FINAL logistics issues:

* EDUCON lunch on Wednesday 14 will be from 13:15 to 14:15 in the Restaurant of the Humanities building

* Please have this lunch timetable as there is a second lunch time for the TAEE 2010 conference (from 14:45 a 15:45)

* Coffees after the lunch as well as during the coffee breaks will be at the Main Room lobby of the Humanities building or in the Sciences building

* There is available a wi-fi network in the UNED EDUCON building the Wednesday 14

      - user UNED-EDUCON2010 - password upm2010UNED-EDUCON2010

FINAL LOCATION IEEE EDUCON 2010 CONFERENCE

Wednesday 14, CONFERENCE VENUE: UNED. Faculty of Humanities and Faculty of Sciences
Location: Campus "Senda del Rey", close to "Puente de los Franceses"
http://portal.uned.es/portal/page?_pageid=93,661190&_dad=portal&_schema=PORTAL
Shuttle buses from the Husa Princesa Hotel
http://www.hotelhusaprincesa.com/spanish/1024/index.htm
to the UNED's Conference venue will be running from 8:00 a.m.
Buses complete timetable to be confirmed shortly

Thursday 15, CONFERENCE VENUE: Avila's Conference Center (Centro de Congresos y Exposiciones Lienzo Norte de Ávila)
Location: Avenida de Madrid, 102 - 05001 Ávila
http://www.lienzonorte.es/
Buses departure to Avila at 8:00 a.m. from the Husa Princesa Hotel
http://www.hotelhusaprincesa.com/spanish/1024/index.htm
Bus transfer will be provided to the Husa Princesa Hotel after the Conference Gala Dinner around 23:00 p.m.

Friday 16, CONFERENCE VENUE: UPM. School of Forestry Engineering and UPM's Central Headquarters
Location: Campus of "Ciudad Universitaria"
http://www.upm.es/estaticos/mapas/detalle_mapa.html?x=40.450025&y=-3.72259&z=17
http://www-1.munimadrid.es/guia/visualizador/login.do?externalApp=true
Shuttle buses from the Husa Princesa Hotel
http://www.hotelhusaprincesa.com/spanish/1024/index.htm
to the UPM's Conference venue will be running from 8:00 a.m.
Buses complete timetable to be confirmed shortly.

Distribution of Sessions in EDUCON 2010

Session		Room						
		A	B	C	D	E	F	G
Wed - 14 - Humanities Building - UNED	11:00 - 12:00 Session:01	room H-A 01A	room H-B 01B	room H-Le 01C	room H-Fs 01D	room H-Ed 01E	room H-Fi 01F	room C-EL 01G
	12:15 - 13:15 Session:02	room H-A 02A	room H-B 02B	room H-Le 02C	room H-Fs 02D	room H-Ed 02E	room H-Fi 02F	room C-EL 02G
	14:30 - 15:30 Session:03	room H-A 03A	room H-B 03B	room H-Le 03C	room H-Fs 03D	room H-Ed 03F	room H-Fi 03G	room C-EL 03H
	15:45 - 16:45 Session:04	room H-A 04A	room H-B 04B	room H-Le 04C	room H-Fs 04D	room H-Ed 04E	room H-Fi 04F	room C-EL 04G
	17:00 - 18:30 Session:05	room C-EL 05A	room H-B 05B	room H-Le 05C	room H-Fs 05D	room H-Ed 05E	room H-Fi 05F	room H-M 05G
Thu - 15 - Conference Palace (Lienzo Norte) Ávila	09:30 - 10:30 Session:06	room A-C1 06A	room A-C2 06B	room A-C3 06D	room A-M1 06E			
	11:00 - 12:00 Session:07	room A-C1 07A	room A-C2 07B	room A-C3 07C	room A-M1 07D	room A-M2 07E		
	12:15 - 13:15 Session:08	room A-C1 08A	room A-C2 08B	room A-C3 08C	room A-M1 08D			
Fri - 16 - Forestry Building - UPM	09:30 - 10:30 Session:09	room M-2 09A	room M-G 09B	room M-FP 09C	room M-7 09D	room M-M 09E	room M-A3 09F	
	11:00 - 12:00 Session:10	room M-2 10A	room M-G 10B	room M-FP 10C	room M-M 10D	room M-7 10E	room M-A3 10F	
	12:15 - 13:15 Session:11	room M-2 11A	room M-G 11B	room M-FP 11C	room M-7 11D	room M-M 11E	room M-A3 11F	

Name of Sessions has been shown in next page

EDUCON 2010 FINAL TOPICS

Session	Code	Topic	N
01A	403B	Area 4: Learning Models - Competency and Teaching methodologies	4
01B	312B	Area 3: Specific Engineering Disciplines - Researches	4
01C	102A	Area 1: Collaborative and Social Technologies - Social Computing	4
01D	103A	Area 1: Computer and Web based Software - Web based services	3
01E	104A	Area 1: Computer Supported Collaborative Learning - For use in projects	4
01F	107A	Area 1: Intelligent Learning Systems	4
01G	305A	Area 3: First Year Courses and Programs	4
02A	311A	Area 3: Skills Development: Technical Writing, Presentation, Teamwork	3
02B	309B	Area 3: Knowledge and Competencies Management - Competencies	4
02C	206A	Area 2: Innovative Engineering Courses and Labs - Laboratories	4
02D	207A	Area 2: Laboratory Experiences: on-site and remote environments - Remote Labs	4
02E	512A	Area 5: Lifelong Learning and Nontraditional Students - Theories and Courses	4
02F	404A	Area 4: Pedagogies	4
02G	108A	Area 1: Learning Objects reusability and digital repositories	4
03A	205A	Area 2: Innovative Competitions and Laboratories - Detectors and robotics	4
03B	204A	Area 2: E-Assessment	4
03C	405B	Area 4: Rethinking Pedagogy in Engineering Education - Multidisciplinary issues	4
03D	103B	Area 1: Computer and Web based Software - Physics Applications	4
03E	115A	Area 1: Wireless, Mobile and Ubiquitous Technologies for Learning	4
03F	110A	Area 1: Open Source, Open Standards, and Federated Systems	4
03G	310A	Area 3: New Frameworks for Engineering Education	4
04A	403C	Area 4: Learning Models - Learning tools	4
04B	401A	Area 4: Active Learning - Project based learning	4
04C	209A	Area 2: Virtual Worlds for Academic, Organizational, Life-long Learning and training - Virtual environs	4
04D	402A	Area 4: e-Assessment and new Assessment Theories and Methodologies - Methods	4
04E	104B	Area 1: Computer Supported Collaborative Learning - Proposals and Methodologies	4
04F	303A	Area 3: Degree Programs and Curricula	4
04G	511A	Area 5: Gender Issues in Engineering Education	4
05A	109B	Area 1: Learning Systems Platforms and Architectures - Platforms and Learning Tools	5
05B	306B	Area 3: General Issues in Engineering Education - Improving students performance	5
05C	206B	Area 2: Innovative Engineering Courses and Labs - Courses	6
05D	103D	Area 1: Computer and Web based Software - Programming	6

Session	Code	Topic	N
05E	900B	Universia Special Session: International Engineering Cooperation	6
05F	900C	LiLa Special Session: Library of Labs - LILA Project	6
05G	900A	e-Madrid Special Session- eMadrid: Research and Development of e-Learning Technologies in the Madrid Region	6
06A	113A	Area 1: Uses of Technology in the Classroom - Engineering Applications	4
06B	312A	Area 3: Specific Engineering Disciplines - Practical projects in Engineering	4
06C	102B	Area 1: Collaborative and Social Technologies - Experiences	4
06D	900D	ICOPER Special Session: Assessing Assessment Formats - ICOPER Network	4
07A	205B	Area 2: Innovative Competitions and Laboratories - Digital, Communication and analytic issues	4
07B	309A	Area 3: Knowledge and Competencies Management - Knowledge	4
07C	405A	Area 4: Rethinking Pedagogy in Engineering Education - Project based learning and research	4
07D	207B	Area 2: Laboratory Experiences: on-site and remote environments - On-line Labs	4
07E	507A	Area 5: Attracting and Retaining practices in Engineering Education	4
08A	109A	Area 1: Learning Systems Platforms and Architectures - Virtual and Remote Labs	4
08B	401C	Area 4: Active Learning - Methodologies and analytic studies	4
08C	202A	Area 2: Design Experiences - Subject methodologies in design	4
08D	306C	Area 3: General Issues in Engineering Education - Innovative Experiences	4
09A	113B	Area 1: Uses of Technology in the Classroom - Learning Experiences	4
09B	401B	Area 4: Active Learning - Collaborative learning	4
09C	102C	Area 1: Collaborative and Social Technologies - Collaborative and projects works	4
09D	402B	Area 4: e-Assessment and new Assessment Theories and Methodologies - Theories	4
09E	900F	OCW-Universia Special Session: OCW and Open Educational Resources	3
09F	900H	VISIR Special Session: Workshop on VISIR electrical and electronic remote lab: Principles and educational view	1
10A	101A	Area 1: Adaptive and Personalized Technology-Enhanced Learning	4
10B	312C	Area 3: Specific Engineering Disciplines - Proffesional Developments	4
10C	209B	Area 2: Virtual Worlds for Academic, Organizational, Life-long Learning and training - Virtual media and tools	3
10D	900E	Telefónica Special Session: Telefonica University Chairs Network	4
10E	512B	Area 5: Lifelong Learning and Nontraditional Students - Practical experiences	4
10F	900K	VISIR Special Session: Workshop on VISIR electrical and electronic remote lab: Practical view	1
11A	403A	Area 4: Learning Models - Methods	4
11B	306A	Area 3: General Issues in Engineering Education - Theories and studies about learning layouts	3
11C	202B	Area 2: Design Experiences - Tools and procedures	4
11D	103E	Area 1: Computer and Web based Software - Security and Data Bases	4
11E	900G	ANECA Special Session: New Directions in Engineering Accreditation, Quality and Course Design	3
11F	207C	Area 2: Laboratory Experiences: on-site and remote environments - Didactics for experimentation	3
99		Non traditional presentations	2

Distribution of Chairs in EDUCON 2010

Session		A	B	C	D	E	F	G
					Room			
Wed - 14	11:00 - 12:00 Session:01	Trond Clausen	Ignacio Aedo	Russ Meier	Dale Carnegie	Baltasar Fernández Manjón	Claudio Brito da Rocha	Pablo Orduña
	12:15 - 13:15 Session:02	Pilar Sancho	Paloma Diaz	Akinori Nishihara	Ingvar Gustavsson	Melany Ciampi	Francisco Arcega	Miguel Rodriguez Artacho
	14:30 - 15:30 Session:03	Kimberly DeLong	Margarita Cabrera	Juan Peire	Jose Carpio	Russ Meier	Elio Sancristobal	Sergio Martin
	15:45 - 16:45 Session:04	Oscar Martinez	Raquel Crespo	Sigrid Schubert	Inmaculada Plaza	Salvador Ros	Rafael Pastor	Bonifacio Martin
	17:00 - 18:30 Session:05	Jesús G. Boticario	Alfonso Durán	Susan Lord	Carlos Medrano	Edmundo Tovar	Luis Bellido	Carlos Delgado Kloss
Thu - 15	09:30 - 10:30 Session:06	Jose Carlos Metrolho	Martín Llamas	Slavka Tzanova	Carlos Delgado Kloss			
	11:00 - 12:00 Session:07	Jose Salvado	Alfonso Pérez Gama	Andreas Pester	Al-Zoubi, Abdullah Y.	Jaime Irurzun		
	12:15 - 13:15 Session:08	Michael E. Auer	Craig Watterson	Nevena Mileva	Jaime Sánchez			
Fri - 16	09:30 - 10:30 Session:09	Cristhohe Gravier	Rachida Ajhoun	Marinela Garcia Fernandez	Fernando Pescador	Edmundo Tovar	Javier García-Zubía	
	11:00 - 12:00 Session:10	Doru Ursutiu	Cornel Samoila	Michael E. Auer	Fabián García Pastor	Gabriel Díaz	Javier García-Zubía	
	12:15 - 13:15 Session:11	Trond Clausen	Darryl N. Williams	Manuel Caeiro	Gabriel Díaz	Mudasser F. Wyne	Michael E. Auer	

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Distribution of Sessions in EDUCON 2010

Session		A	B	C	D	E	F	G
					Room			
Wed - 14	11:00 - 12:00 Session:01	403B	312B	102A	103A	104A	107A	305A
	12:15 - 13:15 Session:02	311A	309B	206A	207A	512A	404A	108A
	14:30 - 15:30 Session:03	205A	204A	405B	103B	115A	110A	310A
	15:45 - 16:45 Session:04	403C	401A	209A	402A	104B	303A	511A
	17:00 - 18:30 Session:05	109B	306B	206B	103D	900B	900C	900A
Thu - 15	09:30 - 10:30 Session:06	113A	312A	102B	900D			
	11:00 - 12:00 Session:07	205B	309A	405A	207B	507A		
	12:15 - 13:15 Session:08	109A	401C	202A	306C			
Fri - 16	09:30 - 10:30 Session:09	113B	401B	102C	402B	900F	900K	
	11:00 - 12:00 Session:10	101A	312C	209B	900E	512B	900H	
	12:15 - 13:15 Session:11	403A	306A	202B	103E	900G	207C	

Name of Sessions has been shown in next page

IEEE EDUCON 2010 FINAL SESSIONS PROGRAM

Wednesday, April 14th, 2010

8:00 - 14:00 - Registration Open - Humanities building - UNED

9:00 - 9:30 - EDUCON 2010 Opening Ceremony - room H - M - Humanities building - UNED

9:30 - 10:30 - Keynote Speaker Session - room H - M - Humanities building - UNED

Susan Lord - Professor and Coordinator of Electrical Engineering, University of San Diego, San Diego, CA, U.S.A. President of the IEEE Education Society	IEEE Education Society: Global Leader in Engineering Education

10:30 - 11:00 - Coffee Break - room H - M - Humanities building - UNED

11:00 - 12:00 - Session 1

Area 4: Learning Models - Competency and Teaching methodologies - Chairman: Trond Clausen - room H - A - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01A	Atif, Yacine	Competency-Based Pedagogical Wrapping	Atif, Yacine	UAE University (United Arab Emirates)
	Porta, Marcela	Consequences of the Declining Interest in Engineering Studies in Europe	Maillet, Katherine;Porta, Marcela	Telecom & Management Sud-Paris (France)
	Baladrón, Carlos	Adjunt Enterprise Professors in the European Higher Education Area	Aguiar, Javier M.;Baladrón, Carlos;Carro, Belén Sánchez, Antonio	Telefónica I+D (Spain);University of Valladolid (Spain)
	Coelho, Joao Vasco	Competence certification as a driver for professional development: A IT-related exploratory case-study	Coelho, Joao Vasco	ISCTE (Portugal)

11:00 - 12:00 - Session 1 (cont.) - Wednesday, April 14th, 2010

Area 3: Specific Engineering Disciplines - Researches - Chairman: Ignacio Aedo - room H - B - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01B	Garcia Campos, Rafael	Student Internship Placements. Improving the quality of engineering internship programs.	García Campos, Rafael;Puig i Bosch, Jordi	University of Girona (Spain)
	Machado, Felipe	A Project-Oriented Integral Curriculum on Electronics for Telecommunication Engineers	Arredondo, Belen;Borromeo, Susana;Machado, Felipe; Malpica, Norberto;Vaquero, Joaquin	University Rey Juan Carlos (Spain)
	Arcega Solsona, Francisco	Educational Research in Spain: A review through the Education Awards of CESEI - IEEE	Plaza, Inmaculada;Arcega Solsona, Francisco;Castro, Manuel;Llamas, Martín;Tovar, Edmundo;Díaz, Gabriel;Falcone, Francisco;Sánchez, José Ángel;Mur, Francisco;Caeiro, Manuel;Dominguez, Manuel;Pastor, Rafael;Sánchez, Francisco;Jurado, Francisco;Carpio, Jose	Directive of the Spanish Chapter of the Education Society of IEEE (Spain)
	Tzanova, Slavka	Training Microsystems Technologies in an European eLearning Environment	Codreanu, Norocel;Tzanova, Slavka	"Politechnica" University of Bucharest (Romania);Technical University of Sofia (Bulgaria)

Area 1: Collaborative and Social Technologies - Social Computing - Chairman: Russ - room H - Le - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01C	Cueva Carrión, Samanta Patricia	OER´s production cycle with social authorship and semantic tools	Cueva Carrión, Samanta Patricia;Rodríguez Morales, Germana del Rocío;Romero, Audrey	Technical Particular University of Loja (Ecuador)
	Blázquez, Manuel	Meta-analysis of the TAEE project applying social network analysis	Pescador, Fernando;Arriaga, Jesús;Benito, Manuel; Blázquez, Manuel;Casquero, Oskar;Castro Gil, Manuel Alonso;Chicaiza, Janneth;Landaluce, Ariana; López, Jorge;Piedra, Nelson;Romo, Jesús;Tovar, Edmundo	Technical Particular University of Loja (Ecuador); Spanish University for Distance Education-UNED (Spain);Technical University of Madrid-UPM (Spain);Universidad Politécnica de Madrid (Spain) ;University of the Basque Country UPV-EHU (Spain)
	Miilumäki, Thumas	Social Media Enhanced Studying and Learning in Higher Education	Miilumäki, Thumas;Silius, Kirsi	Tampere University of Technology (Finlande)
	DeLong, Kimberly	Three Online Neutron Beam Experiments Based on the iLab Shared Architecture	Bailey, Philip;DeLong, Kimberly;Hardison, James; Harward, Judson;Kohse, Gordon;Ostrovsky, Yakov	Massachusetts Institute of Technology-MIT (USA)

Area 1: Computer and Web based Software - Web based services - Chairman: Dale Carnegie - room H - Fs - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01D	Nakano, Hiroshi	Web-based Time Schedule System for Multiple LMSs on the SSO/Portal Environment	Nakano, Hiroshi;Sugitani, Kenichi;Nagai, Takayuki;Kubota, Shinichiro;Migita, Masahiro;Musashi, Yasuo;Iriguchi, Norio;Usagawa, Tsuyoshi;Kita, Toshihiro;Matsuba, Tyuichi	Kumamoto University (Japan)
	Cabral, Jose Manuel	A system to manage the alocation of MSc Dissertations at University of Minho	Cabral, Jose Manuel;Costa, Helder;Rocha, Jose Gerardo	Netmove - Comunicação Global, Ld (Portugal);University of Minho (Portugal)
	Wannous, Muhammad	Supporting the Delivery of Learning Contents with Laboratory Activities in SAKAI	Nakano, Hiroshi;Wannous, Muhammad	Kumamoto University (Japan)

Area 1: Computer Supported Collaborative Learning - For use in projects - Chairman: Baltasar Fernández Manjón - room H - Ed - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01E	Costa Freire, Joao	SUBA – An innovative pedagogical experience	Costa Freire, Joao;Simões Piedade, Moisés	Technical University of Lisbon (Portugal)
	Charlton, Terence James	Encouraging Interaction and Status Awareness in Undergraduate Software Engineering Projects	Charlton, Terence James;Devlin, Marie;Drummond, Sarah;Marshall, Lindsay	Durham University (United Kingdom);Newcaslte University (United Kingdom)
	Nakamura, Taichi	The use of agents to represent learners in role-play training	Mikami, Akane;Nakamura, Taichi;Takashima, Akio	Tokyo University of Technology (Japan)
	Günther, Markus	Game-based learning in technology management education	Günther, Markus;Kiesling, Elmar;Stummer, Christian	University of Vienna (Austria)

Area 1: Intelligent Learning Systems - Chairman: Claudio Brito da Rocha - room H - Fi - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
01F	Zampunieris, Denis	Continuous Proactivity in Learning Management Systems	Coronado, Sergio;Zampunieris, Denis	University of Luxembourg (Luxembourg)
	Sallier, René	VenDASys – a versatile experimentation platform	Mißler, Rüdiger;Sallier, René;Schütze, Andreas	Saarland University (Germany)
	Galeano, Katherine Johanna	Virtual flute: electronic device that uses virtual reality to teach how to play a flute	Galeano, Katherine Johanna;Luengas, Lely Adriana; Rincón, David Andres	Universidad Distrital Francisco Jose de Caldas (Colombia)
	Rodriguez Artacho, Miguel	An adaptive Multi-Agent based Architecture for Engineering Education	Agila Palacios, Martha Vannesa;Jara Roa, Dunia Inés; Rodríguez Artacho, Miguel;Sarango Lapo, Celia Paola;Valdiviezo Díaz, Priscila Marisela	Technical Particular University of Loja (Ecuador);Spanish University for Distance Education-UNED (Spain)

Area 3: First Year Courses and Programs - Chairman: Pablo Orduña - room C - EL - Sciences building - UNED

	Presenting Author	Title	Authors	Organizations
01G	Li, Yamin	On Freshman Training of Engineering Students by Projects and DIY Activities	Li, Yamin;Qian, Jinwu;Wang, Xiaojing	Shanghai University (China, Peoples Republic of)
	Morillas, Samuel	Assessment of the learning competence of mathematics for first-years of the Computer Science degree	Conejero, Alberto;Juan Hughet, Jordi;Más, Jorge; Morillas, Samuel;Vendrell, Eduardo	Technical University of Valencia-UPV (Spain)
	Bonache, Jorge	Analysis of the results of four years of research and application of a student-centered system based on the ECTS to first-year students in order to improve their performance in the subject AC-I	Hernandez, Wilmar; Palmero, Javier; Labrador, Manuel; Bonache, Jorge; Cousido, Carmen; Alvarez-Vellisco, Antonio; Gutierrez-Arriola, Juana Maria; Jimenez-Trillo, Juan	Technical University of Madrid-UPM (Spain)
	Cagiltay, Nergiz	A Concept Map Approach for Introduction to Computer Engineering Course Curriculum	Cagiltay, Nergiz;Tokdemir, Gul	Atilim University (Turkey)

12:15 - 13:15 - Session 2 - Wednesday, April 14th, 2010

Area 3: Skills Development: Technical Writing, Presentation, Teamwork - Chairman: Pilar Sancho - room H - A - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02A	Soto Merino, Juan Carlos	Challenging Students' Responsibility: An Engagement Methodology	Soto Merino, Juan Carlos	University of the Basque Country UPV-EHU (Spain)
	Sustelo, Maria Filomena Dos Santos	Analyzing self-reflection by Computer Science students to identify bad study habits	Guerreiro, Pedro;Sustelo, María Filomena dos Santos	UALg (Portugal)
	Devlin, Marie	Assessing Competency in Undergraduate Software Engineering Teams	Devlin, Marie;Phillips, Chris	Newcastle University (United Kingdom)

Area 3: Knowledge and Competencies Management - Competencies - Chairman: Paloma Diaz - room H - B - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02B	Perez-Gama, Alfonso	A knowledge based analytical model of propaedeutic cycles for higher education in Colombia: linking media education to higher education in Colombia	Hoyos Gomez, Guillermo;Mena Mena, Alexis;Pérez Gama, Alfonso;Pérez Gutierrez, Byron Alfonso	Fundacion de Educacion Superior San Jose (Colombia);Militar University Nueva Granada (Colombia)
	Linsey, Julie	The influence of design problem complexity on the attainment of design skills and student perceptions	Gadwal, Apeksha;Linsey, Julie;Viswanathan, Vimal Kumar	Texas A&M University (USA)
	Lee, Joosung	Business and Management Competency of Engineers: Curriculum and Assessment	Heo, Jun Haeng;Kang, So Yeon;Lee, Joosung	Yonsei University (Korea, Republic of South)
	Gutiérrez Rojas, Israel	Authoring Learning Contents, Assessments and Outcomes in an Integrated Way	Delgado Kloos, Carlos;Gutiérrez Rojas, Israel	University Carlos III of Madrid (Spain)

12:15 - 13:15 - Session 2 (cont.) - Wednesday, April 14th, 2010

Area 2: Innovative Engineering Courses and Labs - Laboratories - Chairman: Akinori Nishihara - room H - Le - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02C	Fuhrmann, Thomas	Developing an Optical Spectrum Analyzer	Fuhrmann, Thomas	Hochschule Regensburg (Germany)
	Gutiérrez Reina, Daniel	A new Systemic Methodology for Lab Learning based on a Cooperative Learning Project	Barrero, Federico;Cortés, Francisco;Gutiérrez Reina, Daniel;Hinojo, José María;Toral Marín, Sergio L	University of Seville (Spain)
	Colomer Farrarons, Jordi	An Experience of a Multidisciplinary Activity in a Biomedical Engineering Master Degree	Colomer Farrarons, Jordi;Miribel Català, Pere	University of Barcelona (Spain)
	García Ruiz, Francisco	An Undergraduate Microwave and RF Low-Profile Laboratory	Fernández Pantoja, Mario;García Ruiz, Francisco; González García, Salvador;Rodríguez Santiago, Noel	University of Granada (Spain)

Area 2: Laboratory Experiences: on-site and remote environments - Remote Labs - Chairman: Ingvar Gustavsson - room H - Fs - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02D	Garcia-Zubía, Javier	Easily Integrable platform for the deployment of a remote laboratory for microcontrollers	Angulo, Ignacio;Castro Gil, Manuel Alonso;García Zubía, Javier;Hernández, Unai;Irurzun, Jaime;Orduña, Pablo;Ruiz, Jonathan;San Cristobal Ruiz, Elio	DeustoTech - Tecnológico Fundación Deusto (Spain);Spanish University for Distance Education-UNED (Spain);University of Deusto (Spain)
	Bragos, Ramon	A Remote Laboratory to Promote the Interaction between University and Secondary Education	Bragos, Ramon;Garofano, Francesc;Guasch, Aleix; Sánchez Terrones, Benjamin	Generalitat de Catalunya (Spain);Technical University of Catalonia-UPC (Spain)
	Irurzun, Jaime	SecondLab: A Remote Laboratory under Second Life	Angulo, Ignacio;Castro Gil, Manuel Alonso;García Zubía, Javier;Hernández, Unai;Irurzun, Jaime;Orduña, Pablo;Ruiz, Jonathan;San Cristobal Ruiz, Elio	DeustoTech - Tecnológico Fundación Deusto (Spain);Spanish University for Distance Education-UNED (Spain);University of Deusto (Spain)
	Dávila, Luis	Hardware Implementation of Remote Laboratory for Digital Electronics	Caeiro Rodríguez, Manuel;Llamas Nistal, Martín;Castro Gil, Manuel Alonso;Dávila, Luis;San Cristobal Ruiz, Elio	Spanish University for Distance Education-UNED (Spain);Technical University of Madrid-UPM (Spain)

12:15 - 13:15 - Session 2 (cont.) - Wednesday, April 14th, 2010

Area 5: Lifelong Learning and Nontraditional Students - Theories and Courses - Chairman: Melany Ciampi - room H - Ed - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02E	Gil-Garcia, Jose Miguel	Knowledge Management and Professional Profiles in Electronic Systems Engineering	Aguado, Luis Angel;Aledo, Angel;Gil-García, Jose Miguel;Quesada, Jerónimo;Sainz, Jose Antonio	Spanish University for Distance Education-UNED (Spain);University of the Basque Country UPV-EHU (Spain)
	Ribickis, Leonids	Scientific project management course introduction in doctoral studies in Riga Technical University	Galkina, Alina;Kunicina, Nadezhda;Ribickis, Leonids	Riga Technical University (Latvia)
	Winzker, Marco	Introduction to Electronics as a Minor Subject	Winzker, Marco	Hochschule Bonn-Rhein-Sieg (Germany)
	Lord, Susan M.	Role of Faculty in Promoting Lifelong Learning: Characterizing Classroom Environments	Chen, John C.;Lord, Susan M.;Nottis, Katharyn;Prince, Michael;Stefanou, Candice;Stolk, Jonathan	Bucknell University (USA);California Polytechnic State University (USA);Franklin W. Olin College of Engineering (USA);University of San Diego (USA)

Area 4: Pedagogies - Chairman: Francisco Arcega - room H - Fi - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
02F	Glew, William	The development of professional mentoring for engineers undertaking a workbased learning Masters degree	Fitzgerald, Alan;Glew, William;Ling, Jonathan Geoffrey;Penn, Martin	Kingston University of London (United Kingdom)
	Jordana, Josep	Cooperative work and continuous assessment in an Electronic Systems laboratory course in a Telecommunication Engineering degree	Jordana, Josep;Sànchez, Francesc J.	Technical University of Catalonia-UPC (Spain)
	Moncef BenKhélifa, Mohamed	Intelligent evaluation in educational context	Alimi, Adel;Besbes, Riadh;Moncef BenKhélifa, Mohamed;Gorce, Philippe	South University of Toulon (France);National School of Engineering in Sfax (Tunisia)
	Ferreira, André Luis Andrejew	Meaningful learning checking of concepts related to equations and functions in Physics Chemistry according to the main theme gas laws.	Costa, Rodrigo Garrett;Ferreira, André Luis Andrejew; Zaro, Milton Antônio	UFPel (Brazil);UFRGS (Brazil)

12:15 - 13:15 - Session 2 (cont.) - Wednesday, April 14th, 2010

Area 1: Learning Objects reusability and digital repositories - Chairman: Miguel Rodriguez Artacho - room C - EL - Sciences building - UNED

	Presenting Author	Title	Authors	Organizations
02G	Téllez, Alberto González	Authoring Environment for E-learning Production Based on Independent XML Formats	González Téllez, Alberto	Technical University of Valencia-UPV (Spain)
	Blazquez, Manuel P.	Technical congress proceedings as a reusable digital objects educational source	Arriaga, Jesús;Blázquez, Manuel;Castro Gil, Manuel Alonso;Pescador, Fernando;Tovar, Edmundo	Spanish University for Distance Education-UNED (Spain);Technical University of Madrid-UPM (Spain)
	Cabrera, Margarita	Virtual analog and digital communications laboratory: LAVICAD	Cabrera, Margarita;Mestres Sugrañes, Albert;Vargas Berzosa, Carlos;Vargas Berzosa, Francisco	Technical University of Catalonia-UPC (Spain)
	Wenk, Bruno	Open educational resources (OER) inspire teachers and motivate students	Wenk, Bruno	University of Applied Sciences HTW Chur (Switzerland)

13:15 - 14:30 - Lunch - Wednesday, April 14th, 2010 - Restaurant - Humanities building - UNED

14:30 - 15:30 - Session 3 - Wednesday, April 14th, 2010

Area 2: Innovative Competitions and Laboratories - Detectors and robotics - Chairman: Kimberly DeLong - room H - A - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03A	Quintáns, Camilo	Developping of Low Cost Capacitive Sensors for Laboratory Classes	Marcos, Jorge;Pérez López, Serafín Alfonso;Quintáns, Camilo	University of Vigo (Spain)
	Montero, Juan M	Development of a Wiimote-based gesture recognizer in a microprocessor laboratory course	Fernandez Rodrigues, Jose Angel;Lorente Leal, Alberto;Montero, Juan M	Technical University of Madrid-UPM (Spain)
	Huang, Hsin-Hsiung	Hands-on intelligent mobile robot laboratory with support from the industry	Chuang, Sheng Hsiung;Huang, Hsin Hsiung;Huang, Jheng Yu;Lee, Chyi Shyong;Su, Juing Huei	Lunghwa University of Science and Technology (Taiwan, Republic of China)
	Garcia-Robledo, Pablo	Cybertech: Robotic Competition and Subject	Galán, Ramón;García Borrás, Patricia;García Robledo, Pablo	Technical University of Madrid-UPM (Spain)

14:30 - 15:30 - Session 3 (cont.) - Wednesday, April 14th, 2010

Area 2: E-Assessment - Chairman: Margarita Cabrera - room H - B - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03B	Flórián Gaviria, Beatriz Eugenia	A new competency-based e-assessment data model	Baldiris, Silvia Margarita;Fabregat, Ramón;Flórián Gaviria, Beatriz Eugenia	University del Valle (Colombia);University of Girona (Spain)
	Jiang, Jin	On Education Quality Control Issues for Sino-France Hybrid Engineer Diploma	Jiang, Jin;Qian, Jinwu;Zhao, Ling	Shanghai University (China, Peoples Republic of)
	Nesterova, Elena	Assessment of learning activities in discussion forums online	Nesterova, Elena;Ulloa, Ricardo	University of Guadalajara (México);University of Guadalajara (México)
	Al-Smadi, Mohammad	SOA-based Architecture for a Generic and Flexible E-assessment System	Al Smadi, Mohammad;Guetl, Christian	Graz University of Technology (Austria)

Area 4: Rethinking Pedagogy in Engineering Education - Multidisciplinary issues - Chairman: Juan Peire - room H - Le - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03C	Fernández Panadero, Carmen	Impact of Learning Experiences Using LEGO Mindstorms® in Engineering Courses	Delgado Kloos, Carlos;Fernández Panadero, Carmen; Villena Román, Julio	University Carlos III of Madrid (Spain)
	Schubert, Sigrid	Competencies for Informatics Systems and Modeling. Results of Qualitative Content Analysis of Expert Interviews	Magenheim, Johannes;Nelles, Wolfgang;Rhode, Thomas;Schaper, Niclas;Schubert, Sigrid;Stechert, Peer	University of Paderborn (Germany);University of Siegen (Germany)
	Baumann, Peter	Introducing multidisciplinary thinking in Computer Engineering - A new way of teaching database systems	Baumann, Peter;Jucovschi, Constantin;Medeiros, Claudia Bauzer	UNICAMP (Brazil);Jacobs University Breme (Germany)
	Williams, Bill	Engineers and their practice: a case study	Figueiredo, José;Williams, Bill	Setubal Polytechnic (Portugal);Technical University of Lisbon (Portugal)

14:30 - 15:30 - Session 3 (cont.) - Wednesday, April 14th, 2010

Area 1: Computer and Web based Software - Physics Applications - Chairman: Jose Carpio - room H - Fs - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03D	Morillas, Samuel	An application-case for derivative learning: optimization in colour image filtering	Camacho, José;Conejero, Alberto;Morillas, Samuel; Sapena, Almanzor	Technical University of Valencia-UPV (Spain)
	Grande, Ana	Educational Computer Tool for Visualizing and Understanding the Interaction of Electromagnetic Waves with Metamaterials	González, Oscar;Grande, Ana;Pereda, José Antonio; Vegas, Angel	University of Cantabria (Spain)
	Anterrieu, Eric	Illustrating amazing effects of optics with the computer	Anterrieu, Eric;Pérez, José Philippe	Observatoire Midi-Pyrénées (France)
	San Segundo, Pablo	A simulation software for sequential control	Rodríguez Losada, Diego;San Segundo, Pablo	UPM (Spain)

Area 1: Wireless, Mobile and Ubiquitous Technologies for Learning - Chairman: Russ Meier - room H - Ed - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03E	Madeira, Rui Neves	Development of a mobile learning framework for analog electronics course	Dias, Octavio Páscoa;Fernao Pires, Vitor;Madeira, Rui Neves;Martins, Joao	CESET (Portugal);CIEEE (Portugal);CTS-UNINOVA-FCT/UNL (Portugal);ESTSetubal / IPS (Portugal);INESC-ID (Portugal)
	Martin, Sergio	M2Learn: Towards a homogeneous vision of advanced mobile learning development	Castro Gil, Manuel Alonso;Martín, Sergio;Peire, Juan	Spanish University for Distance Education-UNED (Spain)
	Shih, Chien-Chou	Adaptive Ecology M-Learning for National Park Based on Scaffolding Theory	Chen, Chun Yu;Lin, Shean Huei;Shih, Chien Chou;Shih, Yen Hua	Meiho Institute of Technology (Taiwan, Republic of China);National Kaohsiung University of Applied Sciences (Taiwan, Republic of China);Tzu Hui Institute of Technology (Taiwan, Republic of China)
	Ursutiu, Doru	WEB Instruments	Auer, Michael;Cotfas, Daniel;Cotfas, Petru;Ghercioiu, Marius;Samoila, Cornel;Ursutiu, Doru	Carinthia University of Applied Sciences (CUAS) (Austria);Transylvania University of Brasov (Romania);Tag4m, Austin (USA)

14:30 - 15:30 - Session 3 (cont.) - Wednesday, April 14th, 2010

Area 1: Open Source, Open Standards, and Federated Systems - Chairman: Elio Sancristobal - room H - Fi - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
03F	Aydin, Cansu Cigdem	Open Source Learning Management Systems in E-Learning and Moodle	Aydin, Cansu Cigdem;Tirkes, Guzin	Atilim University (Turkey)
	García, Carmelo R.	WikiDIS: a case of collaborative content management system for educative community	Candela, Santiago;García, Carmelo R.;Rivera, Adexe	University of Las Palmas de Gran Canaria (Spain)
	Pastor, Rafael	An enterprise e-learning solution: The UNED practical case in the EHEA	Castro Gil, Manuel Alonso;Hernández, Roberto;Hernández, Rocael;Pastor, Rafael;Read, Tim M.;Ros, Salvador	Galileo University (Guatemala);Spanish University for Distance Education-UNED (Spain)
	Rodriguez Hernandez, Ariel Adolfo	Educative use of simulators in free software for the education of the physics in the engineering programs	Rodríguez Hernández, Ariel Adolfo	Technical and Paedagogical University of Colombia (Colombia)

Area 3: New Frameworks for Engineering Education - Chairman: Sergio Martin - room C - El - Sciences building - UNED

	Presenting Author	Title	Authors	Organizations
03G	Lafuente, Guillermo;Sánchez, Alicia;	Engineering societies as a vehicle tool for engineering students.	Calviño, Pablo;Camara, Jose A.;Carrasco, Ramon;Carro, German;Castro-Gil, Manuel Alonso;Chavez, Igor;Conde, Carlos;Dopico, Alberto;Gil, Rosario;Lafuente, Guillermo;López, Eugenio;Martín, Sergio;Murillo, Gloria;Paredero, Ruben A.;Sánchez, Alicia;San-Cristobal-Ruiz, Elio	IEEE Student Branch UNED (Spain)
	Hoffmann, Michael H.W.	Knowledge, skills, and competences -- Descriptors for Engineering Education	Bargstädt, Hans Joachim;Hampe, Manfred;Heiß, Hans Ulrich;Hoffmann, Michael H.W.;Müller, Gerhard;Schmitt, Heike	4ING c/o Technische Universität München (Germany);Bauhaus-Universität Weimar (Germany);Technische Universität Berlin (Germany);Technische Universität Darmstadt (Germany);Technische Universität München (Germany);University of Ulm (Germany)
	Ciampi, Melany	Implementation of An Engineering Educator Graduation Program for the formation of New Skilled Engineering Teachers	Brito da Rocha, Claudio;Ciampi, Melany	Council of Researchers in Education and Sciences (Brazil)
	Alorda, Bartomeu	enginy@eps: Motivating the Engineering Courses	Alorda, Bartomeu;Burguera, Antoni;Guerrero, José;Payeras, Magdalena;Ramis, Jaume;Rodríguez Navas, Guillermo;Verd, Jaume	University Illes Balears (Spain);University Illes Balears (Spain)

15:45 - 16:45 - Students meeting and IEEE - Wednesday, April 14th, 2010 - room E - 2B - Economics building - UNED

15:45 - 16:45 - Session 4 - Wednesday, April 14th, 2010

Area 4: Learning Models - Learning tools - Chairman: Oscar Martinez - room H - A - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04A	Freudenthal, Eric A.	A computational introduction to STEM studies	Freudenthal, Eric;Ogrey, Alexandria N.	University of Texas at El Paso (USA)
	Benlloch-Dualde, José-Vicente	A Tablet PC-Based Teaching Approach using Conceptual Maps	Benlloch Dualde, José Vicente;Buendía, Félix;Cano, Juan Carlos	Technical University of Valencia-UPV (Spain)
	Faccioni Filho, Mauro	M-learning tools on distance education	Faccioni Filho, Mauro;Franco Neto, Moacyr;Klein, Lawrence Zordam	Fazion Sistemas (Brazil)
	Boulmalf, Mohammed	Teaching Digital and Analog Modulation to Undergradute Information Technology Students Using Matlab and Simulink	Boulmalf, Mohammed;Lakas, Abderrahmane;Semmar, Yasser;Shuaib, Khaled	Al Khwayn University in Ifrane (Morocco);Qatar University (Qatar);UAE University (United Arab Emirates)

Area 4: Active Learning - Project based learning - Chairman: Raquel Crespo - room H - B - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04B	Ribickis, Leonids	Research-based approach application for electrical engineering education of bachelor program students in Riga Technical University	Chaiko, Yelena;Kunicina, Nadezhda;Patlins, Antons;Ribickis, Leonids;Zhiravecka, Anastasija	Riga Technical University (Latvia)
	Ordieres Meré, Joaquín	Learning by doing in Project Management: Acquiring skills through a collaborative model	Cobo Benita, José Ramón;Ordieres Meré, Joaquín;Ortiz Marcos, Isabel;Pacios Álvarez, Antonia	Technical University of Madrid-UPM (Spain)
	Martinez Muneta, M Luisa	Integrating Teams In Multidisciplinary Project Based Learning in Mechanical Engineering	Márquez, Juan J.;Martínez Muneta, Mª Luisa;Pérez, Jesus M.;Romero, Gregorio	Technical University of Madrid-UPM (Spain)
	Lamar, Diego G.	A Project-Based Learning Approach to Teaching Power Electronics	Arias, Manuel;Lamar, Diego G.;Miaja, Pablo F.;Rodríguez, Alberto;Rodríguez, Miguel;Sebastián, Javier	University of Oviedo (Spain)

15:45 - 16:45 - Session 4 (cont.) - Wednesday, April 14th, 2010

Area 2: Virtual Worlds for Academic, Organiz., Life-long Learning and training - Virtual environs - Chairman: Sigrid Schubert - room H -Le - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04C	Grieu, Jean	GE3D: a virtual campus for a technology-enhanced learning	Boukachour, Hadoum;Galinho, Thierry;Grieu, Jean; Lecroq, Florence;Person, Patrick	Le Havre University (France)
	Dos Santos, Fabio Ricardo	Dynamic Virtual Environment for multiple Physics Experiments in Higher Education	Bailey, Philip;Dos Santos, Fabio Ricardo;Guetl, Christian; Harward, Judson	Curtin University of Technology in Perth (Australia);Graz University of Technology (Austria);Massachusetts Institute of Technology-MIT (USA)
	Abbas, Ali	Learning Dynamics and Control in a Virtual World	Abbas, Ali	University of Sydney (Australia)
	Argyriou, Vasileios	Virtual University as a Role Playing Game	Argyriou, Vasileios;Sevaslidou, María;Zafeiriou, Stefanos	Athens University (Greece);Imperial College (United Kingdom);Kingston University of London (United Kingdom)

Area 4: e-Assessment and new Assessment Theories and Methodologies - Methods - Chairman: Inmaculada Plaza - room H - Fs - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04D	Vinjarapu, Sai Krishna Dinesh	Online assessment of practical knowledge in electronics laboratory	Kondabathini, Vishal;Vinjarapu, Sai Krishnas Dinesh	Blekinge Institute Of Technology (Sweden)
	Mandado, Enrique	An integrated system as a tool for complex technology learning	Fernández, Pilar;Mandado, Enrique;Salaverría, Angel	Polytechnic Universitary School of San Sebastián (Spain);University of Vigo (Spain)
	Dueñas, Juan C.	Experiments in evaluation: towards an eXtreme Learning method	Cuadrado, Félix;Dueñas, Juan C.	Technical University of Madrid-UPM (Spain)
	López-Campos, Mónica	Mixed e-Assessment: an application of the student-generated questions technique	Cannella, Salvatore;Ciancimino, Elena;López Campos, Mónica	University of Palermo (Italy);University of Seville (Spain)

15:45 - 16:45 - Session 4 (cont.) - Wednesday, April 14th, 2010

Area 1: Computer Supported Collaborative Learning - Proposals and Methodologies - Chairman: Salvador Ros - room H - Ed - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04E	Sancho, Pilar	Experiences in using a MUVE for enhancing motivation in engineering education	Fernández Manjón, Baltasar;Sancho, Pilar	Complutense University of Madrid (Spain)
	Requena-Carrión, Jesús	A Student-Centered Collaborative Learning Environment for Developing Communication Skills in Engineering Education	Alonso Atienza, Felipe;Guerrero Curieses, Alicia; Requena Carrión, Jesús;Rodríguez González, Ana Belén	University Rey Juan Carlos (Spain)
	Martin. Sergio	Trends of Use of Technology in Engineering Education	Castro Gil, Manuel Alonso;Colmenar, Antonio;Martín, Sergio	Spanish University for Distance Education-UNED (Spain)
	Anaya, Antonio R.	Ranking Learner Collaboration according to their Interactions	Anaya, Antonio R.;Boticario, Jesús G.	Spanish University for Distance Education-UNED (Spain)

Area 3: Degree Programs and Curricula - Chairman: Rafael Pastor - room H - Fi - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
04F	Atienza, Jose M	The New Degree in Materials Engineering at the Technical University of Madrid (UPM)	Atienza, Jose M;Elices, Manuel;Guinea, Gustavo V	Technical University of Madrid-UPM (Spain)
	Aydin, Elif	Use of Advanced Technologies in a RF and Microwave Engineering Course	Aydin, Elif;Cagiltay, Nergiz	Atilim University (Turkey);Atilim University (Turkey)
	Martinez-Mediano, Catalina	Internet-based Performance-centered Learning Environment for Curriculum Support (IPLECS) and its application in mLearning	Martinez-Mediano, Catalina;Castro, Manuel;Mileva, Nevena;Stoyanov, Slavi;Kicken, Wendy;Diaz, Gabriel;Rioperez, Nuria;Tzanova, Slavka; Sancristobal, Elio; Martin, Sergio	Spanish University for Distance Education-UNED (Spain);University of Plovdiv (Bulgaria);Open University (Netherlands, The);University of Sofia (Bulgaria)
	Natho, Nicole Martina	Natural Sciences in the Information Society - First Experiences	Jeschke, Sabina;Knipping, Lars;Köppel, Grit;Natho, Nicole Martina;Petschik, Grit;Schröder, Christian;Zorn, Erhard	RWTH Aachen Universit (Germany);Technische Universität Berlin (Germany)

15:45 - 16:45 - Session 4 (cont.) - Wednesday, April 14th, 2010

Area 5: Gender Issues in Engineering Education - Chairman: Bonifacio Martin - room C - EL - Sciences building - UNED

	Presenting Author	Title	Authors	Organizations
04G	Gil, Marisa	Real Projects to involve undergraduate students in CS degrees	Crusafon, Carlota;Cussó, Roser;Fernandez Mostaza, María José;Gil, Marisa	Technical University of Catalonia-UPC (Spain)
	Lord, Susan M.	Who enrolls in electrical engineering? A quantitative analysis of U.S.A. student trajectories	Camacho, Michelle Madsen;Layton, Richard A.;Lord, Susan M.;Ohland, Mathew W.	Purdue University (USA);Rose-Hulman Institute (USA);University of San Diego (USA)
	Eppes, Tom A.	Achieving and Sustaining Gender Balance in an Undergraduate Teaching Institution	Eppes, Tom A.;Milanovic, Ivana;Sanborn, Jennifer	University of Hartford (USA)
	Burr, Barbara	SPIRIT - A Life-Cycle Based Gender Mainstreaming Concept at the University of Stuttgart	Burr, Barbara;Göhner, Peter;Jeschke, Sabina;Ressel, Wolfram;Schlicht, Wolfgang	RWTH Aachen Universit (Germany);University of Stuttgart (Germany)

17:00 - 18:30 - Session 5

Area 1: Learning Systems Platforms and Architectures - Platforms and Learning Tools - Chairman: Jesús G. Boticario - room C - EL - Sciences building - UNED

	Presenting Author	Title	Authors	Organizations
05A	París Regueiro, María Teresa	Personalized Construction of Self-Evaluation Tests	Cabrero Canosa, Maríano Javier;París Regueiro, María Teresa	University of A Coruña (Spain)
	Fontenla González, Jorge	A Middleware for the Integration of Third-party Learning Tools in SOA-based Learning Management Systems	Caeiro Rodríguez, Manuel;Castro Gil, Manuel Alonso;Fontenla González, Jorge;Llamas Nistal, Martín;San Cristobal Ruiz, Elio	Spanish University for Distance Education-UNED (Spain);University of Vigo (Spain)
	Cagiltay, Nergiz	Principles for the Design of a Remote Laboratory	Cagiltay, Nergiz;Aydin, Elif;Kara, Ali	Atilim University (Turkey)
	Comber, Oswald	Supporting Person-Centered Learning: Does the Choice of the Learning Management System Matter?	Comber, Oswald;Komlenov, Zivana;Motschnig, Renate	University of Vienna (Austria);University of Novi Sad (Serbia)
	Pires, Jorge Manuel	Evolutive Mechanism for E-Learning Platforms - A new approach for old methods	Cota, Manuel Pérez;Pires, Jorge Manuel	University of Vigo (Spain)

17:00 - 18:30 - Session 5 (cont.) - Wednesday, April 14th, 2010

Area 3: General Issues in Engineering Education - Improving students performance - Chairman: Alfonso Durán - room H - B - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05B	Gillet, Denis P.	Personal Learning Environments in a Global Higher Engineering Education Web 2.0 realm	Chatterjee, Arunangsu;Gillet, Denis P.;Law, Effie L C.	Swiss Federal Institute of Technology in Lausanne-EPFL (Switzerland);University of Leicester (United Kingdom)
	Ruiz, Elena	Filling the gap of Information Security Management inside ITIL®: proposals for posgraduate students	Castro Gil, Manuel Alonso;Díaz, Gabriel;Minguet, Jesús M.;Ruiz, Elena;Vara, Alfonso	Spanish University for Distance Education-UNED (Spain)
	Muñoz Hernández, Susana	Student Motivation and Cross-curricula Development through e-learning applied to cooperation	Martínez Mateo, Jesús;Muñoz Hernández, Susana; Pérez Rey, David	Technical University of Madrid-UPM (Spain)
	Zaharim, Azami	Practical Framework of Employability Skills for Engineering Graduate in Malaysia	Md Yusoff, Yuzainee;Mohamed, Azah;Muhamad, Norhamidi;Mustapha, Ramlee;Omar, Mohd Zaidi;Zaharim, Azami	University Kebangsaan-UKM (Malaysia);University Tenaga Nasional-UNITEN (Malaysia)
	Fraile, Ruben	A Proposal for the Evaluation of Final Year Projects in a Competence-based Learning Framework	Argüelles, Irina;Arriero, Luis;Benavente, César;Fraile, Ruben;Godino Llorente, Juan I.;González, Juan C.;Gutiérrez, Juana M.;Osés, David	Technical University of Madrid-UPM (Spain)

17:00 - 18:30 - Session 5 (cont.) - Wednesday, April 14th, 2010

Area 2: Innovative Engineering Courses and Labs - Courses - Chairman: Susan Lord - room H - Le - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05C	Gomez Cama, Jose Maria	Learning network protocols through WSN based games	Bosch Estrada, Jose;Carmona Flores, Manuel;Gómez Cama, Jose María;Herms Berenguer, Atila;López de Miguel, Manuel	University of Barcelona (Spain)
	Rings, Thomas	An Interdisciplinary Practical Course on the Application of Grid Computing	Aschenbrenner, Andreas;Grabowski, Jens;Kalman, Tibor;Lauer, Gerhard;Meyer, Jörg;Quadt, Arnulf; Rings, Thomas;Viezens, Fred	Gesellschaft für Wissenschaftliche Datenverarbeitung Göttingen (Germany);State and University Library, Göttingen (Germany);University of Göttingen (Germany);University of Magdeburg (Germany)
	Thomsen, Benn	Introducing Scenario Based Learning: Experiences from an undergraduate electronic and electrical engineering course.	Day, Sally;Kenyon, Tony;Mitchell, John;Mitrofanov, Oleg;Renaud, Cyril;Rio, Miguel;Romans, Ed;Savory, Seb;Thomsen, Benn	UCL (United Kingdom)
	Rojko, Andreja	Mechatronics E-course for regular students and adults: realization and comparison of efficiency	Hercog, Darko;Jezernik, Karel;Rojko, Andreja	University of Maribor (Slovenia)
	Santana, Iván	Distance Practices in Subjects of Automatic Control	Aracil, Rafael;Ferre, Manuel;García, Ángel;Hernández, Luis;Pinto, Enrique;Santana, Iván	Central University of Las Villas (Cuba);Technical University of Madrid-UPM (Spain)
	Prados, Ferran	A web-based e-learning tool for UML class diagrams	Boada, Imma;Fabregat, Ramón;Poch, Jordi;Prados, Ferran;Soler, Josep	University of Girona (Spain)

17:00 - 18:30 - Session 5 (cont.) - Wednesday, April 14th, 2010

Area 1: Computer and Web based Software - Programming - Chairman: Carlos Medrano - room H - Fs - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05D	Carmona, Cristóbal José	Evolutionary algorithms for subgroup discovery applied to e-learning data	Carmona, Cristóbal José;del Jesus, María José; González, Pedro;Romero, Cristóbal;Ventura, Sebastián	University of Cordoba (Spain);University of Jaen (Spain)
	Freudenthal, Eric A.	Computation for Science and Engineering	Freudenthal, Eric;Magoc, Tanja	University of Texas at El Paso (USA)
	Izu, Cruz	Engaging Weaker Programmers in Problem Solving	Alexander, Brad;Izu, Cruz	The University of Adelaide (Australia)
	Manso, António	Portugol IDE v3.x	Dias, Pedro Miguel;Manso, António;Marques, Célio	Instituto Politécnico de Tomar (Portugal)
	Silva, Bruno	A Study and a Proposal of a Collaborative and Competitive Learning Methodology	Madeira, Rui Neves;Silva, Bruno	ESTSetúbal/IPS (Portugal)
	Almeida-Martínez, Francisco J.	Educational visualizations of syntax error recovery	Almeida Martínez, Francisco J.;Urquiza Fuentes, Jaime; Velázquez Iturbide, Ángel	University Rey Juan Carlos (Spain)

Universia Special Session: International Engineering Cooperation - Chairman: Edmundo Tovar - room H - Ed - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05E	Nishihara, Akinori	Tokyo Tech Graduate Program Allied with Thailand: TAIST (Thailand Advance Institute of Science and Technology) - Tokyo Tech	Nishihara, Akinori	Tokyo Institute of Technology (Japan)
	Arriaga, Jesús	Engineering in Latin America: A view at the Higher Education Level	Aranzadi, Pedro;Arriaga, Jesús;Capdevilla, Ramón; Sagi Vela, Javier	Technical University of Madrid-UPM (Spain);Universia (Spain)
	Sanchez, Jaime	Innovative Practices for Learning Human-Computer Interaction by Engineering Learners	Saenz, Mauricio;Sánchez, Jaime	University of Chile (Chile)
	Zaman, Muhammad	Engineering Education in the Developing World: Complexity and	Zaman, Muhammad	Boston University (USA)
	Daniels, Mats	Developing Global Teamwork Skills: The Runestone Project	Daniels, Mats;Pears, Arnold Neville	Uppsala University (Sweden)
	Brito da Rocha, Claudio	Technological Development, Sustainability: Discussions about International Aspects of Engineering Education	Brito da Rocha, Claudio;Ciampi, Melany	Council of Researchers in Education and Sciences (Brazil)

17:00 - 18:30 - Session 5 (cont.) - Wednesday, April 14th, 2010

LiLa Special Session: Library of Labs - LILA Project - Chairman: Luis Bellido - room H - Fi - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05F	Khachadorian, Sevak	Deployment of Remote Experiments: The OnPReX course at the TU Berlin	de Vries, Pieter;Khachadorian, Sevak;Scheel, Harald; Thomsen, Christian	Berlin Institute of Technology (Germany);Delft University of Technology (Netherlands, The)
	Bellido, Luis	Federated authentication and authorization for reusable learning objects	Bellido, Luis;Mateos, Verónica;Villagrá, Víctor	Technical University of Madrid-UPM (Spain)
	Guggisberg, Martin	Nano-World A Showcase Suite for Technology-Enhanced Learning	Burkhart, Helmar;Guggisberg, Martin;Gyalog, Tibor; Müller, Florian	Swiss Nanoscience Institute University of Basel (Switzerland);Universität Basel (Switzerland)
	Torabzadeh-Tari, Mohsen	Generalization of an Active Electronic Notebook for Teaching Multiple Programming Languages	Fritzson, Peter;Pop, Adrian;Torabzadeh Tari, Mohsen	Linköping university (Sweden)
	Coble, Aaron	Delivering authentic experiences for engineering students and professionals through e-labs	Bhave, Amit;Braumann, Andreas;Coble, Aaron R.; Kraft, Markus;Smallbone, Andrew;Watson, Roger	CMCL Innovations (United Kingdom);University of Cambridge (United Kingdom)
	Richter, Thomas	Simulations in Undergraduate Electrodynamics	Boehringer, David;Richter, Thomas;Tetour, Yvonne	University of Stuttgart (Germany)

17:00 - 18:30 - Session 5 (cont.) - Wednesday, April 14th, 2010

e-Madrid Special Session- eMadrid: Research and Development of e-Learning Technologies in the Madrid Region - Chairman: Carlos Delgado Kloos
- room H - M - Humanities building - UNED

	Presenting Author	Title	Authors	Organizations
05G	Delgado Kloos, Carlos	Some Research Questions and Results of UC3M in the E-Madrid Excellence Network	Crespo, Raquel;de la Fuente, Luis;Delgado Kloos, Carlos;Gutiérrez Rojas, Israel;Ibáñez, Mª Blanca;Leony, Derick;Muñoz Merino, Pedro;Muñoz Organero, Mario;Pardo, Abelardo	University Carlos III of Madrid (Spain)
	Martinez, Oscar	An approach for Description of Open Educational Resources based on semantic technologies	Chicaiza, Janneth;López, Jorge;Martínez, Oscar;Nelson Piedra, Nelson;Tovar, Edmundo	Technical Particular University of Loja (Ecuador);Technical University of Madrid-UPM (Spain);University Miguel Hernández de Elche (Spain)
	Fernandez-Manjon, Baltasar	<e-Adventure> Introducing Educational Games in the Learning Process	del Blanco, Ángel;Fernández Manjón, Baltasar; Marchiori, Eugenio J.;Moreno Ger, Pablo;Torrente, Javier	Complutense University of Madrid (Spain)
	Gregorio, Robles	Influence of Libre Software in Education The blogs planet case	González Barahona, Jesús M.;Gregorio, Robles	Rey Juan Carlos University (Spain)
	Rico, Mariano	Automatic Guidance Tools for Enhancing the Educative Experience in Non-Immersive Virtual Worlds Preliminary results from project V-LeaF	Camacho, David;Pulido, Estrella;Rico, Maríano	Autonoma University of Madrid (Spain)
	Rodriguez Artacho, Miguel	Enhancing Authoring, Modelling and Collaboration in E-learning environments: UNED research outline in the context of E-Madrid excellence network	Bárcena, Elena;Castro Gil, Manuel Alonso;Delgado, José Luis;Lorenzo, Emilio J.;Martín, Sergio;Mayorga, José I.;Pérez Molina, Clara;Read, Tim M.;Rodrigo, Covadonga;Rodríguez Artacho, Miguel;Ros, Salvador;Vélez, Javier	Complutense University of Madrid (Spain);Spanish University for Distance Education-UNED (Spain)

17:00 - 18:30 - IEEE SPAIN SECTION meeting - room H - A - Humanities building - UNED

19:00 - Social Activity - Cocktail - Restaurant - Humanities building - UNED

20:30 - 22:00 - Night Madrid bus guide from Humanities building - UNED

8:00 - Bus Trip to Avila (from Husa Princesa Hotel)

9:30 - 12:00 - Registration Open - Conference Palace (Lienzo Norte) - Avila

9:30 - 10:30 - Session 6

Area 1: Uses of Technology in the Classroom - Engineering Applications - Chairman: Jose Carlos Metrolho - room H - C1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
06A	Barone, Dante Augusto Couto	A technological platform for teaching control engineering	Barone, Dante Augusto Couto;Carvalho, Adelson Siqueira;Zaro, Milton Antônio	UFRGS (Brazil)
	Salvado, Jose	Motivating Younger Students by Using Engineering Graduation Projects to Facilitate their Work	Oliveira, Joaquim;Salvado, Jose	EST-IPCB (Portugal)
	Islam, Syed Zahidul	FPGA/Embedded system Training Kit Targeted to graduate Courses towards Industry level short training	Islam, Syed Zahidul	University Tenaga Nasional-UNITEN (Malaysia)
	Sanchez, Juan A.	Educational Software Interface for Power Electronic Applications	Carrasco, Juan M.;Domínguez, Eugenio;Franquelo, Leopoldo G.;León, Jose I.;Portillo, Ramon;Sánchez, Juan A.;Vázquez, Sergio	University of Seville (Spain)

Area 3: Specific Engineering Disciplines - Practical projects in Engineering - Chairman: Martín Llamas - room H - C2 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
06B	Caeiro-Rodríguez, Manuel	Practice and Research in Engineering Education: Activities of the CESEI Technical Committee	Arcega Solsona, Francisco;Carpio, Jose;Castro Gil, Manuel Alonso;Díaz, Gabriel;Domínguez, Manuel; Falcone, Francisco;Jurado, Francisco;Mur, Francisco; Pastor, Rafael;Plaza, Inmaculada;Sánchez, Francisco;Sánchez Ortiz, Jose Angel;Tovar, Edmundo	IES Gonzalo de Castro (Spain);Spanish University for Distance Education-UNED (Spain);Technical University of Madrid-UPM (Spain);University of Jaén (Spain);University of León (Spain);University of Navarra (Spain);University of Vigo (Spain);University of Zaragoza
	Ramos, Daniel	A Practical Electronic Instrumentation Course for Engineering Students	Alonso Fernández, Fernando;Ramos, Daniel	Autonoma University of Madrid (Spain)
	Gámez, Juan Carlos	Teaching Microprocessors Design Using FPGAs	Gámez, Juan Carlos;Olivares, Joaquín;Palomares, José Manuel;Soto, José Manuel	University of Córdoba (Spain)
	Gómez Tornero, José Luis	Development of a Small Radio Telescope at the Technical University of Cartagena	Álvarez Melcon, Alejandro;Canete Rebenaque, David; Gómez Tornero, José Luis;Quesada Pereira, Fernando Daniel	Technical University of Cartagena-UPCT (Spain)

9:30 - 10:30 - Session 6 (cont.) - Thursday, April 15th, 2010

Area 1: Collaborative and Social Technologies - Experiences - Chairman: Slavka Tzanova - room H - C3 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
06C	Escovedo, Tatiana	Applying a methodology for collaborative assesment in learning groups	Escovedo, Tatiana;Melo, Rubens	PUC-Rio (Brazil)
	Nadeem, Danish	Web 2.0 contents for connecting learners in online Learning Network	Koper, Rob;Nadeem, Danish;Stoyanov, Slavi	CELSTEC - Open University of Netherlands (Netherlands, The)
	Romero, Maria del Carmen	Innovative Learning and Teaching Methodology in Electronic Technology Area. A Case Study in Computer Science University Degrees	Baena, Carmen;Gómez, Isabel M.;Parra, M. Pilar;Romero, María del Carmen;Sivianes, Francisco;Valencia, Manuel	University of Seville (Spain)
	Rodríguez, Alberto	An Experience in Cooperative Learning Developing a Real Aerospacial Project	Arias, Manuel;Fernández Miaja, Pablo;G. Lamar, Diego; Rodríguez, Alberto;Rodríguez, Miguel	University of Oviedo (Spain)

ICOPER Special Session: Assessing Assessment Formats - ICOPER Network - Chairman: Carlos Delgado-Kloos - room H - M1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
06D	Gutiérrez, Israel	Assessing Assessment Formats: The Current Picture	Crespo, Raquel;Delgado Kloos, Carlos;Gutiérrez Rojas, Israel	University Carlos III of Madrid (Spain)
	Crespo, Raquel M.	Aligning Assessment with Learning Outcomes in Outcome-based Education	Crespo, Raquel;Delgado Kloos, Carlos;Derntl, Michael; Gutiérrez Rojas, Israel;Leony, Derick;Najjar, Jad;Neumann, Susanne;Oberhuemer, Petra;Simon, Bernd;Totschnig, Michael	University of Vienna (Austria);University of Vienna (Austria);Wirtschaftsuniversität Wien (Austria);University Carlos III of Madrid (Spain)
	Pardo, Abelardo	Current Issues With Assessment Formats and Interoperability	Agea, Álvaro;Delgado Kloos, Carlos;Pardo, Abelardo	University Carlos III of Madrid (Spain)
	Simon, Bernd;Petra Oberhuemer;Delgado Kloos, Carlos	Interoperable Content for Performance in a Competency-driven Society: Results from the iCoper project	Simon, Bernd;Petra Oberhuemer;Delgado Kloos, Carlos	Wirtschaftsuniversität Wien (Austria);Universität Wien, (Austria);University Carlos III of Madrid (Spain)

10:30 - 11:00 - Coffee Break - Conference Palace (Lienzo Norte) - Avila

11:00 - 12:00 - Session 7 - Thursday, April 15th, 2010

Area 2: Innovative Competitions and Laboratories - Digital, Comm. and analytic issues - Chairman: Jose Salvado - room H - C1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
07A	García, Pablo	Collaborative Subjects for Embedded Systems Learning in the EHEA Frame: A Practical Approach	Cancelas, Jose A.;García, Pablo;González, Victor M.	University of Oviedo (Spain)
	Figuera, Carlos	Wireless4x4: an integrating learning experience for Telecommunications students	Alonso Atienza, Felipe;del Arco Fernández Cano, Eduardo;Figuera, Carlos;Gutiérrez Pérez, David; Morgado, Eduardo	University Rey Juan Carlos (Spain)
	Garcia, Miguel	Cooperative assessment in the hands on skills of computer networks subjects	Canovas, Alejandro;García, Miguel;Lloret, Jaime; Sendra, Sandra	Polytechnic University of Valencia (Spain)
	Metrolho, Jose Carlos	A Tool to Reveal the Students Work Activity Along an Academic Period	Cordeiro, Joao;Costa, Monica;Fontes, Ricardo; Metrolho, Jose Carlos	Polytechnic Institute of Castelo Branco (Portugal)

Area 3: Knowledge and Competencies Management - Knowledge - Chairman: Alfonso Pérez Gama - room H - C2 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
07B	Fernandez Nieto, Gloria Milena	Knowledge Management and organizational learning University-Company -Learn to Learn-	Guevara Bolaños, Juan Carlos;Fernández Nieto, Gloria Milena	Universidad Distrital Francisco Jose de Caldas (Colombia);Universidad Distrital Francisco Jose de Caldas (Colombia)
	Antón-Rodríguez, Míriam	Approach to Teaching Communications Systems by Collaborative Learning. Student Perceptions in the application of Problem-Based Learning.	Antón, Miriam;de Castro, Carlos;de la Torre, Isabel; Díaz, Francisco Javier;Díez, Jose Fernando;García, Enrique;López, Miguel;Sainz de Abajo, Beatriz	University of Cordoba (Spain);University of Valladolid (Spain)
	Gay Fernández, Jose Antonio	Platform for teaching of location technologies based on Zigbee Wireless Sensor Networks by learning-through-play theory	Alejos, Ana Vazquez;Gay Fernández, Jose Antonio; Gómez, Iñigo Cuiñas;García Sánchez, Manuel	University of Vigo (Spain)
	Antón-Rodríguez, Míriam	Adapting the Telecommunication Engineering curriculum to the EEES: a project based learning tied to several subjects	Antón, Miriam;Boto Giralda, Daniel;de la Torre, Isabel; Díaz Pernas, Francisco J.;Díez, Jose Fernando;González Ortega, David;López, Miguel;Martínez Zarzuela, Mario;Sainz de Abajo, Beatriz	University of Valladolid (Spain)

11:00 - 12:00 - Session 7 (cont.) - Thursday, April 15th, 2010

Area 4: Rethinking Pedagogy in Eng. Education - Project based learning and research - Chairman: Andreas Pester - room H - C3 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
07C	Martins, Scheila Wesley	A context for programming learning based on research communities	Figueiredo, António Dias;Martins, Scheila Wesley; Mendes, António José Nunes	University of Coimbra (Portugal)
	Friesel, Anna	Retaining electronic engineering students by project- and team-work from the first semester.	Friesel, Anna	Copenhagen University (Denmark)
	Vilanova, Ramon	The Use of Role Playing in Engineering Curricula: a Case Study in Human-Automation Systems	Amante García, Beatriz;Ponsa, Pere;Vilanova, Ramon	Technical University of Catalonia-UPC (Spain)
	Oliver, Joan	A Learning Approach Based on Robotics in Computer Science and Computer Engineering	Oliver, Joan;Toledo, Ricardo;Valderrama, Elena	Autonoma University of Barcelona (Spain)

Area 2: Laboratory Experiences: on-site and remote environments - On-line Labs - Chairman: Abdullah Y. Al-Zoubi - room H - M1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
07D	Maiti, Ananda	NETLAB: Online Laboratory Management System	Maiti, Ananda	Indian Institute of Technology (India)
	Costa, Ricardo Jorge Guedes da Silva Nunes da	Reconfigurable weblabs based on the IEEE1451 Std.	Alves, Gustavo Ribeiro da Costa;Costa, Ricardo Jorge Guedes da Silva Nunes da;Rela, Mário Zenha	Instituto Superior de Engenharia do Porto (Portugal);Universidade de Coimbra (Portugal)
	Sánchez Moreno, Francisco Manuel	The Montegancedo Astronomical Observatory. The first free remote observatory for learning astronomy	Cedazo León, Raquel;López Zamarrón, Diego;Sánchez Moreno, Francisco Manuel;Sebastián y Zúñiga, José María	Technical University of Madrid-UPM (Spain);Technical University of Madrid-UPM (Spain)

11:00 - 12:00 - Session 7 (cont.) - Thursday, April 15th, 2010

Area 5: Attracting and Retaining practices in Engineering Education - Chairman: Jaime Irarzun - room H - M2 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
07E	Monteiro, A. Caetano	The Role of Superior Education Institutions on Post-Secondary (Non Superior) Education	Machado, José;Monteiro, A. Caetano;Pelayo, Sofia; Reis, Cristina;Seabra, Eurico	Technological Association for the Professional Education of Beira Interior (AFTEBI) (Portugal);Textile Technological School (Portugal);University of Minho (Portugal)
	Waigandt, Diana Mónica	Action Research: A Way to Generate New Approaches to Teaching Mathematics in Bioengineering	Añino, María Magdalena;Perassi, Marisol;Waigandt, Diana Mónica	UNER (Argentina)
	Tseng, Ya Fen	Developing and Evaluating a Game-Based Project Management Learning Platform	Tseng, Ya Fen;Wang, Tsung Li	Chung Hwa University of Medical Technology (Taiwan, Republic of China);Shu-Te University, Kaohsiung (Taiwan, Republic of China)
	Tobajas, Félix B.	Efectiveness of a Peer Mentoring Program in Engineering Education	de Armas, Valentín;Morales, Asunción;Tobajas, Félix B.	University of Las Palmas de Gran Canaria (Spain)

12:15 - 13:15 - Session 8

Area 1: Learning Systems Platforms and Architectures - Virtual and Remote Labs - Chairman: Michael E. Auer - room H - C1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
08A	Cabrera, Margarita	GILABVIR: Virtual Laboratories and Remote Laboratories in Engineering.	Bragos, Ramon;Cabrera, Margarita;Casany, María José; Gironella, Xavier;Gomis, Oriol;Mariño, José B.;Pérez, Marimar;Rius, Juan Manuel	Technical University of Catalonia-UPC (Spain)
	San Cristobal Ruiz, Elio	Integration View of Web Labs and Learning Management Systems	Baley, Philip;Castro Gil, Manuel Alonso;DeLong, Kimberly;Hardison, James;Harward, Judson;San Cristobal Ruiz, Elio	Spanish University for Distance Education-UNED (Spain);Massachusetts Institute of Technology-MIT (USA)
	Vázquez Martínez, Juan	VirtuaLab, a Teaching/Learning System for 8 and 32 bits Microcontrollers	Manzanares Bolea, Rodrigo;Martínez Bejarano, Roberto;Sánchez Reillo, Raul;Vázquez Martínez, Juan	University Carlos III of Madrid (Spain)
	Al-Zoubi, Abdullah Y.	Implementation of a Remote Analog and Digital Communications Lab for e-Learning	Abu Aisheh, Akram;Eppes, Tom E.;Al Zoubi, Abdullah Y.	Princes Sumaya University for Technology (Jordania);University of Hartford (USA)

12:15 - 13:15 - Session 8 (cont.) - Thursday, April 15th, 2010

Area 4: Active Learning - Methodologies and analytic studies - Chairman: Craig Watterson - room H - C2 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
08B	Pasman, Gert	Bringing the everyday life into engineering education	Mulder, Ingrid;Pasman, Gert	Delft University of Technology (Netherlands, The)
	Llamas-Nistal, Martin	Use of E-Learning functionalities: results of a survey along Spain	Arcega Solsona, Francisco;Caeiro Rodríguez, Manuel; Carpio, Jose;Castro Gil, Manuel Alonso;Díaz, Gabriel; Domínguez, Manuel;Falcone, Francisco;Jurado, Francisco; Llamas Nistal, Martín;Mur, Francisco; Pastor, Rafael;Plaza, Inmaculada;Sánchez, Francisco; Sánchez, José Ángel;Tovar, Edmundo	Public University of Navarra (Spain);Spanish University for Distance Education-UNED (Spain);Technical University of Madrid-UPM (Spain);University of Jaen (Spain);University of Leon (Spain);University of Vigo (Spain);University of Zaragoza (Spain)
	Flores-Arias, Jose-Maria	Active Learning in Power Electronics	Bellido, F.J.;Flores Arias, Jose María;Linan, M.; Moreno Muñoz, A.	University of Cordoba (Spain)
	Romá, Miguel	Learning engineering by teaching engineering in the European Higher Education Area	Pueo, Basilio;Romá, Miguel	University of Alicante (Spain)

Area 2: Design Experiences - Subject methodologies in design - Chairman: Nevena Mileva - room H - C3 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
08C	Vallejo, Enrique	Design of an Introductory Networking subject in advance of the European Higher Education Area: Challenges, experiences and open issues	García, Eduardo;Vallejo, Enrique	Sistema 1 S.L (Spain);University of Cantabria (Spain)
	Carroll, John M.	Integrating People and Technology By Design: Design-First Instruction for Introductory Students in Information Technology	Carroll, John M.;Rosson, Mary Beth	Pennsylvania State University (USA)
	Gonzalez Gonzalez, Carina S.	Integrating the Design Thinking into the UCD's methodology	González González, Carina S.	University of La Laguna (Spain)
	Diaz Lantada, Andres	Toy Design Experience: Improving Student's Motivation and Results in a Final Year Subject	Díaz Lantada, Andres;Echavarri Otero, Javier;Lafont Morgado, Pilar;Muñoz García, Julio;Muñoz Guijosa, Juan Manuel;Muñoz Sanz, José Luis	Technical University of Madrid-UPM (Spain)

12:15 - 13:15 - Session 8 (cont.) - Thursday, April 15th, 2010

Area 3: General Issues in Engineering Education - Innovative Experiences - Chairman: Jaime Sánchez - room H - M1 - Conference Palace (Lienzo Norte) - Avila

	Presenting Author	Title	Authors	Organizations
08D	Sánchez-Alejo, Francisco Javier	The developing of personal and professional skills in automotive engineers through university competitions	Álvarez, Miguel Angel;Aparicio, Francisco;Galindo, Ernest;Sánchez Alejo, Francisco Javier	Institut Supèrier de l'Automobile et des Transports (France);Technical University of Madrid-UPM (Spain)
	Andrés-Gutiérrez, Juan José	MotionLab	Andrés Gutiérrez, Juan José;González, Miguel;Zayas Gómez, David	Telefónica R&D (Spain);University of Valladolid (Spain)
	Jordá-Albiñana, Begoña	Reflections about Teaching Engineering Graphics: Knowledge and Competencies Management	Jordá Albiñana, Begoña;Rojas Sola, José Ignacio	Technical University of Valencia-UPV (Spain);University of Jaén (Spain)
	Piedra, Nelson	Measuring collaboration and creativity skills through rubrics	Chicaiza, Janneth;López, Jorge;Piedra, Nelson;Romero, Audrey;Tovar, Edmundo	Technical Particular University of Loja (Ecuador);Technical University of Madrid-UPM (Spain)

13:15 - 13:45 - Refreshment Break - Conference Palace (Lienzo Norte) - Avila

13:45 - 14:30 - Keynote Speaker Session - room H - SC - Conference Palace (Lienzo Norte) - Avila

Patricia Manson - Head of Unit, Cultural Heritage and Technology Enhanced Learning - Directorate General Information Society and Media of the European Commission	Learning in the 21st century: Technology-Enhaced Learning and European research

14:30 - 14:45 - EDUCON Awards ceremony - room H - SC - Conference Palace (Lienzo Norte) - Avila

IEEE EDUCON 2010 Meritorious Service Award - Dr. Russell D. Meier

IEEE Education Society Chapter Achievement Award 2009 - Portugal Chapter - Jose Salvado, Jose Carlos Metrolho, Co-Chairs

14:45 - 16:00 - Cocktail - Conference Palace (Lienzo Norte) - Avila

16:30 - Avila Guided Tour - buses from the Conference Palace (Lienzo Norte) - Avila

19:00 - Social Activity Los Talaos - Conference Palace (Lienzo Norte) - Avila

21:00 - Dinner in Palacio Los Velada - buses from the Conference Palace (Lienzo Norte) - Avila

23:00 - Bus back to Madrid - buses from the Palacio los Velada - Avila

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Friday, April 16th, 2010

9:30 - 12:00 - Registration Open - Forestry Engineering building - UPM

9:30 - 10:30 - Session 9

Area 1: Uses of Technology in the Classroom - Learning Experiences - Chairman: Cristophe Gravier - room M - 2 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09A	Barone, Dante Augusto Couto	Challenges in an Emerging Country: A Digital Divide Case Using Robotics	Barone, Dante Augusto Couto;Gomes, Marcelo Carboni;Horwath, Karla Chagas	UFRGS (Brazil)
	Leo, Tommaso	Team Teaching for Web Enhanced Control Systems Education of Undergraduate Students	Falsetti, Carla;Leo, Tommaso;Manganello, Flavio; Pistoia, Antonio	Technical University delle Marche (Italy)
	Premchaiswadi, Wichian	Enhancing Learning Systems by using Virtual Interactive Classrooms and Web-based Collaborative Work	Jongsawat, Nipat;Premchaiswadi, Wichian; Tungkasthan, Anucha	Siam University (Thailandia)
	Alvarez, Teresa	How can Apache help to teach and learn automatic control?	Álvarez, Teresa;Francisco, Jesús;Herrero, David; Madrigal, David	University of Valladolid (Spain)

Area 4: Active Learning - Collaborative learning - Chairman: Rachida Ajhoun - room M - G - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09B	Martinich, Leslie P	Retaining and Retraining: An Innovative Approach to Educating Engineers in a Changing Economy	Martinich, Leslie P;Polito, Catherine	Engineering Leadership Institute-Competitive Focus (USA);University of Texas at Austin (USA)
	Martín, Estefanía	Active Learning in Telecommunication Engineering: A case study	Hernán Losada, Isidoro;Lázaro, Carlos;Martín, Estefanía	University Rey Juan Carlos (Spain)
	Sim, Tze Ying	Reviews and Findings on Implementing Active Learning in a Large Class Environment	Sim, Tze Ying;Vogel-Heuser, Birgit	University Kassel (Germany);Technische Universität München (Germany)
	Muñoz-Fernández, Isabel	Cooperative Learning vs. Project Based Learning: a practical case	García Martín, Javier;López Puche, Pilar;Muñoz Fernández, Isabel;Pérez Martínez, Jorge Enrique;Sierra Alonso, Almudena	Technical University of Madrid-UPM (Spain);University Rey Juan Carlos (Spain)

9:30 - 10:30 - Session 9 (cont.) - Friday, April 16th, 2010

Area 1: Collaborative and Social Technologies - Coll. and projects works - Chairman: Marinela Garcia Fernandez - room M - FP - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09C	Carroll, John M.	Distributed Collaborative Homeworks: Learning Activity Management and Technology Suppor	Borge, Marcela;Carroll, John M.;Ganoe, Craig;Jiang, Hao	The Pennsylvania State University (USA)
	Vasileva, Tania Krumova	Tools for Collaborative Development of Visual Models and Languages	Allert, Heidrun;Richter, Christoph;Tchoumatchenko, Vassiliy Platonovitch;Vasileva, Tania Krumova	Technical University of Sofia (Bulgaria)
	Hasna, Abdallah	Embedding Sustainability in Capstone Engineering Design Projects	Hasna, Abdallah	The University of Southern Queensland (Australia)
	Raud, Zoja	Project-Based Collaborative Learning of Electrical Master Students	Raud, Zoja;Vodovozov, Valery	Tallinn University of Technology (Estonia)

Area 4: e-Assessment and new Assessment Theories and Methodologies - Theories - Chairman: Fernando Pescador - room M - 7 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09D	Wyne, Mudasser F.	Ensure Program Quality: Assessment A Necessity	Wyne, Mudasser F.	National University (USA)
	Yaman, Seniz	Paper-Based versus Computer-Based Testing in Engineering Education	Cagiltay, Nergiz;Yaman, Seniz	Atilim University (Turkey)
	Samoila, Cornel	Methods of the quality assurance applied at remote laboratory selection	Cotfas, Daniel;Cotfas, Petru;Samoila, Cornel;Stefan, Alexandru;Ursutiu, Doru	Transylvania University of Brasov (Romania);Bloomfield College (USA)
	Pierce McMahon, Joana	Introducing alternative assessment into engineering language education at the Madrid Technical University	Durán Escribano, Pilar;Pierce McMahon, Joana;Ubeda Mansilla, Paloma	Technical University of Madrid-UPM (Spain)

9:30 - 10:30 - Session 9 (cont.) - Friday, April 16th, 2010

OCW-Universia Special Session: OCW and Open Educational Resources - Chairman: Edmundo Tovar - room M - M - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09E	Tovar, Edmundo	OCW Consortium: learning through the worldwide sharing and use of free, open, high-quality education materials organized as courses	Tovar, Edmundo	Technical University of Madrid-UPM (Spain)
	Aranzadi, Pedro	Role of regional consortia in OCWC: OCW-Universia	Aranzadi, Pedro; Capdevilla, Ramón	Universia (Spain)
	Carson, Stephen E; Forward, Mary Lou	Development of the OCW Consortium	Carson, Stephen E; Forward, Mary Lou	MIT OpenCourseWare - OpenCourseWare Consortium

VISIR Special Session: Workshop on VISIR electrical and electronic remote lab - Chairman: Javier García-Zubía - room M - A3 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
09F	Garcia-Zubía, Javier; Gustavsson, Ingvar	Workshop on VISIR electrical and electronic remote lab: Principles and educational view	Garcia Zubía, Javier; Gustavsson, Ingvar	Faculty of Engineering, University of Deusto (SPAIN); Blekinge Institute of Technology, (Sweden).

10:30 - 11:00 - Coffee Break - Forestry Engineering building - UPM

11:00 - 12:00 - Session 10

Area 1: Adaptive and Personalized Technology-Enhanced Learning - Chairman: Doru Ursutiu - room M - 2 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
10A	Duda, Andrzej	Indexing and Searching Learning Objects in a Peer-to-Peer Network	Bulkowski, Aleksander;Duda, Andrzej;Nawarecki, Edward	Grenoble Institute of Technology (France);AGH University of Science and Technology (Poland)
	Madeira, Rui Neves	Public Displays and Mobile Devices in an Augmented Objects Framework for Ubiquitous Learning	Madeira, Rui Neves	ESTSetúbal/IPS (Portugal)
	Perez-Rodriguez, Roberto	Adaptation in a PoEML-based E-learning Platform	Anido Rifon, Luis;Caeiro Rodríguez, Manuel;Pérez Rodríguez, Roberto	University of Vigo (Spain)
	Ajhoun, Rachida	Madar learning : learning envirnment for E&M learning	Najima, Daoudi;Ajhoun, Rachida	ENSIAS UM5S (Morocco));ENSIAS UM5S (Morocco)

Area 3: Specific Engineering Disciplines - Proffesional Developments - Chairman: Cornel Samoila - room M - G - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
10B	Page, Helen	ESA Hands-on Space Education Project Activities for University Students: Attracting and Training the Next Generation of Space Engineers	Walker, Roger;Galeone, P.; Page, Helen; Castro, A.; Emmna, F.; Callens, N.; Ventura-Traveset, J.	European Space Agency (Netherlands, The);ESA Education Office (Spain)
	Galán, Santos	A competitive collaborative learning experience in chemical plant design	Galán, Santos	Technical University of Madrid-UPM (Spain)
	McIntyre, Michael	Introducing Project Management Theory into a Capstone Design Sequence	McIntyre, Michael;Wilson, Stacy	Western Kentucky University (USA)
	Romanovs, Andrejs	Information Technology in Logistics: Teaching Experiences, Infrastructure and Technologies	Merkuryev, Yuri;Romanovs, Andrejs;Soshko, Oksana	Riga Technical University (Latvia)

Area 2: Virtual Worlds for Acad., Org., Life-long Learning and training - Virtual media and tools - Chairman: Michael E. Auer - room M - FP - Forestry Eng. building - UPM

	Presenting Author	Title	Authors	Organizations
10C	Gil, Charo	Fingerprint Identification in LMS and its Empirical Analysis of Engineer Students' Views	Castro Gil, Manuel Alonso;Díaz, Gabriel;Gil, Rosario	Spanish University for Distance Education-UNED (Spain)
	Muñoz, Javier	A Virtual Photovoltaic Power Systems Laboratory	Díaz, Pablo;Muñoz, Javier	Technical University of Madrid-UPM (Spain);University of Alcalá (Spain)
	Garbi Zutin, Danilo	Lab2go - A Repository to Locate Educational Online Laboratories	Auer, Michael E.;Garbi Zutin, Danilo;Maier, Christian;Niederstätter, Michael	Carinthia University of Applied Sciences (CUAS) (Austria)

Telefónica Special Session: Telefonica University Chairs Network - Chairman: Fabián García-Pastor - room M - M - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
10D	García-Pastor, Fabian	Telefónica University Chairs Network	García Pastor, Fabian	Telefónica (Spain)
	Val, Jose Luis del	LMS and Web 2.0 Tools for e-Learning: University of Deusto´s Experience.Taking Advantage of Both	Val, Jose Luis del	University of Deusto (Spain)
	Jofre, Lluis	Attracting Student Vocations into Engineering Careers. EnginyCAT: Catalonia Promotional and Prospective Plan	Jofre, Lluis	Polytechnic University of Cataluña (Spain)
	Lozano-Tello, Adolfo	The LULA Project by the Telefónica Chair of the University of Extremadura - LULA Linux Distribution for Latin American Universities	Blanco Galán, Marcos;Lozano Tello, Adolfo	University of Extremadura (Spain)

Area 5: Lifelong Learning and Nontraditional Students - Practical experiences - Chairman: Gabriel Diaz - room M - 7 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
10E	Zimmermann, Martin	Experiences in Using Integrated Multimedia Streaming Services to Support E-Learning in Manufacturing Processes	Zimmermann, Martin	University of Applied Sciences Offenburg (Germany)
	Arias, Manuel	Influence of PBL Practical Classes in Microcontroller-Based Digital Systems Learning	Arias, Manuel;F. Linera, Francisco;G. Lamar, Diego; Hernando, Marta;Rodríguez, Alberto	University of Oviedo (Spain)
	García Doval, Fátima Mª	TICTAC: Information and Communication Technologies for Augmentative Communication Boards	García Doval, Fátima Mª;Pousada Carballo, José Mª; Vez Jeremías, José Manuel	CEE Manuel López Navalón (Spain);Education Sciences Institute-USC (Spain);University of Vigo (Spain)
	Montero, Eduardo	Integrating digital video resources in teaching e-learning engineering courses	Beltrán de Heredia, Álvaro;González, María Jesús; Martínez, David;Montero, Eduardo	La Fresquera Producciones Audiovisuales, Burgos (Spain);University of Burgos (Spain)

VISIR Special Sess.: Practical Workshop on VISIR electric and electronic remote labs - Chairman: Javier García-Zubía - room M - A3 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
10F	Garcia-Zubía, Javier; Gustavsson, Ingvar	Workshop on VISIR electrical and electronic remote lab: Practical view	Garcia Zubía, Javier; Gustavsson, Ingvar	Faculty of Engineering, University of Deusto (SPAIN); Blekinge Institute of Technology, (Sweden).

12:15 - 13:15 - Session 11

Area 4: Learning Models - Methods - Chairman: Trond Clausen - room M - 2 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11A	Souhaib, Aammou	Adaptive hypermedia systems for e-learning	Ahmed, Ibrahimi;Kamal Eddine, El Kadiri;Mohamed, Khaldi;Souhaib, Aammou	Ecole Normale Supérieure (Morocco);Laboratory of Informatics, Research Operational and Statistic Applied (LIROSA) (Morocco)
	Ktoridou, Despo	Applying an Inductive Method to a New, Multidiciplinary, Management of Innovation & Technology Course: Evidence from the University of Nicosia	Ktoridou, Despo	University of Nicosia (Cyprus)
	Gonzalez Aragon, Manuel	Implantation of a Methodology based on Standard Supplements applied in Engineering Education	González Aragón, Manuel;Sebastián Pérez, Miguel Angel;Sevilla Hurtado, Lorenzo	Spanish University for Distance Education-UNED (Spain);University of Malaga (Spain)
	Exposito, Ernesto	yPBL methodology: a problem-based learning method applied to Software Engineering	Exposito, Ernesto	INSA-Toulouse (France)

Area 3: General Issues in Eng. Education - Theories and studies about learning layouts - Chairman: Darryl N. Williams - room M - G - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11B	Quesada, Jerónimo	A Systems Theory Perspective of Electronics in Engineering Education	Castro Gil, Manuel Alonso;Quesada, Jerónimo; Sebastián, Rafael	Spanish University for Distance Education-UNED (Spain)
	Vilanova, Ramon	Implementing new learning methodologies in the Hard Sciences: a cross curricular study of students' and professors acceptance	Amante García, Beatriz;Oliver, Sonia;Ponsa, Pere; Romero, Carmen;Vilanova, Ramon	Autonoma University of Barcelona (Spain);Autonoma University of Barcelona (Spain);Technical University of Catalonia-UPC (Spain);Technical University of Catalonia-UPC (Spain);UEM (Spain)
	Donnelly, Anne	Attracting, Retaining, and Preparing a Diverse Academic Engineering Workforce	Donnelly, Anne;Jacobi, Jane	Clemson University (USA);University of Florida (USA)

Area 2: Design Experiences - Tools and procedures - Chairman: Manuel Caeiro - room M - FP - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11C	Auriol, Guillaume	Design lab work in telecom	Auriol, Guillaume;Baron, Claude;Dilhac, Jean Marie; Fourniols, Jean Yves	University of Toulouse (France);University of Toulouse (France)
	Domingo, Rosario	Deep Drawing Tool for E-learning	Domingo, Rosario;Ramírez, F. Javier;Sebastián Pérez, Miguel Angel	Spanish University for Distance Education-UNED (Spain);University of Castilla - La Mancha (Spain)
	Medrano, Carlos	A review of electronic engineering design free software tools	Castro Gil, Manuel Alonso;Corbalán, Montserrat; García Sevilla, Francisco;Martínez Calero, José Daniel;Medrano, Carlos;Plaza, Inmaculada;Pou Felix, Josep	Spanish University for Distance Education-UNED (Spain);Technical University of Catalonia-UPC (Spain);University of Zaragoza (Spain)
	Gonzalez, Julio Jorge	Design of an Educational Oscilloscope	Enuma, Clara;González, Julio Jorge	SUNY New Paltz (USA)

12:15 - 13:15 - Session 11 (cont.) - Friday, April 16th, 2010

Area 1: Computer and Web based Software - Security and Data Bases - Chairman: Gabriel Díaz - room M - 7 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11D	Moss, Keith Edward	Database Teaching tools	Moss, Keith Edward	The Open University (United Kingdom)
	Gora, Wojtek	Management and Optimal Distribution of Large Student Numbers	Gora, Wojtek;Jeschke, Sabina;Lach, Gerald;Lübbe, Jan; Pfeiffer, Olivier Frédéric	RWTH Aachen Universit (Germany);Technische Universität Berlin (Germany)
	Hvorecky, Jozef	Enhancing Database Querying Skills by Choosing a More Appropriate Interface	Drlik, Martin;Hvorecky, Jozef;Munk, Michal	Constantine the Philosopher University in Nitra (Slovakia);Vysoká škola manažmentu (Slovakia);City University of Seattle (USA)
	Pastor, Vicente	State-of-the-art simulation systems for information security education, training and awareness	Castro Gil, Manuel Alonso;Díaz Orueta, Gabriel;Pastor, Vicente	Spanish University for Distance Education-UNED (Spain)

ANECA Special Sess.: New Directions in Eng. Accreditation, Quality and Course Design - Chairman: Mudasser F. Wyne - room M - M - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11E	Wyne, Mudasser F.	New Directions in Engineering Accreditation	Wyne, Mudasser F.	National University (USA)
	Duran, Alfonso	Course design approaches for the EHEA. Scaling up from pilots	Durán, Alfonso;Giraldo, Esmeralda;Somacarrera, María Luisa	European University of Madrid (Spain);University Carlos III of Madrid (Spain)
	Sánchez, Teresa	Engineering Accreditation in France and in Europe	Sánchez, Teresa	Comision de Titres d'Ingenieurs (CTI) (France)

Area 2: Laboratory Experiences: on-site and remote env. - Didactics for experimentation - Chairman: Michael E. Auer - room M - A3 - Forestry Engineering building - UPM

	Presenting Author	Title	Authors	Organizations
11F	Montero, Susana	Dual Instructional Support Materials for introductory object-oriented programming: classes vs. objects	Aedo, Ignacio;Díaz, Paloma;Díez, David;Montero, Susana	Carlos III University (Spain)
	Gravier, Christophe	Towards the loose coupling between LMS and Remote Laboratories in Online Engineering Education	Abdelaoui, NasrEddine;Belmekki, B.;Fayolle, Jacques; Gravier, Christophe	University of Sciences and Technologie of Oran (Algérie);TELECOM Saint-Etienne (France);University Jean Monnet Saint-Etienne (France)
	Barreto, Gilmar	Didactic videos about basic concepts on alternating current circuits	Barreto, Gilmar;Miguel, Paulo Victor de Oliveira;Murari, Carlos Alberto Favarin	UNICAMP (Brazil)

Friday (cont.), April 16th, 2010

13:15 - 13:45 Commute from Forestry Engineering building to UPM Rectorate building (10 min. walk or bus)

13:45 - 14:30 - Keynote Speaker Session - room R - P - Rectorate building - UPM

Javier Uceda - Rector of Technical University of Madrid	Innovation in Engineering Education

14:30 - 15:00 - EDUCON Closing ceremony and Awards - room R - P - Forestry Engineering building - UPM

15:00 - 16:00 - Cocktail - room R - P - Rectorate building - UPM

Non traditional presentations

	Submitting Author	Title	Authors	Organizations
66	Guevara Bolaños, Juan Carlos	Model of Virtual Laboratory	Guevara Bolaños, Juan Carlos;Luengas Contreras, Lely Adriana	Universidad Distrital Francisco Jose de Caldas (Colombia)
	Llamosa-Villalba, Ricardo	Higher Education Process Management Model, Educative Programs Improvement in Software Quality	Llamosa Villalba, Ricardo;Méndez, Sergio	Universidad Industrial de Santander UIS (Colombia)