TEEM’18
24-26 October 2018
Salamanca Spain
teemconference.eu

Programme
24-26 October 2018 in Salamanca

Location:
Instituto Universitario de Ciencias de la Educación (IUCE)
University of Salamanca
Faculty of Education
Paseo Canalejas, 169
37008 Salamanca, Spain
Phone: (+34) 923 294500 (ext. 3433)
Email: info@teemconference.eu

Wednesday, 24th October 2018

9.00 – 13.00  Registration. Help Desk.
16.00 – 19.30 Location: GRIAL Office (IUCE)
9.00 – 14.00  Sessions: Track 4, 12, 13
              Location: IUCE
9.00 – 11.30 Workshop: Improving Financial culture through a Banking platform
              Location: Room 13
11.30 – 12.00 Coffee break
           Location: IUCE
12.30 – 13.30 TEEM 2018 Conference Opening Session
            Location: Assembly Hall. Faculty of Education.
13.00 – 16.00 Lunch
16.00 – 20.00 Sessions: Track 7, 11, 12, 16
           Location: IUCE
17.30 – 18.00 Coffee break
17.00       Wednesday Gala Dinner (confirmation needed)
           Location: La Hoja 21 (C/ San Pablo, 21)
Wednesday, 24th October
Room 12A, IUCE

Presentation “Track 12. Educational Innovation”


9.30 – 9.40 Classroom adaptations for blended learning practices. Thaisa Sarmento, Alex Gomes and Fernando Moreira.


9.50 – 10.00 Development of Flipped Classroom model to improve the students’ performance. Anastasio P. Santos, Ricardo Castedo, Covadonga Alarcon, Kyan Dios, María Chiquito, Isabel España and Lina M. López.

10.00 – 10.10 Teaching FEM software in formal and non-formal environment with MOOCs. Ricardo Castedo, Anastasio P. Santos, Lina M. López, María Chiquito and Oriol Borràs-Gené.

10.10 – 10.20 Innovation in Urban Design Education. Monica Sanchez-Sepulveda, David Fonseca, Xavier Calvo, Isidro Navarro, Jordi Franquesa, Ernesto Redondo and Marc Gené.

10.20 – 10.30 Influence of the didactical design in the perception of knowledge management in MOOC. Javier Esteban Escaño, Ángel Fidalgo Blanco, María Luisa Sein-Echaluce and Francisco José García Peñalvo.

10.30 – 10.40 Ontological search for academic resources. Ángel Fidalgo, María Sánchez Canales, María Luisa Sein-Echaluce and Francisco José García Peñalvo.


10.50 – 11.00 Mediaesthetics as an educational tool in creative writing course. Marina Zagidullina.

11.00 – 11.10 Audiovisual Annotation in the Study of Physics. João Marçal, Maria Borges, Paula Viana and Paulo Simeão.
11.10 – 11.20 Superhero’s Other Power: Motivate Students with Difficulties. *Laura Sastre Lorenzo, Maria Jesus Santos and M. Martín Mata.*

11.20 – 11.30 Gamification for formative assessment in the framework of engineering Learning. *Teresa Parra, José Molina, Gerard Casanova and Lucila-Paola Maiorano-Lauria.*

11.30 – 12.00 Coffee break

12.00 – 13.00 TEEM 2018 Conference Opening Session

13.00 – 16.00 Lunch

16.00 – 16.10 Authoring of educational mobile apps for the mathematics-learning analysis. *Tatiana Person Montero, José Miguel Mota Macías, Maria Del Carmen Listán, Iván Ruiz-Rube, Juan Manuel Dodero, Fernando Rambla Barreno, Concepción Muriel Patino, Adrián Ruiz Serván and Juan Manuel Vidal Pérez.*


16.20 – 16.30 Increasing students’ motivation by using virtual learning environments based on gamification mechanics. *Olena Pastushenko, Tomáš Hruška and Jaroslav Zendulka.*

16.30 – 16.40 Flipping the classroom with multimedia resources to regulate learning pace: a case study. *Luciana Oliveira.*


16.50 – 17.00 Using flipped classroom at University to improve the chemistry learning. *María Del Mar López Guerrero, Gema López Guerrero and Juan Carlos García Mesa.*


17.10 – 17.20 Teacher perceptions of coexistence in Mexican schools. An analysis of the internal structure of national instrument (ECEA-MS). *Alicia A. Chaparro, Adriana Gamazo and Juan Carlos Pérez-Morán.*

### Wednesday, 24th October
**Room 17A, IUCE**

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<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9.00 – 9.10</td>
<td>Presentation “Track 13. Uncertainty in Digital Humanities”</td>
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<tr>
<td>9.40 – 9.50</td>
<td>Representing Imprecise and Uncertain Knowledge in Digital Humanities: A Theoretical Framework and ConML Implementation with a Real Case Study. <em>Patricia Martin-Rodilla and Cesar Gonzalez-Perez.</em></td>
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<tr>
<td>10.50 – 11.30</td>
<td>General joint discussion</td>
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<td>11.30 – 12.00</td>
<td>Coffee break</td>
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<tr>
<td>12.30 – 13.00</td>
<td>TEEM 2018 Conference Opening Session</td>
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</tbody>
</table>
Wednesday, 24th October
Room 12A, IUCE

Presentation “Track 4. New publishing and scientific communication ways: Electronic edition, Information metrics and digital educational resources”

13.00 – 13.10 Under the hood of digital humanities: toys or opportunities? André Pacheco.


13.50 – 14.00 Validity and reliability of a survey to know the technological acceptance of an institutional repository: The case of resources on energy and sustainability. Laura Icela Gonzalez Perez, María Soledad Ramírez Montoya, Francisco Jose García Peñalvo, Jaime Ricardo Valenzuela Gonzalez and Ana Maria Pinto Llotrente.

Track 11. Smart Learning

Wednesday, 24th October
Room 17A, IUCE

Presentation “Track 11. Smart Learning”

16.00 – 16.15 Enchanted Talk: Multiplayer Gamification using google Spreadsheets. Francisco José Gallego Durán and Carlos J. Villagrá Arnedo.

16.15 – 16.30 SmartLET: Learning analytics to enhance the design and orchestration in scalable, IoT-enriched, and ubiquitous Smart Learning Environments. Carlos Delgado Kloos,
Yannis Dimitriadis, Davinia Hernandez-Leo, Pedro J. Muñoz-Merino, Miguel Bote-Lorenzo, Mar Carrió, Carlos Alario-Hoyos, Eduardo Gómez-Sánchez and Patricia Santos.


16.45 – 17.00 Decision support tools for SLR search string construction. Samuel Marcos and Francisco J. García-Peñalvo.

17.30 – 18.00 Coffee break

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### Track 16. Doctoral Consortium

**Wednesday, 24th October**  
**Room 8A, IUCE**

The presentation in the Doctoral Consortium track will be different from other tracks. First part will be focused on the oral presentation of papers through a scientific Poster.

Last part of the session will be a roundtable with the participation of different experts from the Scientific Committee. Moreover, Doctoral students who for some reason send their papers to other track, they are encouraged to participate in the session of Doctoral Consortium too.

16.00 – 16.10 Presentation “Track 16. Doctoral Consortium”

16.10 - 16.20 Gender gap in the STEM sector in pre and university studies of Europe associated with ethnic factors. Sonia Verdugo Castro, María Cruz Sánchez Gómez and Alicia García Holgado.


16.40 – 16.50 Utilizing technological ecosystems to support graduate students in their practicum experiences. Harold Tinoco-Giraldo, Eva María Torrecilla Sánchez and Francisco José García Peñalvo.


17.00 – 17.10 Training in innovation and entrepreneurship in Primary Education. Sara González-Tejerina and Maria-Jose Vieira.
<table>
<thead>
<tr>
<th>Time</th>
<th>Session</th>
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<tbody>
<tr>
<td>17.10 – 17.20</td>
<td>European higher education: a comparative analysis to evaluate the pedagogical training of professors and to investigate the different models developed by universities. <em>Maria-Serena Rivetta, María-José Rodríguez-Conde and Susana Olmos-Migueldánez.</em></td>
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<tr>
<td>17.30 – 18.00</td>
<td>Coffee break</td>
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<tr>
<td>18.00 – 18.10</td>
<td>Participation in software projects as professional communities of practice: A model. <em>Dayana Caridad Tejera-Hernández, Febe Angel Ciudad-Ricardo and Arno Libotton.</em></td>
</tr>
<tr>
<td>18.20 – 18.30</td>
<td>The relationship between university students’ academic plagiarism and information competency. <em>Sandy Antonio Gutiérrez Ortiz and Erla Mariela Morales Morgado.</em></td>
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<tr>
<td>18.30 – 18.40</td>
<td>Smart system based on adaptive learning itineraries. <em>Alberto Real Fernández, Rafael Molina Carmona, Faraón Llorens Largo</em></td>
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<tr>
<td>18.40 – 20.00</td>
<td>Roundtable</td>
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### Track 7. Advances on Sustainable Development in Higher Education

**Wednesday, 24th October**  
**Room 17A, IUCE**

Presentation “Track 7. Advances on Sustainable Development in Higher Education”


17.30 – 18.00 | Coffee break
18.00 – 18.15 Corporate Social Responsibility & Sustainable Development: The Indian perspective. Dr. Mandeep Bhullar and Vikram Sharma.


18.45 – 19.00 ZELab - planning a living lab to educate modern engineering professionals. Manuel Felgueiras and Nidia Caetano.

Workshop: Improving Financial culture through a Banking platform

Wednesday, 24th October
Room 13, IUCE

9.00 – 11.30

EU-Bank is an Erasmus+ Jean Monnet project to provide basic knowledge on key issues about EU financial system. One of the basic components of the project, available from the web site financialculture.org, is the web application. The application offers the functionality of a financial calculator and a new service called the financial advisor. This service allows anyone to send a query that will be answered by senior students of a financial degree with the guidance of their teacher.

This workshop aims to spread the use of the financial advisor inside EU-Bank and to provide basic financial culture for people with different backgrounds.

This workshop continues on Thursday 25th and Friday 26th.
Thursday, 25th October 2018

9.00 – 14.00 Registration. Help Desk.  
16.00 – 20.00 Location: GRIAL Office (IUCE)

9.00 – 13.45 Sessions: Track 2, 8, 10, 15  
Location: IUCE

9.00 – 11.30 Workshop: Improving Financial culture through a Banking platform  
Location: Room 13

11.30 – 12.00 Coffee break  
Location: IUCE

14.00 – 16.00 Lunch

16.00 – 19.00 Sessions: Track 3, 5, 6, 14  
Location: IUCE

17.30 – 18.00 Coffee break

19:00 – 20.00 Discussion: “(Wandering) on the acceleration of the technological change, its impact on society and implications for educators”. Marc Alier and David Griffiths  
Location: Assembly Hall. Faculty of Education

21.00 Thursday Gala Dinner and FRAM (First Recognized Awards Multiculturality). (Confirmation needed).  
Location: La Hoja 21 (C/ San Pablo, 21)
Track 2. Engineering Education and Technological / Professional Learning

Thursday, 25th October
Room 12A, IUCE

Presentation “Track 2. Engineering Education and Technological / Professional Learning”

9.00 – 9.15 Practical Work and Assessment to Stimulate Student Participation and Motivation in Fluid Transport Issues. Maria Teresa Sena Esteves, Cristina Morais, Anabela Guedes, Isabel Brás Pereira, Margarida Ribeiro, Filomena Soares and Celina Pinto Leão.


9.30 – 9.45 Experience in the implementation of projects in professional environment in a 1st cycle of studies of Civil Engineering. Diogo Ribeiro, Teresa Neto, Ricardo Santos and Maria De Fátima Portela.

9.45 – 10.00 Educational content using Blind/Deaf Communications API. Paula Escudeiro, Bertil Marques, Piedade Carvalho, Ana Barata, Patricia Queiros, Ana Sousa, Carlos Dias, Emanuel Rocha and João Ulisses.

10.00 – 10.15 Training engineering students for the world of work: a case study. Milagros Huerta, Néstor Mora, Carlota Armillas and Javier Jacob Núñez.

10.15 – 10.30 Outdoor Intelligent Shader – An EPS@ISEP 2018 Project. Christopher Mahon, Marta Majewska, Manuel Baptista, Melanie Tscholl, Sven Bergervoet, Benedita Malheiro, Cristina Ribeiro, Jorge Justo, Manuel Silva, Paulo Ferreira and Pedro Guedes.

10.30 – 10.45 Improving presentation skills in the context of software project management teaching. Terje Samuelsen, Ricardo Colomo-Palacios and Ole Anders Danielsen.

10.45 – 11.00 The application of new teaching methodologies: experience in actual situations. Isabel Revilla and Ana M. Vivar.


11.15 – 11.30 Questions
Thursday, 25th October
Room 17A, IUCE

Presentation “Track 15. Communication, Education and Social Media”

9.30 – 9.40 Like it or die: using social networks to improve collaborative learning in higher education. Eva Lahuerta Otero, Rebeca Cordero Gutiérrez and Vanessa Izquierdo Álvarez.

9.40 – 9.50 Combined Effects of Similarity and Imagined Contact on First-Person Testimonials. The Mediating Role of Identification and Transportation. Diego Cachón, Juan José Igartua, Magdalena Wojcieszak, Iñigo Guerrero and Isabel Rodríguez-de-Dios.

9.50 – 10.00 Direct online political communication effects on civil participation in Spain: an experimental study. Lifen Cheng.

10.00 – 10.10 A Three-Step Data-Mining Analysis of Top-Ranked Higher Education Institutions’ Communication on Facebook. Alvaro Figueira.


10.40 – 10.50 Specifics of multimedia texts in the context of social networks media aesthetics. Elena Panova and Vasilii Fedorov.

10.50 – 11.00 University Media in Ecuador: Types, Functions and Self-determination. Juan Pablo Trámpuz, Daniel Barredo Ibáñez and Carlos Arcila Calderón.

11.00 – 11.10 Framing theory in studies of environmental information in press. Jorge Holguera Illera and María Luisa Humanes Humanes.

11.10 – 11.30 Questions
Track 8. Implementation of Qualitative and Mixed Methods Researches

Thursday, 25th October
Room 17A, IUCE

Presentation “Track 8. Implementation of Qualitative and Mixed Methods Researches”

12.00 – 12.15 A Research into the students’ perceptions of technology and inclusive education. Ana M. Pinto-Llorente, M. Cruz Sánchez-Gómez, Óscar José Martín-Sánchez and M. Teresa Del Moral-Marcos.

12.15 – 12.30 Content analysis of visual elements in scientific journalism (on the example of the website postnauka). Svetlana Panyukova.


13.00 – 13.15 Research methods of visual mass-media content. Svetlana Simakova.

13.15 – 13.30 Comprehensive analysis of the mass media visual component in the aspect of media aesthetics. Irina Topchii.


Track 10. Teacher Education for ICT integration in classroom

Thursday, 25th October
Room 12A, IUCE

Presentation “Track 10. Teacher Education for ICT integration in classroom”

12.00 – 12.13 Macro Analysis on how to Potentiate Experimental Competences Using VISIR. Natércia Lima, Clara Viegas, Maria Arcelina Marques, Gustavo Alves and Francisco José García Peñalvo.


12.52 – 13.05 Distance Learning for Aesthetic Education - Informed Professional Development and Life-Long Learning of Student Teachers. Roza Valeeva, Svetlana V. Karkina and Andreja Istenić Starčič.

13.05 - 13.18 The ‘supply chain’ of teachers’ digital skills training. The TPACK traceability in the teachers’ trainers. Loredana Perla, Laura Sara Agrati and Viviana Vinci.


13.31 – 13.43 A Pre-Service Teacher Training Programme about Video Games: Perceptions of Knowledge about PEGI. Marta Martín Del Pozo, Ana García-Valcárcel Muñoz-Repiso and Azucena Hernández Martín.

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**Track 3. Evaluation in education and guidance**

**Thursday, 25th October**
**Room 17A, IUCE**

Presentation “Track 3. Evaluation in education and guidance”


16.45 – 17.00 Digital competences and teaching of classical languages: students' perception in Italian and Spanish schools. Daniela Canfarotta, Janet Wolf and Raquel Casado-Muñoz.

17.00 – 17.15 Big Data in Education: Detection of ICT Factors Associated with School Effectiveness with Data Mining Techniques. Fernando Martinez-Abad, Adriana Gamazo and María José Rodríguez-Conde.

17.15 – 17.30 Exploring the potential of a 360º video application for foreign language learning. Anke Berns, Jose Miguel Mota, Ivan Ruiz-Rube and Juan Manuel Dodero.

17.30 – 18.00 Coffee break

Specialized services for students with special educational needs in the Spanish education system. *Sara González-Tejerina and Maria-Jose Vieira.*

Relationship between School Performance and Emotional Intelligence with TMMS-24 in high performance school adolescents in Sao Paulo (Brazil). *Maria Vaquero Diego, Maria José Rodríguez Conde, Patricia Torrijos Fincias and Samuel Molina Schnorr.*

Questions

This track continues on Friday 26th.

**Track 5. Learning Analytics: The good, the bad and the ugly**

**Thursday, 25th October**

**Room 12A, IUCE**

Presentation “Track 5. Learning Analytics: The good, the bad and the ugly”


16.10 – 16.20 Privacy and identity management securing Learning Analytics on the Blockchain. *Marc Alier Forment, Daniel Amo Filvà, Francisco José García Peñalvo, Miguel Ángel Conde González, David Fonseca Escudero and Maria José Casañ.*


16.50 – 17.00 Integrating quantitative and qualitative data in assessment of wiki collaborative assignments. *Manuel Palomo-Duarte, Antonio Balderas Alberico, Juan Manuel Dodero Beardo, Antonio Reinoso, Juan Antonio Caballero and Pablo Delatorre.*

17.00 – 17.10 Agile methods as problem-based learning designs: setting and assessment. *Elena García-Barriocanal, Miguel-Angel Sicilia, Salvador Sánchez-Alonso and Juan-José Cuadrado.*

17.10 – 17.20 Questions
**Track 6. Technological innovations in biomedical training and practice**

**Thursday, 25th October**
**Room 8A, IUCE**

16.00 – 16.10  Presentation “Track 6. Technological innovations in biomedical training and practice”


17.00 – 17.30  Final discussion (biomedical imaging)

17.30 – 18.00  Coffee break

18.00 – 18.10  Transcranial Magnetic Stimulation versus Transcranial Direct Current Stimulation as neuromodulatory techniques in stroke rehabilitation. *María Antonia Fuentes Calderón, Laura Olmedo Jiménez and María José Sánchez Ledesma.*


18.20 – 18.30  Trends in European research projects focused on technological ecosystems in the health sector. *Samuel Marcos-Pablos, Alicia García-Holgado and Francisco José García-Peñalvo.*

18.30 – 18.40  Technological Devices for Enhancing Active Learning. *Juan A Juanes and Pablo Ruisoto.*

18.40 – 18.50  Final discussion (simulation and other applications)

This track continues on Friday 26th.
**Track 14. 9th International Workshop on Software Engineering for E-learning (ISELEAR’18)**

**Thursday, 25th October**
Room 12A, IUCE

Presentation “Track 14. 9th International Workshop on Software Engineering for E-learning (ISELEAR’18)”

18.00 – 18.10  Mapping the systematic literature studies about software ecosystems. *Alicia García-Holgado and Francisco José García Peñalvo.*

18.10 – 18.20  Tag-Based Browsing of Digital Collections with Inverted Indexes and Browsing Cache. *Joaquín Gayoso-Cabada, Mercedes Gómez-Albarrán and José-Luis Sierra.*


18.40 – 18.50  Domain engineering for generating dashboards to analyze employment and employability in the academic context. *Andrea Vázquez-Ingelmo, Francisco José García-Peñalvo and Roberto Theron.*

**Workshop: Improving Financial culture through a Banking platform**

**Thursday, 25th October**
Room 13, IUCE

9.00 – 11.30

EU-Bank is an Erasmus+ Jean Monnet project to provide basic knowledge on key issues about EU financial system. One of the basic components of the project, available from the web site financialculture.org, is the web application. The application offers the functionality of a financial calculator and a new service called the financial advisor. This service allows anyone to send a query that will be answered by senior students of a financial degree with the guidance of their teacher.

This workshop aims to spread the use of the financial advisor inside EU-Bank and to provide basic financial culture for people with different backgrounds.

This workshop continues on Friday 26th.
## Friday, 26th October 2018

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<td>Registration. Help Desk.</td>
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<td>Sessions: Track 1, 3, 6</td>
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<td>11.30 – 12.00</td>
<td>Coffee break</td>
<td>IUCE</td>
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<tr>
<td>13.15 – 14.00</td>
<td>TEEM 2018 Conference Closing Session</td>
<td>Assembly Hall. Faculty of Education.</td>
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<tr>
<td>13.00 – 17.00</td>
<td>Lunch</td>
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<tr>
<td>17.00 – 18.30</td>
<td>Salamanca Guided Tour in English (Previous registration needed, limited to 50 participants)</td>
<td>In front of the City Hall in Plaza Mayor.</td>
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### Track 1. Computational thinking in pre-university education

**Friday, 26th October**  
**Room 13A, IUCE**

Presentation “Track 1. Computational thinking in pre-university education”

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<tr>
<th>Time</th>
<th>Presentation</th>
<th>Authors</th>
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<tr>
<td>11.50 – 12.00</td>
<td>Teaching computational thinking to Down syndrome students. Carina Soledad González González, Erika Herrera González, Lorenzo Moreno Ruiz, Alfonso Infante Moro, Maria Dolores Gumán Franco.</td>
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<tr>
<td>12.00 – 12.10</td>
<td>Exploring the Effect of a Robotics Laboratory on Computational Thinking Skills in Primary School Children Using the Bebras Tasks. Giuseppe Chiazzese, Marco Arrigo, Antonella Chifari, Violetta Lonati and Crispino Tosto.</td>
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<tr>
<td>12.10 – 12.20</td>
<td>Increase of confidence for the solution of problems in pre-university students through Computational Thinking. Arturo Rojas-López and Francisco José García Peñalvo.</td>
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<tr>
<td>12.20 – 12.30</td>
<td>Approaches of Learning and Computational Thinking in Students that get into the Computer Sciences Career. Klinge Orlando Villalba-Condori, Cristina Bender, Claudia Deco, Sonia Esther Castro-Cuba-Sayco and Evelyn Paola Guillen Chávez.</td>
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12.50 – 13.00 An experience with the App Inventor in CS0 for the development of the STEM didactics. *José-Alfredo Martínez-Valdés and Nathalia Andrea Martínez Ijají.*


*Location: Assembly Hall. Faculty of Education.*

13.15 – 14.00 TEEM 2018 Conference Closing Session

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**Track 3. Evaluation in education and guidance**

**Friday, 26th October**

**Room 17A, IUCE**

Presentation “Track 3. Evaluation in education and guidance”


10.00 – 10.15 Evaluation of Multimedia Applications aimed to support the participation of Youth with Intellectual Disability in relation to the AAID support needs. *Esther Baños-García, Fernando Lezcano-Barbero and Raquel Casado-Muñoz.*

10.15 – 10.30 Skills of university professor and their evaluation. *Ana Belen Lopez Camara, María-Dolores Eslava-Suanes, Ignacio González López and De León Huertas Carlota.*


10.45 – 11.00 Delphi study to identify the young people priorities about digital society. *María-José Rodríguez-Conde, Alicia García-Holgado, Valentina Zangrando, Francisco-José García-Peñaño.*

11.30 – 12.00 Coffee break
12.00 – 12.15 A system of indicators for assessing scientific and technological capacity at local universities. *Hilda Angélica Del Carpio Ramos, Pedro Antonio Del Carpio Ramos and Francisco José Garcia-Peñalvo.*

12.15 – 12.30 Which is or should be the ideal level of participation of students of higher education in their own education? A theoretical model of relations between the university and their students and the quality of higher education. *José Ortega-Mohedano and María-José Rodríguez-Conde.*


*Location: Assembly Hall. Faculty of Education.*

13.15 – 14.00 TEEM 2018 Conference Closing Session

**Track 6. Technological innovations in biomedical training and practice**

**Friday, 26th October**

**Room 12A, IUCE**

9.00 – 9.10 From Digital Medical Collections to Radiology Training E-Learning Courses. *Félix Buendía, Joaquín Gayoso-Cabada and José-Luis Sierra.*


9.20 – 9.30 The importance of the new Apps technology in the study of anatomy by the students of medicine. *Maria Teresa Ugidos Lozano, Gonzalo Ferrer Ugidos, Alonso Blaya San Pedro, Cristina Blaya San Pedro, Sadia Manzoor and Juan Antonio Juanes Mendez.*

9.30 – 9.45 Discussion (biomedical imaging)


10.55 – 11.10 Discussion (simulation and other applications)

11.10 – 11.20 A study evaluating the level of satisfaction of the students of health sciences about the use of 3d printed bone models. Maria Teresa Ugidos Lozano, Roberto D’Amato, Alessandro Ruggiero, Sadia Manzoor, Fernando Blaya Haro and Juan Antonio Juanes Mendez.

11.20 – 11.30 Composite material created by additive manufacturing techniques FFF and Robocasting for the manufacture of medical parts*. Alberto Sánchez Ramirez, Roberto D’Amato, Fernando Blaya Haro, Manuel Islan Marcos and José Maria de Agustín del Burgo.

11.30 – 12.00 Coffee break

12.00 – 12.10 Monitoring of the additive manufacturing process for the use of biomaterials in medical field. Fernando Blaya Haro, José Maria de Agustín del Burgo, Roberto D’Amato, Manuel Islan, Enrique Soriano Heras and Jesus Manuel Garcia Alonso.


12.20 – 12.30 Finite Element Simulation and Analysis of the behavior under load of a human shoulder. Manuel Islan, Emilio Lechosa Urquijo, Fernando Blaya, Roberto D’Amato, Juan A. Juanes and Enrique Soriano Heras.

12.40 – 12.55  Discussion (3D printing)


  Location: Assembly Hall. Faculty of Education.

13.15 – 14.00  TEEM 2018 Conference Closing Session

Workshop: Improving Financial culture through a Banking platform

Thursday, 25th October
Room 13, IUCE

9.00 – 11.30

EU-Bank is an Erasmus+ Jean Monnet project to provide basic knowledge on key issues about EU financial system. One of the basic components of the project, available from the web site financialculture.org, is the web application. The application offers the functionality of a financial calculator and a new service called the financial advisor. This service allows anyone to send a query that will be answered by senior students of a financial degree with the guidance of their teacher.

This workshop aims to spread the use of the financial advisor inside EU-Bank and to provide basic financial culture for people with different backgrounds.
SALAMANCA
Sleep...

1. Hotel Palacio San Esteban *****
   Arroyo de Santo Domingo, 3
   37008, Salamanca
   Phone: +34 923 26 22 96

2. Hotel Alameda Palace *****
   Paseo de la Estación, s/n
   37004, Salamanca
   Phone: +34 923 28 26 26

3. Eurostars Las Claras ****
   Marquesa de Almarza s/n
   37001, Salamanca
   Phone: +34 923 12 85 00

4. NH Salamanca Palacio Castellanos ****
   San Pablo, 58-64
   37008, Salamanca
   Phone: +34 923 26 18 18
   Reservations: 902 091 857

5. Hotel EXE Salamanca ****
   Calle Álava, 8
   37001, Salamanca
   Phone: +34 923 26 11 11

6. Estrella Albatros ****
   Calle Grillo, 18
   37001, Salamanca
   Phone: +34 923 26 60 33

7. Hotel San Polo ***
   Arroyo de Santo Domingo, 2
   37008, Salamanca
   Phone: +34 923 21 11 77

8. Hotel Ibis Salamanca **
   Calle de la Marina, 15
   37001, Salamanca
   Phone: +34 923 27 23 80
Locations...

1. 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

2. La Hoja 21
   Calle San Pablo, 21
   37008 Salamanca