



TECH-EDUCATION 2010

1ST International Conference on Technology Enhanced Learning, Quality of Teaching and Reforming of Education

May 19-21, Athens, Greece

Papers to be Presented per Track

Track 1. Quality of Education / Quality of Teaching - A new vision for Teaching and Education

1. Astrid Sandas and Faye Benedict. Challenges of implementing ESD in the education sector; experiences in Norway
2. John Biggam. Using Automated Assessment Feedback to Enhance the Quality of Student Learning in Universities: A Case Study
3. David Castillo, Enric Serradell and Ines GonzAlez. ICT Uses and Efficiency in Higher Education: an Analysis of the Students' Performance Determinants in Online Courses using Structural Equations
4. Pablo Murta Baia~o Albino and Jose Enrique ArmendAriz-Inigo. On the Utility of ICT in the European Higher Education Area: the Bologna Process and its Implications in the Innovation of the Teaching & Learning Process

5. Constanta N. Bodea, Maria Dascalu and Melania Coman. Quality of Project Management Education and Training Programmes
6. Roberto Guidorzi. Quality of Higher Education: The challenge of Enhanced Learning Methodologies
7. Abdullah cavusoglu and Durmus Gunay. THE REFORMING OF VOCATIONAL TEACHER TRAINING COLLEGES IN TURKEY
8. Helen Bond. Balancing Teacher Quality and Quantity
9. Michela Ott and Francesca Pozzi. Getting ready for the “school of the future”: key questions and tentative answers
10. Ioannis Karavasilis, Ioannis Samoladas and Apostolos Nedos. From empiricism to Total Quality Management in Greek education
11. Constantinos I. Doukas, Yannis Kotsanis, Vassilis Economou and Katerina Riviou. DEVELOPING THE SCHOOL OF THE FUTURE WITH QUALITY – A GREEK CASE STUDY

Track 2. Technology Enhanced Learning - Learning Technologies - Personalization- eLearning

1. Marc Alier, Maria Jose Casan and Jordi Piguillem. Moodle : Shifting from a Learning Toolkit to a Open Learning Platform
2. Anthony Edwards and Craig Deed. Student blogging: Implications for learning in a virtual text-based environment
3. Miguel A. Revilla and Miguel Revilla. Having your own automatic judge: EEWs (poster)
4. Jan Paralic and Frantisek Babic. KP-Lab System, a collaborative environment for design, realization and examination of different knowledge practices
5. Gabriela Pavel. Machine learning support for human articulation of concepts from examples – A Learning Framework
6. Jon Dornaleteche. ORATORIA ONLINE: THE USE OF TECHNOLOGY ENHANCED LEARNING TO IMPROVE STUDENTS' ORAL SKILLS
7. Miguel Angel Conde, Diego Alonso Gomez Aguilar, Alberto Del Pozo de Dios and Francisco Jose Garcia Penalvo. Moodle web services layer and its new application contexts
8. Antonella Carbonaro. Towards an Automatic Forum Summarization to Support Tutoring

9. Katrina Maxwell and Albert Angehrn. Lessons Learned from Deploying a Video-based Web Platform in an Executive Education Context
10. Miguel A. Brito and Filipe de Sa-Soares. Computer Programming: Fail Fast to Learn Sooner
11. Angela Shapiro and Aidan Johnston. From Workshop to the Web: Reflections on the Journey in Producing Vidcasts to Enhance Student Learning
12. Thanasis Daradoumis, Angel Juan, Fernando Lera-Lopez and Javier Faulin. Using Collaboration Strategies to Support the Monitoring of Online Collaborative Learning Activity
13. Margarida Lucas and Antonio Moreira. Knowledge Construction with Social Web Tools
14. Najwa Hayaati Mohd Alwi and Fan Ip-Shing. Information Security Threats Analysis for E-learning
15. Oscar-Lorenzo Duenas-Rugnon, Santiago Iglesias-Pradas and Angel Hernandez-Garcia. System and user characteristics in the adoption and use of e-learning management systems: a cross-age study
16. Luigi Colazzo, Francesco Conte, Andrea Molinari and Nicola Villa. The workbook service in a learning virtual communities' platform
17. Berta Buttarazzi and Michele Angelaccio. Adaptative Peer to Peer Data Sharing for Technology Enhanced Learning
18. Milena Casagrande, Luigi Colazzo, Andrea Molinari and Sara Tomasini. E-learning as an opportunity for the Public Administration
19. Michael Derntl and Rafael A. Calvo. Embedding Educational Design Pattern Frameworks into Learning Management Systems
20. Javier Sanz-Rodriguez, Merkourios Margaritopoulos, Thomas Margaritopoulos, Juan Manuel Dodero, Salvador Sanchez-Alonso and Athanasios Manitsaris. An automatic indicator of the reusability of learning objects based on metadata that satisfies completeness criteria
21. Constanta N. Bodea and Maria Dascalu. Modeling Project Management Competences: an Ontology-based Solution for Competency-based Learning
22. Seong Jin Kim, Keon Chul Park, Hyun Sik Seo and Bong Gyoo Lee. Measuring the Quality of the u-Learning Service Using the Zone of Tolerance SERVQUAL
23. Philip Bonanno. A Process-oriented model for Technology-enhanced learning

24. Ana Pavani. Union Catalogs of Learning Objects: Why not?
25. Ricardo Colomo-Palacios, Diego Jimenez-Lopez, Angel Garcia-Crespo and Borja Blanco-Iglesias. SOLE: Applying Semantics and Social Web to support Technology Enhanced Learning in Software Engineering

Track 3. Educational Strategies / Teaching Strategies

1. Albert Angehrn and Katrina Maxwell. EduSynergy: A Simulation-based Change Management Experience for Higher Education Institutions
2. Rugayah Gy Hashim, Hashim Ahmad and Nor 'Aini Ahmad. Assessment of Andragogical Attributes of Distance Learners
3. Vassilios Dagdilelis and Ioannis Papadopoulos. Didactic Scenarios and ICT: a good practice guide
4. Meritxell Cortada, Maria Graciela Badilla and Jordi Riera. Interactive Whiteboard Integration in classrooms: Active Teachers Understanding about their Training Process
5. Yossi Raanan, David Bregman and Gila Keinan. Teaching Business Simulation Games: Comparing Achievements Frontal Teaching vs. eLearning
6. Ana Belen González Rogado, Ma José Rodríguez Conde, Susana Olmos MiguelAñez, Blanca García Riaza and Francisco José García Penalvo. Efficiency assessment of a blended-learning educational methodology in engineering
7. Damla Gurkan Kuntalp, Guleser Kalayci Demir and Olcay Akay. A CASE STUDY OF MODULAR-BASED PROJECT ORIENTED LEARNING IN ELECTRICAL ENGINEERING
8. Chang Wenwu. Origami in Education Enhanced by Computer Technology: a Case Study of Teaching Hexaflexagon in Math Class
9. Patricia Almeida, Jose Joaquim Teixeira-Dias and Jorge Medina. Improving the Scholarship of Teaching and Learning through Classroom Research
10. Victor Martin-Perez, Natalia Martin-Cruz, Pilar Perez-Santana, Juan Hernangomez-Barahona and Celia Martin-Sierra. Virtual Learning-by-Doing' Teamwork KSA: Strategic Management simulation as an Effective Tool
11. Fabio Bertarelli, Juma Kilwake, Stephen Mutua, Elisabetta Genovese, Giacomo Guaraldi and Matteo Corradini. The digital board in a University setting: two real cases in Europe and East Africa

12. Felix Pascual-Miguel, Julian Chaparro-Pelaez, Angel Hernandez-Garcia and Santiago Iglesias-Pradas. A comparative study on the influence between interaction and performance in postgraduate in-class and distance learning courses based on the analysis of LMS logs
13. Jaime Ribeiro, Antonio Moreira and Ana Margarida Almeida. ICT in the Education of students with SEN: Perceptions of stake holders.
14. Davide Mazza and Sara Comai. A Haptic-Based Framework for Chemistry Education: Experiencing Molecular Interactions with Touch
15. Valentina Zangrando, Francisco Jose Garcia Penalvo and Antonio Miguel Seoane Pardo. Multicultural Interdisciplinary Handbook (MIH): Tools for Learning History and Geography in a Multicultural and ICT Perspective
16. Spyros Doukakis, Maria Chionidou-Moskofoglou, Eleni Mangina-Phelan and Petros Roussos. Technological and Content Knowledge of Undergraduate Primary Teachers in Mathematics
17. Elizabeth Sherly and Meraj Uddin. Technology Enhanced Learning and Teaching- A pedagogy model for e-Learning
18. Jowati Juhary. A Hybrid Teaching and Learning Model
19. Harald Haugen and Bodil Ask. Integration of subject related ICT in schools is failing; could revival of system dynamics & simulations be an example towards improvement?
20. Lorayne Robertson and Janette Hughes. Recognizing the "Transformational" in Digital Assignments for a Teacher Preparation Program
21. Peter Bunus. The Social Network Classroom
22. merce panellas, montserrat alguacil and maria carme boque. Family Involvement as a Priority Element for an Educational Action Based on Dialogic Learning
23. Dr. Lykourgos Petropoulakis, Muhammad Taha Khan and Linda Steedman. BriteStep: Automation in IT Assessment
24. John Lawlor, Claire Conneely and Brendan Tangney. Towards a pragmatic model for group-based, technology-mediated, project-oriented learning – an overview of the BC model

25. Spyros Doukakis, Christos Koilias and Maria Chionidou-Moskofoglou. Students' Satisfaction with an undergraduate primary education teaching practicum design on developing Technological, Pedagogical and Mathematical Knowledge
26. Placido Pinheiro and Amaury Brasil. Web-Based Optimization System Applied to the Teaching of Mathematical Programming
27. Dr. Margaret Denny and Dr. John Wells. Reducing stress within the rehabilitative work setting – A report on the ROSE project
28. Dr. Margaret Denny. Exploring How Teaching For Multiple Intelligence Using A Multiple Intelligence Teaching Approach Affected Student Achievement In An Undergraduate Nursing Education Programme In Ireland.

Track 4. The Collaborative/ Constructive/ Pedagogical/ Didactical Approaches

1. Ricardo Colomo-Palacios, Fernando Paniagua-Martin, Angel Garcia-Crespo and Belen Ruiz-Mezcua. Technology enhanced learning for people with intellectual disabilities and cerebral paralysis. The MAS platform
2. Enric Serradell-Lopez, Pablo Lara Navarra, David Castillo Merino and Ines Gonzalez Gonzalez. Confidence-Based Learning in Investment Analysis
3. Allyson Eamer. Language teaching across the digital divide
4. Marco Ronchetti. The VOLARE methodology: using technology to help changing the traditional lecture model.
5. Antonio P. Volpentesta, Salvatore Ammirato and Francesco Sofo. Experiential collaborative learning and preferential thinking
6. Abelardo Pardo, Iria Estevez-Ayres, Pablo Basanta-Val and Damaris Fuentes-Lorenzo. A Process for Improving Course Quality based on Mid-semester Feedback
7. Roberto Medeghini, Walter Fornasa and Giuseppe Vadala. Representations of disability. School and its cultural effects
8. Rania Ibrahim and Akila Sarirete. Student Development in Higher Education: A Constructivist Approach
9. Panagiotis Fotaris, Theodoros Mastoras, Ioannis Mavridis and Athanasios Manitsaris. Extending LMS to support IRT-based Assessment Test Calibration
10. John Vrettaros, Katerina Argiri, Pili Stavrou, Kostas Hrissagis and Athanasios Drigas. Evaluation Study of Pedagogical Methods and E – Learning Material Via Web for Hearing Impaired People

11. Maria Carme Boqué, Montserrat Alguacil and merce panellas. Integrated Design of Basic Training, Practicum and End-of-Course Assignment Modules in the Teacher Training Degree: Perception of university teachers, students, and teachers
12. Klaus Garber, Oskar Ausserer and Salvatore Giacomuzzi. New Learning – the IPP Programme: Improvements in Learning and Self Esteem by Changing the Organization of Learning

Track 5. The Open/Distance/Formal/ Informal/ and Life Long Learning Perspectives

1. Jordi Diaz Gibson and Mireia Civís Zaragoza. The study of Educative Network organizations in the city of Barcelona, Spain: The Nou Barris District
2. Jean-Marc Lezcano, Hatsuo Adachihara and Marc Prunier. Experimenting design and implementation of an educational services management system based on ISO/IEC standard
3. Jose Alberto Carmona, Moises Espinola, Adolfo J. Cangas and Luis Iribarne. Mii School: New D Technologies Applied in Education to Detect Drug Abuses and Bullying in Adolescents
4. Theresa Lobo. Legibility for Users with Visual Disabilities
5. Frieda Charalabopoulou. TELL (Technology-Enhanced Language Learning) and Less-Commonly Taught Languages: the case of Modern Greek
6. Gianluca Braga, Andrea Sterbini and Marco Temperini. A Threats Blocking Plug-in for Open Source Learning Management Systems
7. NIKOLAOS DOUKAS, ATHANASIOS DRIGAS and NIKOLAOS BARDIS. Design of an Interactive Game for Teaching War Ethics
8. ANNA KAMAKARI and ATHANASIOS DRIGAS. Video Conferencing and Knowledge Management in In-service Teacher Distance Lifelong Training and Development
9. Ana Iglesias, Lourdes Moreno, Javier Jiménez and Paloma Martínez. Supporting Teachers to Automatically Build Accessible Pedagogical Resources: The APEINTA Project
10. Maria Graciela Badilla and Meritxell Cortada. Digital Literacy Development of Students Involved in an ICT Educational Project
11. Mark Glynn, Richard Thorn and Ruan McLoughlin. New Insights and New Approaches for LifeLong Learning

12. Pellumb Kllogjeri and Bederiana Shyti. GEOGEBRA: A GLOBAL PLATFORM FOR TEACHING AND LEARNING MATH TOGETHER AND USING THE SYNERGY OF MATHEMATICIANS

13. Xhevrie Mamaqi, Pilar Olave and Jesus Miguel Alvarez. RECRUITMENT AND ROTATION OF THE TRAINERS IN THE LIFELONG LEARNING CONTEXT

Track 6. The Contribution of Education to Sustainable Development

1. Nicolae Nistor, Maximilian Wagner, Emese Istvanffy and Maria Dragota. The Unified Theory of Acceptance and Use of Technology: Verifying the model from a European perspective
2. Elena Arjona Perez and Kornelia Kozovska. Employability: challenges for Education and Training System
3. Tryfon Papadamou, Costas Gavrilakis, Costas Tsolakidis and Georgia Liarakou. Education for Sustainable Development through the use of the Second Life: the case of a virtual museum for sharks
4. Maria J. Martinez-Argu"elles, Elisabet Ruiz-Dotras and Eva Rimbau-Gilabert. The academic advising system in a virtual university
5. Israel Gutierrez Rojas, Raquel Crespo, Derick Leony, Abelardo Pardo and Carlos Delgado Kloos. Course evaluation study in Europe: the current picture
6. Carmen Guillen Diaz and Maria Teresa Blasco Quilez. The Challenges of Digital Literacy in the context of the Spanish government Educational Policies. The Statement of the Question.
7. Paulina Mitrea and Delia Mitrea. The Role that Web currently has and could have in the future in supporting the teaching of ICT Design For All
8. Frederique Frossard, Anna Trifonova and Mario Barajas Frutos. Evolutionary Approach of Virtual Communities of Practice: a Reflection within a Network of Spanish Rural Schools
9. Theresa De Lobo. Design Education in the Global Era

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	Aristotle Room (upper level John S. Bailey Library) TRACKS 1-2-6	Plato Room (7th floor main building Deree College) TRACKS 3-4-5
9:30-10:00	PLENARY SESSION – WELCOME SESSION	
10:00-12:00	TRACK 1. 1. Astrid Sandas and Faye Benedict. Challenges of implementing ESD in the education sector; experiences in Norway 2. John Biggam. Using Automated Assessment Feedback to Enhance the Quality of Student Learning in Universities: A Case Study 3. David Castillo, Enric Serradell and Ines GonzAlez. ICT Uses and Efficiency in Higher Education: an Analysis of the Students' Performance Determinants in Online Courses using Structural Equations 4. Pablo Murta Baia~o Albino and Jose Enrique ArmendAriz-Itigo. On the Utility of ICT in the European Higher Education Area: the Bologna Process and its Implications in the Innovation of the Teaching & Learning Process 5. Constanta N. Bodea, Maria Dascalu and Melania Coman. Quality of Project	TRACK 3. (6 PAPERS) 1. Albert Angehrn and Katrina Maxwell. EduSynergy: A Simulation-based Change Management Experience for Higher Education Institutions 2. Rugayah Gy Hashim, Hashim Ahmad and Nor 'Aini Ahmad. Assessment of Andragogical Attributes of Distance Learners 3. Vassilios Dagdilelis and Ioannis Papadopoulos. Didactic Scenarios and ICT: a good practice guide 4. Meritxell Cortada, Maria Graciela Badilla and Jordi Riera. Interactive Whiteboard Integration in classrooms: Active Teachers Understanding about their Training Process

	<p>Management Education and Training Programmes</p> <p>6. Roberto Guidorzi. Quality of Higher Education: The challenge of Enhanced Learning Methodologies</p>	<p>5. Yossi Raanan, David Bregman and Gila Keinan. Teaching Business Simulation Games: Comparing Achievements Frontal Teaching vs. eLearning</p> <p>6. Ana Belen GonzAlez Rogado, Ma Jose Rodriguez Conde, Susana Olmos MiguelAnez, Blanca Garcia Riaza and Francisco Jose Garcia Penalvo. Efficiency assessment of a blended-learning educational methodology in engineering</p>
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	<p>3. Tryfon Papadamou, Costas Gavrilakis, Costas Tsolakidis and Georgia Liarakou. Education for Sustainable Development through the use of the Second Life: the case of a virtual museum for sharks</p> <p>4. Maria J. Martinez-Argu"elles, Elisabet Ruiz-Dotras and Eva Rimbau-Gilabert. The academic advising system in a virtual university</p> <p>5. Israel Gutierrez Rojas, Raquel Crespo, Derick Leony, Abelardo Pardo and Carlos Delgado Kloos. Course evaluation study in Europe: the current picture</p> <p>6. Carmen Guillen Diaz and Maria Teresa Blasco Quilez. The Challenges of Digital Literacy in the context of the Spanish government Educational Policies. The Statement of the Question.</p>	<p>for Hearing Impaired People</p> <p>3. Maria Carme Boque, Montserrat Alguacil and merce panellas. Integrated Design of Basic Training, Practicum and End-of-Course Assignment Modules in the Teacher Training Degree: Perception of university teachers, students, and teachers</p> <p>4. Klaus Garber, Oskar Ausserer and Salvatore Giacomuzzi. New Learning – the IPP Programme: Improvements in Learning and Self Esteem by Changing the Organization of Learning</p> <p>TRACK 5 (3 PAPERS)</p> <p>1. Jordi Diaz Gibson and Mireia Civis Zaragoza. The study of Educative Network organizations in the city of Barcelona, Spain: The Nou Barris District</p> <p>2. Jean-Marc Lezcano, Hatsuo Adachihara and Marc Prunier. Experimenting design and implementation of an educational services management system based on ISO/IEC standard</p> <p>3. Jose Alberto Carmona, Moises Espinola, Adolfo J. Cangas and Luis Iribarne. Mii School: New D Technologies Applied in Education to Detect Drug Abuses and Bullying in Adolescents</p>
17:00-17:20	Coffee Break	Coffee Break

17:20-19:30	<p>Track 6 (3 PAPERS)</p> <ol style="list-style-type: none"> 1. Paulina Mitrea and Delia Mitrea. The Role that Web currently has and could have in the future in supporting the teaching of ICT Design For All 2. Frederique Frossard, Anna Trifonova and Mario Barajas Frutos. Evolutionary Approach of Virtual Communities of Practice: a Reflection within a Network of Spanish Rural Schools 3. Theresa De Lobo. Design Education in the Global Era <p>TRACK 5 (3 PAPERS)</p> <ol style="list-style-type: none"> 1. Mark Glynn, Richard Thorn and Ruan McLoughlin. New Insights and New Approaches for LifeLong Learning 2. Pellumb Kllogjeri and Bederiana Shyti. GEOGEBRA: A GLOBAL PLATFORM FOR TEACHING AND LEARNING MATH TOGETHER AND USING THE SYNERGY OF MATHEMATICIANS 3. Xhevrie Mamaqi, Pilar Olave and Jesus Miguel Alvarez. RECRUITMENT AND ROTATION OF THE TRAINERS IN THE LIFELONG LEARNING CONTEXT 	<p>TRACK 5 (7 PAPERS)</p> <ol style="list-style-type: none"> 1. Theresa Lobo. Legibility for Users with Visual Disabilities 2. Frieda Charalabopoulou. TELL (Technology-Enhanced Language Learning) and Less-Commonly Taught Languages: the case of Modern Greek 3. Gianluca Braga, Andrea Sterbini and Marco Temperini. A Threats Blocking Plug-in for Open Source Learning Management Systems 4. NIKOLAOS DOUKAS, ATHANASIOS DRIGAS and NIKOLAOS BARDIS. Design of an Interactive Game for Teaching War Ethics 5. ANNA KAMAKARI and ATHANASIOS DRIGAS. Video Conferencing and Knowledge Management in In-service Teacher Distance Lifelong Training and Development 6. Ana Iglesias, Lourdes Moreno, Javier Jimenez and Paloma Martinez. Supporting Teachers to Automatically Build Accessible Pedagogical Resources: The APEINTA Project 7. Maria Graciela Badilla and Meritxell Cortada. Digital Literacy Development of Students Involved in an ICT Educational Project
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TECH-EDUCATION 2010

1ST International Conference on Technology Enhanced Learning, Quality of Teaching and Reforming of Education

May 19-21, Athens, Greece

Thursday 20/5/2010

20:30 "Gala Dinner", PIRAEUS

Friday 21/5/2010

9:30: Excursion