2013 TEEM
Technological Ecosystems for Enhancing Multiculturality

14th - 16th November 2013 in Salamanca

http://teemconference.eu

Locations:

- Instituto Universitario de Ciencias de la Educación (IUCE)
  University of Salamanca
  Paseo de Canalejas, 169
  37008 Salamanca, Spain
  Phone: (+34) 923294500 (ext. 3433)
  Email: grial@usal.es

- Facultad de Traducción
  Calle Francisco Vitoria, 6,
  37008 Salamanca, Spain.

- Hospederia del Colegio Fonseca
  C/ Fonseca, 2
  37002 Salamanca

Thursday, 14th November 2013

8.30 (All day) Registration. Help Desk.
  Location: GRIAL Office (IUCE)

9.15 – 10.00 Openning address: **Rector's of University of Salamanca welcome. Daniel Hernández Ruipérez.**

Head of Educational Innovation and Teacher Training of the Junta de Castilla y León. Mª del Pilar González García.
  Location: Room 12 A (IUCE)

11.30 – 12.00 Coffee break
14.00 – 16.00 Lunch
21.30 GALA DINNER.
  Location: La Hoja 21 (C/San Pablo, 21)
  Social Plan
  Location: Posada de las Ánimas (Plaza San Boal)

Educational innovation

Thursday, 14th November
Room 12 A (IUCE)

10.00 – 10.30 *Presentation: Educational Innovation*. Ana García Valcárcel, Ana Iglesias Rodríguez and Juan José Mena Marcos.

10.30 – 10.50 *Knowledge management system for applying educational innovative experiences.* Marisa Sein Echaluce, Dolores Lerís, Ángel Fidalgo Blanco and Francisco J. García Peñalvo.

10.50 – 11.10 *Augmented reality uses in educational research projects: The "Falcones Project", a case study applying technology in the Humanities framework at high school level.* Isidro Navarro, Antonio Galindo and David Fonseca.

11.10 – 11.30 *A positive Thinking Training Application.* Spyros Argyropoulos, Euripides G.M. Petrakis and Panos Milios.

11.30 – 12.00 **Coffee break**

12.00 – 12.20 *Augmented safety in the laboratory with mobile technology.* Ana Belén González Rogado, Ana María Vivar Quintana and Izaskun Elorza.

12.20 – 12.40 *Gamification for Learning 3D Computer Graphics Arts.* Sergi Villagrasa Falip and Jaume Duran.

12.40 – 13.00 *Student Teachers' Attitude towards ePortfolios and Technology in Education.* Gemma Tur and Victoria I. Marín.

13.00 – 13.20 *Application of rubric in learning assessment: A proposal of application for engineering students.* Ana María Vivar Quintana, Ana Belén González Rogado, Ana Ramos Gavilán, Isabel Revilla Martín, María Ascensión Rodríguez Esteban, Teófilo Ausín Zorrilla and Juan Francisco Martín Izard.

13.20 – 13.40 *A virtual tool to improve the mathematical knowledge of engineering students.* Susana Nieto and Higinio Ramos.

13.40 – 14.00 *Engagement factors and motivation in e-learning and blended-learning projects.* Ruben Gutierrez Priego and Azahara Garcia Peralta.

14.00 – 16.00 **Lunch**

16.00 – 16.20 *How Elementary School Students Evaluat the Learning Strategy of Collaborative Projects Using ICT.* Ana Garcia Valcárcel and Verónica Basilotta.

16.20 – 16.40 *Multivariate study of the information literacy evaluation scale IL-HUMASS: Multidimensional scaling.* Fernando Martínez Abad.Susana Olmos Migueláñez, María José Rodríguez Conde and Juan Pablo Hernández Ramos.

16.40 – 17.00 *Mobile Learning: Tendencies and Lines of Research.* Francisco José García Peñalvo, Susana Olmos Migueláñez and José Carlos Sánchez Prieto.

17.00 – 17.20 *Are the architecture students prepared for the use of mobile technology in the classroom?* David Fonseca and Ernesto Redondo.

17.20 – 17.40 *Turning out a social community into a e-Learning platform for MOOC: the case of AbiertaUGR.* Rosana Montes and Miguel Gea.

17.40 – 18.00 *Collaborative work experiences in Level 5 ICT Primary Schools.* Mª Cruz Sánchez Gómez, Ana Iglesias Rodríguez and Concepción Pedrero Muñoz.

18.00 – 18.20 **Geomatics tools and education: status, integration and perception.** Jorge Joo.

18.20 – 18.40 *Contribution of Virtual Classrooms to the Personal Learning Environments (PLE) of the students of the Career of Informatics Applied to Education of National University of Chimborazo.* Patricio Humanante and Francisco José García Peñalvo.

18.40 – 19.00 *Virtual Teaching Tools: The Moodle (Studium) contribution to the evaluation activity.* Adriana Recamán Payo, Susana Olmos Miguelañez, Ana Iglesias Rodríguez and Fernando Martínez Abad.

Application of Mobile and Software As A Service (SAAS) in learning processes

Thursday, 14th November
Room 13 A (IUCE)

10.00 – 10.15 **Presentation:** *Application of Mobile and Software As A Service (SAAS) in learning processes.* Maria José Casany, Marc Alier and Enric Mayol.

10.15 – 10.30 *Cloud-based Simulation for Education: An Illustrative Scenario.* Rafael Cano Parra, Eduardo Gómez Sánchez, Miguel L. Bote-Lorenzo and José Antonio González Martínez

10.30 – 10.45 *M-PeopleNet: Mobile Human and Intellectual Capital Management based on the Cloud.* Ricardo Colomo Palacios, Eduardo Fernandes and Antonio de Amescua Seco

10.45 – 11.00 *MOOCs: Experimental Approaches for Quality in Pedagogical and Design Fundamentals.* Daniel Amo

11.00 – 11.15 *Using a pull mechanism for connecting an Informal Learning Collector with external applications.* Nelida Hierro, Nikolaos Galanis, Enric Mayol, Maria Jose Casany and Marc Alier

11.15 – 11.30 *Join The Board.* Nazareth Álvarez Rosado, Francisco J. García Peñalvo, Sergio Bravo Martín and Susana Álvarez Rosado

4th International Workshop on Software Engineering for E-learning (ISELEAR'13)

Thursday, 14th November
Room 13 A (IUCE)

Session 1. Architecture and frameworks

12.00 – 12.20   ***Design of a Semantic Web and OSGi based Middleware for ITS development.*** Taoufik Mastour and Maha Khemaja.

12.20 – 12.40   ***A Framework for Helping Developers in the Integration of External Tools into Virtual Learning Environments.*** Emilio Julio Lorenzo, Roberto Centeno and Miguel Rodriguez Artacho.

12.40 – 13.00   ***Design of a Haptic Simulator Framework for Modelling Surgical Learning Systems.*** Gonzalo Esteban, Camino Fernández, Miguel A. Conde and Vicente Matellán.

Session 2. Courseware and Assessment

13.00 – 13.20   ***An Instructional Design Approach for E-Active Courses.*** Lilia Cheniti Belcadhi and Sonia Ayachi Ghannouchi.

13.20 – 13.40   ***Computer-assisted assessment with item classification for programming skills.*** Carlos González Sacristán, Pablo Molins Ruano, Fernando Diez, Pilar Rodriguez and Sacha G.M.

13.40 – 14.00   ***A generative computer language to customize online learning assessments.*** Antonio Balderas, Iván Ruiz Rube, Juan Manuel Dodero and Manuel Palomo Duarte.

14.00 – 16.00   **Lunch**

Session 3. Methods I

16.00 – 16.20   ***A Process Model for the Generative Production of Interactive Simulations in Engineering Education.*** Daniel Rodríguez Cerezo, Mercedes Gómez Albarrán and José Luis Sierra Rodríguez.

16.20 – 16.40   ***Modeling TRAILER project methodology for the recognition, tagging and acknowledge of informal learning activities.*** Miguel Ángel Conde, Francisco José García Peñalvo and Camino Fernández Llamas.

16.40 – 17.00   ***Inclusive educational software design with agile approach.*** Carina Gonzalez, Pedro Toledo, Vanesa Muñoz, Maria A. Noda, Alicia Bruno and Lorenzo Moreno.

Session 3. Methods II

17.00 – 17.20   ***Preliminary Lessons from a Software Evolution Analysis of Moodle.*** Héctor J. Macho and Gregorio Robles.

17.20 – 17.40   ***A New AENOR Project for Measuring the Quality of Digital Educational Materials.*** Ana Fernández-Pampillón.

17.40 – 18.00   **Workshop Close**

Communication and cultural diversity

Thursday, 14th November
Room 16 A (IUCE)

12.00 – 12.30   **Presentation:** *Communication media and cultural diversity.* Juan-José Igartua Perosanz.

12.30 – 12.50   *Portraying Immigration in Spanish Prime-Time TV Fiction.* Isabel M. Barrios Vicente, Juan José Igartua, Félix Ortega, Javier Frutos, María Marcos and Valeriano Piñeiro.

12.50 – 13.10   *Is it a small world after all? Mapping intercultural competence in computer mediated communication users.* Lifen Cheng Lee and María Eugenia González Alafita.

13.10 – 13.30   *The role of public universities and the primary digital national newspapers in the dissemination of Spanish science through the Internet and Web 2.0.* María Dolores Olvera-Lobo and Lourdes López-Pérez.

13.30 – 13.50   *A Context Based Approach to Adapt Training Strategy for Handicraft Women from Third World Countries.* Valérie Monfort and Maha Khemaja.

Science 2.0 supported by Open Access Repositories and Open Linked Data

Thursday, 14th November
Hall (Faculty of Translation)

11.30 – 11.50   **Presentation:** *Science 2.0 supported by Open Access Repositories and Open Linked Data.* Tránsito Ferreras Fernández, José A. Merlo Vega and Francisco J. García Peñalvo.

11.50 – 12.10   *Linked Open Bibliographic Data.* Ana Ríos Hilario, Tránsito Ferreras Fernández and Diego Martín Campo.

12.30 – 12.50   *Interlinking Educational Data: an Experiment with GLOBE Resources.* Enayat Rajabi, Miguel Angel Sicilia and Salvador Sanchez Alonso.

12.50 – 13.10   *Metadata Mapping to describe Learning Objects and Educational Apps in the GREDOS.* Erla Mariela Morales Morgado, Rosalynn Argelia Campos Ortuño, Ling Ling Yang and Tránsito Ferreras-Fernández.

13.10 – 13.30   *Impact of Scientific Content in Open Access Institutional Repositories. A case study of the Repository Gredos.* Tránsito Ferreras-Fernández, José A. Merlo Vega and Francisco J. García Peñalvo.

Friday, 15th November 2013

Help desk   *Location: GRIAL Office (IUCE)*
10.45 – 11.15   Coffee break
14.00 – 16.00   Lunch

Technological advances and teaching innovation applied to Health Sciences education

Friday, 15th November
Room 12 A (IUCE)

8.45 – 9.15   **Presentation:** *Technological advances and teaching innovation applied to Health Sciences education.* Juan A. Juanes and Pablo Ruisoto.

9.15 – 9.30   *Assessment-oriented Java development vs. Clickers' use in formal assessment of basic principles of dental radiology: the opinion of dentistry students.* María José Rodríguez Conde, Francisco Javier Cabrero Fraile, Alberto Cabrero Hernández, Juan Juanes Méndez, Javier Borrajo Sánchez and Blanca García Riaza.

9.30 – 9.45   *Medical training for echo-guided infiltration of Botulinum toxin by an echograph simulator.* Javier Nieto Blasco, Pablo Alonso Hernández, Juan A. Juanes, Jose A. Santos Sánchez, Felipe Hernández Zaballos, Vidal Moreno Rodilla, Fco. Javier Serrano Rodríguez, Belén Curto Diego and Jesús A. Alaejos Fuentes.

9.45 – 10.00   *Digital Viewer for Learning Regional Anaesthesia.* Juan A. Juanes, Pablo Alonso, Felipe Hernández, Pablo Ruisoto, José A. Santos and Clemente Muriel.

10.00 – 10.15   *Using an E-learning Platform in Hospital Training (Buendía e Izquierdo).* Felix Buendia Garcia, Juan Vicente Izquierdo Soriano and Eduardo Tabernero Alba.

10.15 – 10.30   *Health Education at La Ribera Universitary Hospital.* Juan Vicente Izquierdo, Felix Buendia Garcia and Jose Luis Ortega Monzo.

10.30 – 10.45   *Advanced Neuroimage Processing for the Study of the Neurovascular System.* Andrés Framiñán, Pablo Ruisoto, Diana García and Juan A. Juanes.

10.45 – 11.15   **Coffee Break**

11.15 – 11.30   *Building 3D Models for Reconstructing a Virtual Cataract Surgery Haptic Simulation.* Antonio Coca, Helia Estévez, Camino Fernández and Gonzalo Esteban.

11.30 – 11.45   *Visualization and Interactive Systems Applied to Health Science Education.* Juan A. Juanes, Pablo Ruisoto, Alberto Prats, Francisco J. Cabrero, Andrés Framiñán, Juan C. Paniagua and Juan J. Gómez.

11.45 – 12.00   *Advances in teaching and learning of clinical and surgical basic surgical skills in Medical School.* Marcelo F. Jimenez, Maria Jose Rodriguez, Gonzalo Varela, Francisco S. Lozano, Francisco J. Garcia, Susana Olmos and Fernando Martinez.

12.00 – 12.15 *Teaching the eloquent areas of the brain by neuroimaging: functional magnetic resonance and difussion tensor tractography.* Patricia Carreno Moran, Juan A. Juanes Mendez, Juan C. Paniagua Escudero and Joaquin Benito Diaz.

12.15 – 12.30 *3D PDF Technology Combined with JavaScript Functions Enables the Creation and Visualization of Interactive 3D Presentations.* Marija Mavar Haramija, Alberto Prats Galindo, Clara Berenguer Escuder, Juan A. Juanes Méndez and Anna Puigdelívoll Sánchez.

12.30 – 12.45 *Virtual Congresses for Pharmaceutical Learning.* Ana Martín Suárez, Juan Cruz Benito, Jonás Samuel Pérez Blanco, Mª del Carmen Gutiérrez Millán, Aránzazu Zarzuelo Castañeda, Mª José de Jesús Valle, Hinojal Zazo Gómez, Cristina Maderuelo Martín, José Manuel Armenteros del Olmo and José Martínez Lanao.

A robot in the classroom

Friday, 15th November
Room 12 A (IUCE)

16.00 – 16.20 **Presentation:** *A robot in the classroom.* B. Curto and V. Moreno.

16.20 – 16.40 *Inside the maze: who would fin the cheese first, a robot or a mouse? Teaching IT using robots.* J. F. García Sierra, F. J. Rodríguez Lera, C. Fernández Llamas and V. Matellán Olivera.

16.40 – 17.00 *Lessons Learned form Robot-In-Class Projects Using LEGO NXT and Some Recommendations.* H. Altun, O. Korkmaz, A. Ozkaya and E. Usta.

17.00 – 17.20 *A new approach to Robotics teaching at Computer Science Engineering degree based on action-research.* K. Pittí, B. Curto, V. Moreno and F. J. Blanco.

17.20 – 17.40 *Resources and Features of Robotics Learning Environments (RLEs) in Spain and Latin America.* K. Pittí, B. Curto, V. Moreno and M.ª J. Rodríguez.

17.40 – 18.00 *A PBL approach using virtual and real robots (with BYOB and LEGO NXT) to teaching learning key competences and standard curricula in Primary level.* A. Pina, J. Arlegui and M. Moro.

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A promised land for educational decision making? Present and future of learning analytics

Friday, 15th November
Room 16 A (IUCE)

11.15 – 11.25   Presentation: *A promised land for educational decision-making? Present and future of learning analytics.* Miguel Á. Conde and Ángel Hernández-García.

11.25 – 11.30   *Real-time Learning Analytics in Educational games.* Miroslav Minovic and Milos Milovanovic.

11.30 – 11.35   *Tap into Visual Analysis of the customization of grouping of activities in eLearning.* Diego Alonso Gómez Aguilar, Francisco J. García Peñalvo and Roberto Therón.

11.35 – 11.40   *A method to form learners groups in computer-supported collaborative learning systems.* Rafael Duque Medina, Domingo Gomez Perez, Alicia Nieto Reyes and Crescencio Bravo Santos.

11.40 – 11.45   *Psychometric study of a questionnaire for the assessment of factors associated with the choice of degrees and universities in the Spanish public system.* Antonio Hervas, Joan Guardia i Olmos, Maribel Pero, Pedro Pablo Soriano and Roberto Capilla.

11.45 – 11.50   *An architecture for extending the learning analytics support in the Khan Academy framework.* Jose A. Ruiperez Valiente, Pedro J. Muñoz Merino and Carlos Delgado Kloos.

11.50 – 11.55   *A Semantic approach to Mobile Learning Analytics.* Giovanni Fulantelli, Davide Taibi and Marco Arrigo.

11.55 – 13.00   **Discussion**

New publishing and scientific communication ways: Electronic edition and digital educational resources

Friday, 15th November
Room 13 A (IUCE)

12.00 - 12.20   Presentation: *New publishing and scientific communication ways: Electronic edition and digital educational resources.* J. A. Cordón García and Raquel Gómez-Díaz.

12.20 - 12.40   *The digital readout at the crossroads: the gaps of documentary heritage.* Jose Antonio Cordon Garcia, Raquel Gomez Diaz and Julio Alonso Arevalo.

12.40 - 13.00   *The digital reading as a product of the evolution of information: books between screens.* Taisa Dantas.

13.00 - 13.20   *Towards a social reader: a mobile application to evaluate e-reading capabilities.* Ramón Álvarez Tapia, Patricia Martín Rodilla and Ángel Oliva.

13.20 - 13.40   *B-on's evolution and its contribution to the development of Portuguese science.* Teresa Costa, Carlos Lopes and Francisco Vaz.

13.40 - 14.00   *English Abstract in Electronic Translation Studies Journals in Spain.* Daniel Linder.

Doctoral consortium. Education in Knowledge Society. A new PhD Programme approach

Friday, 15th November

Room 13 A (IUCE)

9.00 – 9.10   **Presentation:** *Doctoral consortium. Education in Knowledge Society. A new PhD Programme approach.* Francisco J. García-Peñalvo y María Esperanza Herrera García.

9.10 – 9.20   *Evaluation of results of two methods, in-person vs online, for a competences development programme for conflict resolution in sencondary education teachers.* Eva María Torrecilla Sánchez, María José Rodríguez Conde, María Esperanza Herrera García and Susana Olmos Migueláñez.

9.20 – 9.30   *The technological model in the school guidance into digital educational resources.* Adriana Recamán Payo, Santiago Nieto Martín and Eva María Torrecilla Sánchez.

9.30 – 9.40   *Development and evaluation of emotional competences in secondary education teachers. Design of an applied research.* Patricia Torrijos Fincias and Juan Francisco Martin Izard.

9.40 – 9.50   *Introducing media literacy at school: new devices, new contents at the curriculum. A case study.* Ana Perez Escoda.

9.50 – 10.00   *Features of public librariestoday: Focus groups as a technique for the study of the social representation of the library.* João Guerreiro and Ana B. Ríos Hilario.

10.00 – 10.10   *Moderation and its relationship with the participation and knowledge building through chat.* Marcela Martínez Preciado and María José Rodríguez Conde.

10.10 – 10.45   **Discussion**

Formal and informal learning experiences in multicultural scopes

Friday, 15th November

Room 16 A (IUCE)

16.00 – 16.20   **Presentation:** *Formal and Informal learning experiences in multicultural scopes.* Francisco J. García Peñalvo, Alicia García Holgado and Juan Cruz Benito.

16.20 – 16.30   *Using the TRAILER tool for Managing Informal Learning in academic and professional contexts: the learner perspective.* Clara Viegas, Maria Marques, Gustavo Alves, Nikolas Galanis, Francis Brouns, Jose Janssen, Elwira Waszkiewicz, Aleksandra Mykowska, Valentina Zangrando, Alicia Garcia Holgado, Miguel Angel Conde Gonzalez and Francisco J. Garcia-Penalvo.

16.30 – 16.40   *E-portfolios in lifelong learning.* Francis Brouns, Hubert Vogten, José Janssen and Anton Finders.

16.40 – 16.50   *Competence Web-Based Assessment for lifelong learning.* Mounira Ilahi, Lilia Cheniti Belcadhi and Rafik Braham.

16.50 – 17.00   *Early Professional Biographies - On the career entry and work experience of BA graduates in "Social Work".* Matthias Moch.

17.00 – 17.10   *A methodology proposal for developing Adaptive cMOOC.* Ángel Fidalgo Blanco, Francisco J. García Peñalvo and Marisa Sein Echaluce.

17.10 – 17.20   *Analyzing users' movements in Virtual Worlds: discovering engagement and use patterns.* Juan Cruz Benito, Roberto Therón, Francisco J. García Peñalvo and Emiliana Pizarro Lucas

17.20 – 17.30   *The evolution of the technological ecosystems: an architectural proposal to enhancing learning processes.* Alicia García Holgado, Francisco J. García Peñalvo.

17.30 – 17.45   **Keynote presentation.** Nicholas Alfred Kearney

17.45 – 18.00   **Keynote presentation.** David Griffiths

18.00 – 19.00   **Panel discussion**

Saturday, 16th November 2013 (Workshop)

All of the day's activities will be held in the "Aula Menor" in the "Hospederia del Colegio Fonseca".

10.00 – 10.25   **Keynote speaker**. Alfredo Mateos, Head of *Oficina de Transferencia de Resultados de Investigación (OTRI)*

10.25 – 10.50   **Keynote speaker**. Mª Goretti Alonso de Castro, cordinator of *Área de Evaluación y Control Organismo Autónomo Programas Educativos Europeos*.

10.50 – 11.15   **Keynote speaker.** *Agencia de Innovación, Financiación e Internacionalización Empresarial*

11.15 – 11.45   **Coffee break**

11.45 – 13.15   **Project presentations.**

   Each presentation will take 7 minutes.

13.15 – 14.00   **Panel discussion**

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Time	Thursday, 14th	Friday, 15th	Saturday, 16th
8.30	Registration (open the whole day) **GRIAL Office (IUCE)**		
8.45			
9.00			
9.15	Aperture **Room 12 A (IUCE)**	Technological advances and teaching innovation applied to Health Sciences education **Room 12 A (IUCE)**	
9.30			
9.45			
10.00	Application of Mobile and Software As A Service (SAAS) in learning processes **Room 13 A (IUCE)** / Educational innovation **Room 12 A (IUCE)**		Keynote speaker (OTRI) **Aula Menor (Hospedería Fonseca)**
10.15			
10.30			Keynote speaker (UE) **Aula Menor (Hospedería Fonseca)**
10.45		Coffee break	
11.00			Keynote speaker (ADE) **Aula Menor (Hospedería Fonseca)**
11.15			
11.30	Coffee break / Science 2.0 supported by Open Access Repositories and Open Linked Data Hall (Faculty of Translation and Documentation) **Hall (Faculty of Translation and Documentation)** / Coffee break	Technological advances and teaching innovation applied to Health Sciences education **Room 12 A (IUCE)**	Coffee break
11.45			
12.00	4th International Workshop on Software Engineering for E-learning (ISELEAR'13) **Room 13 A (IUCE)** / Communication and cultural diversity **Room 16 A (IUCE)** / Educational innovation **Room 12 A (IUCE)**	New publishing and scientific communication ways: Electronic edition and digital educational resources **Room 13 A (IUCE)** / A promised land for educational decision making? Present and future of learning analytics **Room 16 A (IUCE)**	Project presentations **Aula Menor (Hospedería Fonseca)**
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13.30			Panel discussion
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16.00	4th International Workshop on Software Engineering for E-learning (ISELEAR'13) **Room 13 A (IUCE)** / Educational innovation **Room 12 A (IUCE)**	A robot in the classroom **Room 12 A (IUCE)** / Formal and informal learning experiences in multicultural scopes **Room 16 A (IUCE)**	
16.15			
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21.30	Gala Dinner **La Hoja 21 (C/San Pablo, 21)** Social Plan **Posada de las Ánimas (Plaza San Boal)**		
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