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.

• Hospedería 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  Opening 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)
<table>
<thead>
<tr>
<th>Time</th>
<th>Title</th>
<th>Presenters</th>
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<tbody>
<tr>
<td>10.00</td>
<td><strong>Presentation: Educational Innovation.</strong> Ana García Valcárcel, Ana</td>
<td>Iglesias Rodríguez and Juan José Mena Marcos.</td>
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<tr>
<td>10.30</td>
<td>Knowledge management system for applying educational innovative</td>
<td>Experiences. Marisa Sein Echaluce, Dolores Lerís, Ángel Fidalgo Blanco and Francisco J. García Peñalvo.</td>
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<td>10.50</td>
<td>Augmented reality uses in educational research projects: The &quot;Falcons</td>
<td>Project&quot;, a case study applying technology in the Humanities framework at high school level.</td>
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<td>11.10</td>
<td>A positive Thinking Training Application. Spyros Argyropoulos,</td>
<td>Euripides G.M. Petrakis and Panos Milios.</td>
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<td>11.30</td>
<td><strong>Coffee break</strong></td>
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<td>12.00</td>
<td>Augmented safety in the laboratory with mobile technology. Ana Belén</td>
<td>González Rogado, Ana María Vivar Quintana and Izaskun Elorza.</td>
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<td>12.40</td>
<td>Student Teachers’ Attitude towards ePortfolios and Technology in</td>
<td>Education. Gemma Tur and Victoria I. Marín.</td>
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<td>13.00</td>
<td>Application of rubric in learning assessment: A proposal of application</td>
<td>for engineering students. Ana María Vivar Quintana, Ana Belén González Rogado, Ana Ramos</td>
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<td>13.20</td>
<td>to improve the mathematical knowledge of engineering students.</td>
<td>Gavilán, Isabel Revilla Martín, María Ascensión Rodríguez Esteban, Teófilo Ausín Zorrilla and</td>
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<td>14.00</td>
<td><strong>Lunch</strong></td>
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<td>16.00</td>
<td>How Elementary School Students Evaluate the Learning Strategy of</td>
<td>Collaborative Projects Using ICT. Ana García Valcárcel and Verónica Basiliotta.</td>
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</table>
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
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.


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 Rodríguez and Sacha G.M.


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


17.40 – 18.00 Workshop Close
## Communication and cultural diversity

**Thursday, 14th November**  
**Room 16 A (IUCE)**

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<th>Time</th>
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<tr>
<td>12.00 – 12.30</td>
<td>Presentation: <em>Communication media and cultural diversity.</em> Juan-José Igartua Perosanz.</td>
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<td>12.30 – 12.50</td>
<td><em>Portraying Immigration in Spanish Prime-Time TV Fiction.</em> Isabel M. Barrios Vicente, Juan José Igartua, Félix Ortega, Javier Frutos, María Marcos and Valeriano Piñeiro.</td>
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<td>13.10 – 13.30</td>
<td><em>The role of public universities and the primary digital national newspapers in the dissemination of Spanish science through the Internet and Web 2.0.</em> María Dolores Olvera-Lobo and Lourdes López-Pérez.</td>
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## Science 2.0 supported by Open Access Repositories and Open Linked Data

**Thursday, 14th November**  
**Hall (Faculty of Translation)**

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<tr>
<th>Time</th>
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<tr>
<td>11.30 – 11.50</td>
<td>Presentation: <em>Science 2.0 supported by Open Access Repositories and Open Linked Data.</em> Tránsito Ferreras Fernández, José A. Merlo Vega and Francisco J. García Peñalvo.</td>
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<td>11.50 – 12.10</td>
<td><em>Linked Open Bibliographic Data.</em> Ana Ríos Hilario, Tránsito Ferreras Fernández and Diego Martín Campo.</td>
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<tr>
<td>12.30 – 12.50</td>
<td><em>Interlinking Educational Data: an Experiment with GLOBE Resources.</em> Enayat Rajabi, Miguel Angel Sicilia and Salvador Sanchez Alonso.</td>
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</table>
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.


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

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


10.45 – 11.15 Coffee Break


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 diffusion 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 Puigdelívell 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.

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**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. Özkaya and E. Usta.

17.00 – 17.20  
**A new approach to Robotics teaching at Computer Science Engineering degree based on action-research.** K. Pitti, 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. Pitti, B. Curto, V. Moreno and Mª 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. Piña, J. Arlegui and M. Moro.
### A promised land for educational decision making? Present and future of learning analytics

**Friday, 15th November**  
**Room 16 A (IUCE)**

<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>11.35–11.40</td>
<td><em>A method to form learners groups in computer-supported collaborative learning systems</em>. Rafael Duque Medina, Domingo Gomez Perez, Alicia Nieto Reyes and Crescencio Bravo Santos.</td>
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<td>11.40–11.45</td>
<td><em>Psychometric study of a questionnaire for the assessment of factors associated with the choice of degrees and universities in the Spanish public system</em>. Antonio Hervas, Joan Guardia i Olmos, Maribel Pero, Pedro Pablo Soriano and Roberto Capilla.</td>
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<td>11.45–11.50</td>
<td><em>An architecture for extending the learning analytics support in the Khan Academy framework</em>. Jose A. Ruiperez Valiente, Pedro J. Muñoz Merino and Carlos Delgado Kloos.</td>
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<td>11.55–13.00</td>
<td>Discussion</td>
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### New publishing and scientific communication ways: Electronic edition and digital educational resources

**Friday, 15th November**  
**Room 13 A (IUCE)**

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<th>Time</th>
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<tr>
<td>13.00-13.20</td>
<td><em>Towards a social reader: a mobile application to evaluate e-reading capabilities</em>. Ramón Álvarez Tapia, Patricia Martín Rodilla and Ángel Oliva.</td>
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</tbody>
</table>
Doctoral consortium. Education in Knowledge Society. A new PhD Programme approach

Friday, 15th November
Room 13 A (IUCE)


9.10 – 9.20 Evaluation of results of two methods, in-person vs online, for a competences development programme for conflict resolution in secondary 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.


9.50 – 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.


16.50 – 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)


10.50 – 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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<tr>
<th>Time</th>
<th>Thursday, 14th</th>
<th>Friday, 15th</th>
<th>Saturday, 16th</th>
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<tbody>
<tr>
<td>8.30</td>
<td>Registration (open the whole day)</td>
<td>Technological advances and teaching innovation applied to Health Sciences education Room 12 A (IUCE)</td>
<td>Doctoral consortium Room 13 A (IUCE)</td>
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<td>10.00</td>
<td>Application of Mobile and Software As A Service (SAAS) to human processes Room 13 A (IUCE)</td>
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<td>Keynote speaker (OTRI) Aula Menor (Hospederia Fonseca)</td>
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Other activities include:

- Gala Dinner La Hoja 21 (C/San Pablo, 21)
- Social Plan
- Posada de las Ánimas (Plaza San Boal)
- Coffee break