

EAEIE09 TECHNICAL PROGRAM

DAY 1 (MONDAY 22 JUNE 2009)		
08.00 a.m. – 09.00 a.m.	Registration & Welcoming Reception	
09.00 a.m. – 10.30 a.m.	Opening Ceremony and Welcome Keynote Speech (Lueny Morell, HP) “The imperative to REFORM Engineering and Technology education for economic development”	
10.30 a.m. – 11.00 a.m.	<i>Coffee Break</i>	
11.00 a.m. – 12.20 p.m.	Parallel Sessions [M1]	
	<p style="text-align: center;">Room 0.2 – M1A INNOVATION</p> <p>Learning through Software Development Projects in Heterogenous Groups <i>Stephan Repp, Christoph Meinel Hasso-Plattner</i> Navigation Systems Teaching Method Based on Multidisciplinary Practicals <i>Felipe Jiménez, José Eugenio Naranjo, Óscar Gómez</i> Misconceptions about the Propagation of Sound Waves <i>Cristina Periago, Arcadi Pejuan, Xavier Jaén, Xavier Bohigas</i> Identification and control of a variable-speed drive: an interdisciplinary teaching approach <i>Serge Bouter, Rachid Malti, Camille Armand</i></p>	<p style="text-align: center;">Room 0.3 – M1B TEACHING RESOURCES</p> <p>Real, Virtual, Simulated and Remote Experiments for Electrical Engineering Education <i>Dorin Popescu, Dan Selisteanu, Qinghao Meng, Livia Carmen Popescu</i> Providing Self-learning to Students of Highly Attended Electronics Courses through the Remote Access to a Microelectronics Laboratory <i>Marisa López-Vallejo, Ángel Fernández Herrero, Pablo Ituero and Gabriel Caffarena</i> Investigation on X-ray images in magneto therapy <i>Dimitar Tz. Dimitrov, Veska M. Georgieva</i> Using Digital-ink Technologies to Support Teaching on Computer Networks Courses <i>Lenin G. Lemus Zúñiga, Pablo Torrejón Cabello, José V. Benlloch Dualde, Félix Buendía García</i></p>
12.20 p.m. – 13.20 p.m.	Parallel Sessions [M2]	
	<p style="text-align: center;">Room 0.2 – M2A INNOVATION</p> <p>A Modular Curriculum in Electronics Based on Integration of the Basic and Engineering Studies <i>Heikki Valmu</i> Motivating students to study the basics of electronic engineering in the world full of electronics <i>Anna Friesel</i> Semi-Virtual Lectures on Physics <i>Cristina Periago, Arcadi Pejuan, Xavier Jaén, Xavier Bohigas</i></p>	<p style="text-align: center;">Room 0.3 – M2B ICT APPLICATIONS</p> <p>Multimedia Support in the Field of Interdisciplinary Education <i>Vladana Djordjevic, Vaclav Gerla, Michal Huptych, Lenka Lhotska, Vladimir Krajca</i> Creating Interactive Learning Objects with Web Services <i>Tarmo Robal, Ahto Kalja</i> The Effect of Time and Place Dependence When Utilizing Video Lectures <i>Ismo Hakala</i></p>
13.20 p.m. – 14.40 p.m.	<i>Lunch</i>	

14.40 p.m. – 16.00 p.m.	Parallel Sessions [M3]	
	<p style="text-align: center;">Room 0.2 – M3A</p> <p style="text-align: center;">VIRTUAL ENVIRONMENTS</p> <p>Microcontroller Systems Simulation Software: a Powerful Tool for Electronic Technology Teaching <i>Eduardo Garcia-Breijo, Luis Gil Sanchez, Javier Ibañez Civera, Miguel Alcañiz Fillol, Rafael Masot Peris</i></p> <p>Virtual Laboratories and their Implementation <i>Josep Cuartero-Olivera, Antoni Pérez-Navarro</i></p> <p>Virtual and Remote Laboratory of the Ball and Beam System <i>José Luis Díez, Marina Vallés, Ángel Valera</i></p> <p>Development of Remote Laboratory Experiences in Microelectronics and Intelligent Instrumentation <i>B. Calvo, N. Medrano, S. Celma, C. Aldea</i></p>	<p style="text-align: center;">Room 0.3 – M3B</p> <p style="text-align: center;">EVALUATION&QUALITY</p> <p>Proposal of a Quality Model for Educational Software <i>I. Plaza, R. Igual, J.J. Marcuello, S.Sanchez, F. Arcega</i></p> <p>A student-centered learning model applied in an introductory Software Engineering course <i>Francisco J. García Peñalvo</i></p> <p>Adaptive Integral Assessment Package for the A2UN@ Project <i>Beatriz E. Florián G., Silvia M. Baldiris, Ramón Fabregat Gesa</i></p>
16.00 p.m. – 16.30 p.m.	<p><i>Poster Session 1 - Coffee Break</i></p> <p>ICT tools for the European High Education Area adaptation. An experience on Optical Communication subjects <i>Daniel Pastor Abellán, Alfonso Martínez García</i></p> <p>Blogs and use of multimedia objects to teach Industrial Informatics <i>Escolar L., Martínez J., Duato J., Albaladejo J. Domínguez C., López P., Perles A, Hassan M.</i></p> <p>Reusable Learning Objects and Constructivism <i>Sanz , I., Sanz-Berzosa, M^ªD, Torralba-Martinez, J. M^a</i></p> <p>A New Teaching Material for the Subject Estructuras Matemáticas para Informática 2 <i>Cristina Jordán, Patricia López, Amadeo Iborra</i></p> <p>Using graphics: motivating students in a C++ programming introductory course <i>Garrido, A., Martínez-Baena, J., Rodríguez-Sanchez, R., Fdez-Valdivia, J., Garcia, J. A.</i></p> <p>Active pedagogy: A practical experiment at the Institut Universitaire de Technologie Bordeaux <i>Hélène Frémont, Gérard Couturier, Claude Pellet, Laurent Béchou</i></p>	
16.30 p.m. – 17.30 p.m.	Parallel Sessions [M4]	
	<p style="text-align: center;">Room 0.2 – M4A</p> <p style="text-align: center;">INDUSTRY COOPERATION</p> <p>Millimeter-Wave and Power Characterization for Integrated Circuits <i>M. de Matos, E. Kerhervé, H. Lapuyade, J-B. Begueret, Y. Deval</i></p> <p>Development and Test of an Antenna Simulator for Transmitter-Receiver Radio P/PRC525 <i>Ángelo Silva, A. J. Serralheiro, Maria João Martins, Moisés S. Piedade</i></p> <p>Cooperation with IT Companies at CherkasyState Technological University <i>Hryhoriy Zaspa, Olena Danchenko</i></p>	<p style="text-align: center;">Room 0.3 – M4B</p> <p style="text-align: center;">ICT APPLICATIONS</p> <p>CHARLIE: An AIML-based Chatterbot which Works as an Interface among INES and Humans <i>Fernando A. Mikic, Juan C. Burguillo, Martín Llamas, Daniel A. Rodríguez, Eduardo Rodríguez</i></p> <p>Accurate Knowledge Evaluation by Deep Datamining in Telecommunication Engineering Studies <i>Roberto Llorente, Maria Morant</i></p> <p>Interdisciplinary Projects in Teaching “Microprocessor Systems” <i>Nina Bencheva Nikolay Kostadinov Yoana Ruseva</i></p>

DAY 2 (TUESDAY 23 JUNE 2009)						
08.30 a.m. – 09.00 a.m.	Registration					
09.00 a.m. – 10.20 p.m.	Parallel Sessions [T1]					
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%; text-align: center;">Room 0.2 – T1A INNOVATION</th> <th style="width: 50%; text-align: center;">Room 0.3 – T1B TEACHING RESOURCES</th> </tr> </thead> <tbody> <tr> <td> Tailoring Project-Based Learning for a Communications Engineering Course <i>José A. López-Salcedo, Gonzalo Seco-Granados</i> ARaCS: Educational Software for Radio Channel Characterization with Swept-Time Delay Crosscorrelation Sounders <i>Ana Vazquez Alejos, Manuel Garcia Sanchez, Iñigo Cuiñas</i> Mixing Collaborative Learning Techniques for Practice Evaluation in Networking <i>Miguel Garcia1, Hugo Coll, Miguel Edo, Jaime Lloret</i> Software Tool for the Understanding of Parametric Oscillations <i>Franco Ramirez, Almudena Suárez, Sergio Sancho</i> </td> <td> Application in Optical Communications Courses of tools for the Visualization and Numerical Calculation of Guided Waves and Dispersion Effects in Step-Index Fibres <i>Samuel Ver Hoeye</i> Final Year Projects in Electrical and Information Engineering: Tips for Students and Supervisors <i>Maximo Cobos, Sandra Roger, Jose J. Lopez and Alberto Gonzalez</i> 3D Animations Used for Teaching <i>F. M. Gómez-Campos, S. Rodríguez-Bolívar, A. Luque-Rodríguez, J. A. López-Villanueva, J. A. Jiménez-Tejada, P. Lara-Bullejos, J. E. Carceller</i> A playful approach for learning Intelligent Systems in Engineering <i>Carlos A. Iglesias, Mercedes Garijo and Francisco Santiago</i> </td> </tr> </tbody> </table>	Room 0.2 – T1A INNOVATION	Room 0.3 – T1B TEACHING RESOURCES	Tailoring Project-Based Learning for a Communications Engineering Course <i>José A. López-Salcedo, Gonzalo Seco-Granados</i> ARaCS: Educational Software for Radio Channel Characterization with Swept-Time Delay Crosscorrelation Sounders <i>Ana Vazquez Alejos, Manuel Garcia Sanchez, Iñigo Cuiñas</i> Mixing Collaborative Learning Techniques for Practice Evaluation in Networking <i>Miguel Garcia1, Hugo Coll, Miguel Edo, Jaime Lloret</i> Software Tool for the Understanding of Parametric Oscillations <i>Franco Ramirez, Almudena Suárez, Sergio Sancho</i>	Application in Optical Communications Courses of tools for the Visualization and Numerical Calculation of Guided Waves and Dispersion Effects in Step-Index Fibres <i>Samuel Ver Hoeye</i> Final Year Projects in Electrical and Information Engineering: Tips for Students and Supervisors <i>Maximo Cobos, Sandra Roger, Jose J. Lopez and Alberto Gonzalez</i> 3D Animations Used for Teaching <i>F. M. Gómez-Campos, S. Rodríguez-Bolívar, A. Luque-Rodríguez, J. A. López-Villanueva, J. A. Jiménez-Tejada, P. Lara-Bullejos, J. E. Carceller</i> A playful approach for learning Intelligent Systems in Engineering <i>Carlos A. Iglesias, Mercedes Garijo and Francisco Santiago</i>	
Room 0.2 – T1A INNOVATION	Room 0.3 – T1B TEACHING RESOURCES					
Tailoring Project-Based Learning for a Communications Engineering Course <i>José A. López-Salcedo, Gonzalo Seco-Granados</i> ARaCS: Educational Software for Radio Channel Characterization with Swept-Time Delay Crosscorrelation Sounders <i>Ana Vazquez Alejos, Manuel Garcia Sanchez, Iñigo Cuiñas</i> Mixing Collaborative Learning Techniques for Practice Evaluation in Networking <i>Miguel Garcia1, Hugo Coll, Miguel Edo, Jaime Lloret</i> Software Tool for the Understanding of Parametric Oscillations <i>Franco Ramirez, Almudena Suárez, Sergio Sancho</i>	Application in Optical Communications Courses of tools for the Visualization and Numerical Calculation of Guided Waves and Dispersion Effects in Step-Index Fibres <i>Samuel Ver Hoeye</i> Final Year Projects in Electrical and Information Engineering: Tips for Students and Supervisors <i>Maximo Cobos, Sandra Roger, Jose J. Lopez and Alberto Gonzalez</i> 3D Animations Used for Teaching <i>F. M. Gómez-Campos, S. Rodríguez-Bolívar, A. Luque-Rodríguez, J. A. López-Villanueva, J. A. Jiménez-Tejada, P. Lara-Bullejos, J. E. Carceller</i> A playful approach for learning Intelligent Systems in Engineering <i>Carlos A. Iglesias, Mercedes Garijo and Francisco Santiago</i>					
10.20 a.m. – 10.50 a.m.	<i>Coffee Break</i>					
10.50 a.m. – 13.50 p.m.	Parallel Workshops [T2]					
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%; text-align: center;">Workshop – T2A</th> <th style="width: 50%; text-align: center;">Workshop – T2B</th> </tr> </thead> <tbody> <tr> <td> Project Based Learning <i>Miguel Valero-García. Technical University of Catalonia, Barcelona</i> </td> <td> Tablet PC and digital ink in blended-learning environments <i>Oscar Martínez Bonastre. Univ. Miguel Hernández, Elche</i> </td> </tr> <tr> <td style="text-align: center;">Room1.5 Building 1G (ETSIAP)</td> <td style="text-align: center;">Room1.6 Building 1G (ETSIAP)</td> </tr> </tbody> </table>	Workshop – T2A	Workshop – T2B	Project Based Learning <i>Miguel Valero-García. Technical University of Catalonia, Barcelona</i>	Tablet PC and digital ink in blended-learning environments <i>Oscar Martínez Bonastre. Univ. Miguel Hernández, Elche</i>	Room1.5 Building 1G (ETSIAP)
Workshop – T2A	Workshop – T2B					
Project Based Learning <i>Miguel Valero-García. Technical University of Catalonia, Barcelona</i>	Tablet PC and digital ink in blended-learning environments <i>Oscar Martínez Bonastre. Univ. Miguel Hernández, Elche</i>					
Room1.5 Building 1G (ETSIAP)	Room1.6 Building 1G (ETSIAP)					
13.50 p.m. – 15.00 p.m.	<i>Lunch</i>					
15.00 p.m. – 16.00 p.m.	Parallel Sessions [T3]					
	<table border="1" style="width: 100%;"> <thead> <tr> <th style="width: 50%; text-align: center;">Room 0.2 – T3A INNOVATION</th> <th style="width: 50%; text-align: center;">Room 0.3 – T3B ICT APPLICATIONS</th> </tr> </thead> <tbody> <tr> <td> A Supporting Plan for Freshmen at The Faculty of Computer Science of Valencia <i>R.M. Alcover, M.J. Castro-Bleda, J.A. Ontalba-Ruipérez, E. Sanabria-Codesal, A. Terrasa, E. Vendrell</i> EIE Education Restructuring Due to Social Changes <i>Jaromír Hrad</i> An Approach for Teaching Software Engineering through Reverse Engineering <i>Cristóbal Costa-Soria, Manuel Llavador, María del Carmen Penadés</i> </td> <td> A platform designed to motivate the autonomous learning about Computer Architectures <i>S. García-Galán, J. E. Muñoz-Expósito, R. Viciano Abad, A. J. Yuste, N. Ruiz-Reyes, P. Vera Candéas</i> Teaching Research in the Laboratory Using Diagnosis Environment for Digital Systems <i>Sergei Kostin, Raimund Ubar, Jaan Raik, Margit Aarna, Marina Brik</i> Learning Content Production with XML and Java <i>Alberto González Téllez</i> </td> </tr> </tbody> </table>	Room 0.2 – T3A INNOVATION	Room 0.3 – T3B ICT APPLICATIONS	A Supporting Plan for Freshmen at The Faculty of Computer Science of Valencia <i>R.M. Alcover, M.J. Castro-Bleda, J.A. Ontalba-Ruipérez, E. Sanabria-Codesal, A. Terrasa, E. Vendrell</i> EIE Education Restructuring Due to Social Changes <i>Jaromír Hrad</i> An Approach for Teaching Software Engineering through Reverse Engineering <i>Cristóbal Costa-Soria, Manuel Llavador, María del Carmen Penadés</i>	A platform designed to motivate the autonomous learning about Computer Architectures <i>S. García-Galán, J. E. Muñoz-Expósito, R. Viciano Abad, A. J. Yuste, N. Ruiz-Reyes, P. Vera Candéas</i> Teaching Research in the Laboratory Using Diagnosis Environment for Digital Systems <i>Sergei Kostin, Raimund Ubar, Jaan Raik, Margit Aarna, Marina Brik</i> Learning Content Production with XML and Java <i>Alberto González Téllez</i>	
Room 0.2 – T3A INNOVATION	Room 0.3 – T3B ICT APPLICATIONS					
A Supporting Plan for Freshmen at The Faculty of Computer Science of Valencia <i>R.M. Alcover, M.J. Castro-Bleda, J.A. Ontalba-Ruipérez, E. Sanabria-Codesal, A. Terrasa, E. Vendrell</i> EIE Education Restructuring Due to Social Changes <i>Jaromír Hrad</i> An Approach for Teaching Software Engineering through Reverse Engineering <i>Cristóbal Costa-Soria, Manuel Llavador, María del Carmen Penadés</i>	A platform designed to motivate the autonomous learning about Computer Architectures <i>S. García-Galán, J. E. Muñoz-Expósito, R. Viciano Abad, A. J. Yuste, N. Ruiz-Reyes, P. Vera Candéas</i> Teaching Research in the Laboratory Using Diagnosis Environment for Digital Systems <i>Sergei Kostin, Raimund Ubar, Jaan Raik, Margit Aarna, Marina Brik</i> Learning Content Production with XML and Java <i>Alberto González Téllez</i>					

<p>16.00 p.m. – 16.30 p.m.</p>	<p style="text-align: center;"><i>Poster Session 2 - Coffee Break</i></p> <p>Necessity of philosophical dimension in technological studies <i>Tsirigotis Georgios, Papadourakis Giorgos, Karasavoglou Anastasios, Tony Ward</i></p> <p>The European Virtual Centre for Entrepreneurship – An ELLEIEC Project Deliverable <i>Anthony Ward, Hamed Yahoui</i></p> <p>Cultural Awareness in Information Society <i>Tatjana Welzer</i></p> <p>Results and dissemination of the EIE-Surveyor thematic network <i>J.M. Thiriet, A. E. Ward, M. J. Martins, D. Deniz, D. Pasquet, M. Hoffmann, H. Fremont, H. Yahoui, O. Bonnaud, M. Robert, J. Barsics, J.V. Benlloch-Dualde</i></p> <p>PBL for Electrical, Instrumentation Science and IT Engineering Students – Experience from Germany, India and Norway <i>Josef Timmerberg, Shubhada K. Adhi, Saba Mylvaganam</i></p> <p>Experience of Educating Electrical and IT Engineers with a Global Perspective <i>Josef Timmerberg , Sanjeev Sonawane, Saba Mylvaganam</i></p>			
<p>16.30 p.m. – 17.30 p.m.</p>	<p style="text-align: center;">Parallel Sessions [T4]</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td data-bbox="539 734 1023 1238" style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Room 0.2 – T4A INNOVATION</p> <p>An Experience about Collaborative Learning in an Engineering Course belonging to “Dependency and Equality in Personal Autonomy” Master <i>P. Reche-López, P. Vera-Candeas, R. Mata-Campos, N. Ruiz-Reyes</i></p> <p>Simulation Tools for Active Learning in Robot Control and Programming <i>G. López-Nicolás, A. Romeo, J. J. Guerrero</i></p> <p>Practical learning and research in the subject “Fuel Cells as an Alternative to Power Generation” <i>A. Martínez-Felipe, R. Teruel-Juanes, A. Montes-Hernando, E. Ballester-Sarrias, A. Ribes-Greus</i></p> </td> <td data-bbox="1023 734 1501 1238" style="width: 50%; vertical-align: top;"> <p style="text-align: center;">Room 0.3 – T4B EVALUATION&QUALITY</p> <p>Missions and evaluation criteria of doctoral studies in Electrical and Information Engineering in the frame of European Higher Education Area <i>Olivier Bonnaud</i></p> <p>A Feedback from the Graduates as a Basis of Quality of Education Assessment. Case-study Research at Lublin University of Technology <i>Andrzej Wac-Włodarczyk, Piotr Billewicz</i></p> <p>Guide for the Final Year Project Assessment in Telecommunications and Computer Engineering <i>Gonzalo Seco-Granados, Ramón Vilanova, Asunción Moreno, Mercedes Rullán, Elena Valderrama</i></p> </td> </tr> </table>		<p style="text-align: center;">Room 0.2 – T4A INNOVATION</p> <p>An Experience about Collaborative Learning in an Engineering Course belonging to “Dependency and Equality in Personal Autonomy” Master <i>P. Reche-López, P. Vera-Candeas, R. Mata-Campos, N. Ruiz-Reyes</i></p> <p>Simulation Tools for Active Learning in Robot Control and Programming <i>G. López-Nicolás, A. Romeo, J. J. Guerrero</i></p> <p>Practical learning and research in the subject “Fuel Cells as an Alternative to Power Generation” <i>A. Martínez-Felipe, R. Teruel-Juanes, A. Montes-Hernando, E. Ballester-Sarrias, A. Ribes-Greus</i></p>	<p style="text-align: center;">Room 0.3 – T4B EVALUATION&QUALITY</p> <p>Missions and evaluation criteria of doctoral studies in Electrical and Information Engineering in the frame of European Higher Education Area <i>Olivier Bonnaud</i></p> <p>A Feedback from the Graduates as a Basis of Quality of Education Assessment. Case-study Research at Lublin University of Technology <i>Andrzej Wac-Włodarczyk, Piotr Billewicz</i></p> <p>Guide for the Final Year Project Assessment in Telecommunications and Computer Engineering <i>Gonzalo Seco-Granados, Ramón Vilanova, Asunción Moreno, Mercedes Rullán, Elena Valderrama</i></p>
<p style="text-align: center;">Room 0.2 – T4A INNOVATION</p> <p>An Experience about Collaborative Learning in an Engineering Course belonging to “Dependency and Equality in Personal Autonomy” Master <i>P. Reche-López, P. Vera-Candeas, R. Mata-Campos, N. Ruiz-Reyes</i></p> <p>Simulation Tools for Active Learning in Robot Control and Programming <i>G. López-Nicolás, A. Romeo, J. J. Guerrero</i></p> <p>Practical learning and research in the subject “Fuel Cells as an Alternative to Power Generation” <i>A. Martínez-Felipe, R. Teruel-Juanes, A. Montes-Hernando, E. Ballester-Sarrias, A. Ribes-Greus</i></p>	<p style="text-align: center;">Room 0.3 – T4B EVALUATION&QUALITY</p> <p>Missions and evaluation criteria of doctoral studies in Electrical and Information Engineering in the frame of European Higher Education Area <i>Olivier Bonnaud</i></p> <p>A Feedback from the Graduates as a Basis of Quality of Education Assessment. Case-study Research at Lublin University of Technology <i>Andrzej Wac-Włodarczyk, Piotr Billewicz</i></p> <p>Guide for the Final Year Project Assessment in Telecommunications and Computer Engineering <i>Gonzalo Seco-Granados, Ramón Vilanova, Asunción Moreno, Mercedes Rullán, Elena Valderrama</i></p>			

DAY 3 (WEDNESDAY 24 JUNE 2009)		
09.00 a.m. – 09.30 a.m.	Registration	
09.30 a.m. – 10.30 a.m.	Keynote Speech (Domingo Docampo, Univ. Vigo) “ARWU based International Comparisons in Higher Education Quality”	
10.30 a.m. – 11.00 a.m.	<i>Coffee Break</i>	
11.00 a.m. – 13.00 p.m.	Parallel Sessions [W1]	
	Room 0.2 – W1A EUROTRAINING The Nanoelectronics Training Roadmap of EuroTraining <i>Zsolt Illyefalvi-Vitéz, Hervé Fanet</i> University Curricula in Nanoelectronics <i>Erik Bruun, Ivan Ring Nielsen</i> A joint European Master Degree in Micro & Nano Technologies <i>Pierluigi Civera, Danilo Demarchi, Fabrizio Pirri</i> Nanoelectronics curricula at TUM <i>Paolo Lugli#1, Jonathan Finley</i>	Room 0.3 – W1B INTERNATIONAL Multinational Undergraduate Team Work: Collaborative Learning in International Teams <i>Nuno Escudeiro, Paula Escudeiro, Ana Barata</i> Real-Time Software-Intensive Systems Engineering: An International Perspective <i>Miroslav Sveda, Andrew J.Kornecki, Thomas B.Hilburn, Wojciech Grega, Jean-Marc Thiriet, Ondrej Rysavy</i> Multidisciplinary and International Projects <i>Manuel Fernández, Divina Gracia, Houcine Hassan, Enrique Ballester</i> Methodology for Creation of Multidisciplinary, Transatlantic Engineering Program in Information Technology <i>Wojciech Grega, Tom Hilburn, Andrew J. Kornecki, Ondrej Rysavy, Miroslav Sveda Jean-Marc Thiriet</i> A Sectoral Qualification Framework for Engineers and Computer Scientists <i>Michael H.W. Hoffmann, Jürgen Grünberg, Manfred Hampe, Hans-Ulrich Heiß, Gerhard Müller, Heike Schmitt</i> From Tacit to Acknowledged Knowledge <i>Jouni Ikonen, Harri Hämäläinen, Satu Alaoutinen, Kari Heikkinen, Jari Porras</i>
13.00 p.m. – 14.30 p.m.	<i>Lunch</i>	

Parallel Sessions [W2]					
14.30 p.m. – 15.50 p.m.	<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Room 0.2 – W3A E-LEARNING</th> <th style="text-align: center;">Room 0.3 – W3B EVALUATION&QUALITY</th> </tr> </thead> <tbody> <tr> <td style="vertical-align: top;"> <p>Comparing open-source e-learning platforms from adaptivity point of view <i>N. Ruiz Reyes, P. Vera Candéas, S. García Galán, R. Viciano, F. Cañadas, P.J. Reche</i></p> <p>Interactive Smith Chart for Microwave Engineering Students <i>Francisco Ramos</i></p> <p>Lighting Design Course in an Electrical Engineering Programme Using Problem-Based Learning <i>M. M. Travassos Valdez, C. I. Faustino Agreira, C. Machado Ferreira, F. P. Maciel Barbosa</i></p> <p>Designing Context-Aware Adaptive Units of Learning Based on IMS-LD Standard <i>Sergio Gómez, David Huerva, Carolina Mejía, Silvia Baldiris, Ramón Fabregat</i></p> </td> <td style="vertical-align: top;"> <p>Improving the Evaluation of Concept Maps: a Step-by-step Analysis <i>Carlos T. Calafate, Juan-Carlos Cano, Pietro Manzoni</i></p> <p>Outcome Analysis of Bachelor and Master Curricula in Electrical Engineering and Computing <i>Hans-Ulrich Heiss, Cornelia Raue</i></p> <p>Curricula Design Flow with Embedded Accreditation <i>Dante Del Corso, Muzio Gola, Maurizio Rebaudengo</i></p> <p>Gender Comparison — the Students' Feedback on Web Course “Electricity, Electronics and Environment” for the Senior Secondary School <i>Maarit Vesapuisto, Leena Korpinen, Timo Vekara</i></p> </td> </tr> </tbody> </table>	Room 0.2 – W3A E-LEARNING	Room 0.3 – W3B EVALUATION&QUALITY	<p>Comparing open-source e-learning platforms from adaptivity point of view <i>N. Ruiz Reyes, P. Vera Candéas, S. García Galán, R. Viciano, F. Cañadas, P.J. Reche</i></p> <p>Interactive Smith Chart for Microwave Engineering Students <i>Francisco Ramos</i></p> <p>Lighting Design Course in an Electrical Engineering Programme Using Problem-Based Learning <i>M. M. Travassos Valdez, C. I. Faustino Agreira, C. Machado Ferreira, F. P. Maciel Barbosa</i></p> <p>Designing Context-Aware Adaptive Units of Learning Based on IMS-LD Standard <i>Sergio Gómez, David Huerva, Carolina Mejía, Silvia Baldiris, Ramón Fabregat</i></p>	<p>Improving the Evaluation of Concept Maps: a Step-by-step Analysis <i>Carlos T. Calafate, Juan-Carlos Cano, Pietro Manzoni</i></p> <p>Outcome Analysis of Bachelor and Master Curricula in Electrical Engineering and Computing <i>Hans-Ulrich Heiss, Cornelia Raue</i></p> <p>Curricula Design Flow with Embedded Accreditation <i>Dante Del Corso, Muzio Gola, Maurizio Rebaudengo</i></p> <p>Gender Comparison — the Students' Feedback on Web Course “Electricity, Electronics and Environment” for the Senior Secondary School <i>Maarit Vesapuisto, Leena Korpinen, Timo Vekara</i></p>
Room 0.2 – W3A E-LEARNING	Room 0.3 – W3B EVALUATION&QUALITY				
<p>Comparing open-source e-learning platforms from adaptivity point of view <i>N. Ruiz Reyes, P. Vera Candéas, S. García Galán, R. Viciano, F. Cañadas, P.J. Reche</i></p> <p>Interactive Smith Chart for Microwave Engineering Students <i>Francisco Ramos</i></p> <p>Lighting Design Course in an Electrical Engineering Programme Using Problem-Based Learning <i>M. M. Travassos Valdez, C. I. Faustino Agreira, C. Machado Ferreira, F. P. Maciel Barbosa</i></p> <p>Designing Context-Aware Adaptive Units of Learning Based on IMS-LD Standard <i>Sergio Gómez, David Huerva, Carolina Mejía, Silvia Baldiris, Ramón Fabregat</i></p>	<p>Improving the Evaluation of Concept Maps: a Step-by-step Analysis <i>Carlos T. Calafate, Juan-Carlos Cano, Pietro Manzoni</i></p> <p>Outcome Analysis of Bachelor and Master Curricula in Electrical Engineering and Computing <i>Hans-Ulrich Heiss, Cornelia Raue</i></p> <p>Curricula Design Flow with Embedded Accreditation <i>Dante Del Corso, Muzio Gola, Maurizio Rebaudengo</i></p> <p>Gender Comparison — the Students' Feedback on Web Course “Electricity, Electronics and Environment” for the Senior Secondary School <i>Maarit Vesapuisto, Leena Korpinen, Timo Vekara</i></p>				
15.50 p.m. – 17.00 p.m.	<i>Closing Session & Coffee Break</i>				
17.00 p.m. – 18.00 p.m.	<p>EAEIE Plenary Meeting</p> <p>EAEIE Council Meeting</p>				