghel
- A NEW SIMULATION TOOL FOR DESIGNING AND OPTIMIZATION OF REFRIGERATION SYSTEMS
  Farouk Fardoun, Mohammad Hajjar
- A NEW SOLAR-TRACKER SYSTEM CONTROLLED BY MICROCONTROLLER
  Mohammad Hajjar, Farouk Fardoun, Bassam Daya
- A NEW TUTORING MODEL IN THE ECTS: COMPETENCES, EVALUATION, AND ASSESSMENT OF THE ABILITIES ACQUIRED BY THE STUDENT.
  Mª Teresa Duplá Marín, Carmen Lázaro Guillamón
- A SAMPLE WEB-BASED LEARNING ENVIRONMENT DESIGN FOR TEACHERS' PRE-SERVICE TRAINING PROGRAMS
  M. Semih Summak, Elçin Gören Summak, Mehmet Kasım Sular
- A WEBLAB FOR CONSERVATION LEARNING
  José Manuel Barros García
- ABSENTEEISM IN THE SPANISH UNIVERSITY STUDENT POPULATION. A QUANTITATIVE ANALYSIS
  Esperanza Gracia Expósito, Mª Covadonga de la Iglesia Villasol
- ACOUSTICS LABORATORY USED IN VIRTUAL LEARNING COURSES
  M. J. Elejalde-García, E. Macho-Stadler
- ALTERNATIVES TO LECTURING
  Guadalupe Ortiz Bellot
- APPLYNG WEB 2.0 APPLICATIONS TO ENGINEERING GRAPHICS TEACHING
  Norena Martín, José Luís Saorín, Manuel Contero
- ASIAN VIRTUAL UNIVERSITY: AN EPOCH-MAKING CONCEPT
  Niaz Makhdum Muhammad, Md. Delwar Hossain
- ASSESSING THE LEARNING STYLES OF STUDENTS FROM TECHNICAL AND NON-TECHNICAL CAREERS: A COMPARATIVE STUDY
  Carlos T. Calafate, Juan Carlos Cano, Pietro Manzoni
- AUGMENTED TEACHING
  Francisco Giner, Cristina Portalés
- AUTONOMOUS LANGUAGE E- LEARNING: INTERNET AS A TOOL TO IMPROVE STUDENTS´ ENGLISH PRONUNCIATION
  Patricia Maestro Bayarri, María Luisa Renau Renau
- BASIC SKILLS FOR WORK – COMBINED BASIC SKILLS AND COMMUNICATION TRAINING FOR LOW-SKILLED WORKERS
  Wolfgang Eisenreich, Helmut Kronika
- BOOSTING THE DIGITAL LITERACY OF PRE-SERVICE AND IN-SERVICE TEACHERS
  Dragan Soleša, Rada Jančić
- CLIMATE CHANGE EDUCATION – EXPERIENCE OF UNEP
  Arkadiy Levintanus
- COMPARATIVE STUDY BETWEEN INDIVIDUAL AND GROUP ACTIVITIES
  C. Gil, M.D.G. Montoya, A. Alías, R. Baños
- COMPETITIVENESS AND THE NEW ORGANIZATIONAL DEVELOPMENT: MAIN CHALLENGES OF EUROPEAN KNOWLEDGE – BASED ECONOMY
  Cristina Barna, Emilia Neault
- COMPUTER-AIDED SKETCHING IN ENGINEERING SCHOOLS
  Ferran Naya, Manuel Contero, Pedro Company, Nuria Aleixos
- CONTEMPORARY REFORM ISSUES ON THE PROBLEMS AND POSSIBILITIES IN NIGERIA EDUCATIONAL SYSTEM
  A.O. Urevbu, Odirin Omiegbe
- CONTEST: RANDOM TEST GENERATOR
  José Manuel Alonso, Gregorio Martín, Juan Vicente Martín, Teresa Alvarez
- CRITERIA AND DECISION MAKING THROUGH ACTIVE LEARNING ACTIVITIES IN CONSERVATION OF CULTURAL HERITAGE TRAINING PROGRAMS
  Laura Fuster-López

- THE CHALLENGE OF VIRTUAL EDUCATION: IMPLICATIONS FOR TEACHERS AND STUDENTS.
  Caurcel Cara, María Jesús
- THE COMMUNICATION ASPECTS IN THE LEARNING AND TUTORIAL SCENARIOS IN E-LEARNING
  Gheorghe Scutaru, Elena Cocorada, Mariela Pavalache-Ilie
- THE EUROPEAN ELEARNING PROGRAMME(S): BETWEEN RHETORIC AND REALITY
  Florin D. Salajan
- THE EXPERIENCE OF THE INTERNATIONALISATION PROCESS AT BENEMÉRITA UNIVERSIDAD AUTÓNOMA DE PUEBLA
  Rafael Hernández Oropeza, Francisco Rodríguez Salazar, Karen García Fabela
- THE IMPACT OF TECHNOLOGY AND EDUCATION IN OUR CURRENT SOCIETY: TRAINING FOR INFORMATION SEARCHING (VIA INTERNET) IN THE EUROPEAN FRAMEWORK FOR HIGHER EDUCATION
  Marta Fuentes Agustí, María José Hernández Serrano
- THE IMPORTANCE OF TEACHING TEAMS AS A FORMATIVE AND INNOVATION STRATEGY
  M.D.G. Montoya, C. Gil, A. Alías, F. Gil
- THE LEYTEX PROJECT
  Jorge Martinez-Gil
- THE MOTIVATION OF WORKING AND STUDING
  Adriana Giret, Miguel A. Salido
- THE PROBLEMS OF USING THE COMPUTER IN ENGLISH CLASSROOM IN SECONDARY SCHOOLS IN THE UK
  Bin Zou
- THE RESEARCH IN DIDACTICS AS THE KEY FACTOR IN THE IMPROVEMENT OF THE TEACHING QUALITY
  Mª Covadonga de la Iglesia Villasol, Esperanza Gracia expósito
- THE ROLE OF THE MULTILAYER PERCEPTRON IN THE ELABORATION OF PROGNOSTIC MODELS TO FORECAST OZONE LEVELS
  E. Agirre, A. Anta, L.J.R. Barrón, M.V. Albizu
- THE SCIENTIFIC PROCEDURE OF COMMUNICATE RESULTS AS AN EDUCATIONAL ACTIVITY: AN EXAMPLE
  J. Cantó, M. Domingo, C. Millán
- THE SOFTWARE ARCHITECTURE INSIDE THE SOFTWARE ENGINEERING CS CURRICULA
  Anabel Fraga, Juan Llorens, Gonzalo Genova
- THE USE OF INFORMATION TECHNOLOGY (ICT) IN THE CONCEPTUALISATION OF SOIL CLASSIFICATION DATABASE
  J.E. Atajeromavwo, O. Ugboh, E.U. Tibi
- THOTH: A NEW TOOL FOR AUTOMATA THEORY LEARNING
  César García-Osorio, Álvar Arnáiz-González, Andrés Arnáiz-Moreno
- THUMBPRINTING .NET APPLICATIONS
  M. Shakeel Anjum, Ahmed Hassan, Khalid Rashid
- USING AN ADAPTIVE HYPERMEDIA SYSTEM IN REMOTE SENSING E-LEARNING COURSES
  Sueli Pissarra Castellari, Hilcéa Santos Ferreira
- VISUALIZING STUDENT'S OPERATION HISTORY FOR SUPPORT OF PREPARING TEACHING MATERIAL AND STUDENT'S LEARNING
  Mayumi UEDA, Shoji KAJITA, Kenji MASE
- WEB SELF–ASSESSMENT TOOL FOR LEARNING THERMODYNAMICS IN ENGINEERING SCHOOLS
  Celina González, Rafael Nieto
- WHAT KIND OF ETHICS FOR BIOTECHNOLOGY?
  Josef Kuře
- YOUNG RESEARCHERS FOR THE ECONOMY
  Janez Marko Slabe, Mateja Nemanič
- THE PROFESSIONAL SCIENCE MASTERS DEGREE: A MODEL FOR UNIVERSITY-INDUSTRY PARTNERSHIPS
  C. Clifton Chancey, Susan J. Koch
- ELECTRONIC LIBRARY RESOURCES IN THE LEARNING PROCESS
  Kwan-Yau Lam
- SIMULATING DECISIONS ON FINANCIAL ECONOMICS AND ACCOUNTING
  S.H. Otal Franco, R. Serrano García