

La Sociedad Digital, la Sociedad Tecnológica

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Resumen

Clase de introducción al módulo de Ingeniería Informática en el Itinerario Posgraduados “Ciencias Puras” de la Universidad de la Experiencia de la Universidad de Salamanca, impartida el 19 de abril de 2018 en la Facultad de Educación.

Palabras clave

GRIAL; Grupo de investigación; Líneas de investigación; Proyectos de investigación; Servicios; Tecnología; Infraestructura; Sociedad digital; Conocimiento digital, Smartphones; Aceptación tecnológica.

1. UIC GRIAL

La Unidad Consolidada GRIAL (UIC 081) [1-3] es un grupo interdisciplinar, compuesto por miembros permanentes que provienen de distintas áreas de conocimiento, como la ingeniería del software, las ciencias de la computación, la educación, las ciencias de la información, las ciencias sociales, etc.

La actividad del Grupo GRIAL se orienta a:

- Realización de proyectos de I+D+i tanto de forma individual como en consorcio con otras instituciones y/o grupos.
- Formación bajo demanda.
- Servicios bajo demanda de otras instituciones y empresas.

2. Líneas de investigación

Las principales líneas de investigación del grupo GRIAL son:

- Analítica visual [4-15].
- Calidad y evaluación en educación [16-24].
- Ciencias de la información [25-32].
- Ecosistemas Tecnológicos [33-46].
- Gestión estratégica de conocimiento y tecnología [47-61].
- Humanidades Digitales [62-65].
- Ingeniería web y arquitecturas software [12, 66-81].
- Metodologías eLearning [82-91].

- Sistemas de aprendizaje interactivos [[92-97](#)].
- Tecnologías para el aprendizaje [[7](#), [8](#), [37](#), [38](#), [42](#), [46](#), [98-125](#)].
- TIC e innovación educativa [[126-135](#)].

3. Proyectos de investigación destacados

Algunos de los proyectos de investigación del grupo son:

- eLearning platform based on knowledge management, learning objects repositories and adaptive systems (KEOPS) financiado por el Ministerio de Educación y Cultura. 2006-2008 [[95](#), [96](#), [136-139](#)].
- Assessment model and development of key competences in ESO: ICT, reading and scholar coexistence (E-TELECO). (SEJ2006-10700). 2006-2009.
- Assessment of key competences and training for secondary education teachers: ICT, ALFIN y scholar coexistence (EF-TALCO) (EDU2009-08753). 2009-2012.
- Adaptive systems and human interaction: Designing a digital portfolio for eLearning environments, of the Castile and Leon. (SA056A07). 2007-2009.
- eLearning without barriers: New paradigms of communication services and modes of interaction for online training (GR47). 2008.
- oiPLE: Entorno abierto, integrado y personalizado para el aprendizaje. Hacia una nueva concepción de los procesos de aprendizaje basados en tecnología. TIN2010-21695-C02. Ministerio de Ciencia e Innovación. 2011-2014 [[78](#), [140-144](#)].
- Layers4Moodle (TSI-020302-2009-35) funded by Ministry of Industry, Tourism and Trade Sub-Programme Avanza I+D. 2009-2011.
- Multicultural Interdisciplinary Handbook (MIH), funded by LLP Sub-Programme COMENIUS. 2009-2011. <http://mihproject.eu> [[145-148](#)].
- European Language Virtual Network (ELVIN) funded by LLP Transversal Programme KA2 Languages Multilateral Projects. 2009-2011. <http://myelvin.usal.es> [[149](#)].
- Teaching and eLearning Advances in European Mobility Space (TALARIA) funded by LLP, subprogramme Leonardo da Vinci – Mobility VETPRO. 2011-2012. <http://talaria-project.eu>.
- Entrepreneurship Education for European Students (E3S), funded by LLP Sub-Programme Erasmus. 2011-2014 [[150](#)].
- Tagging, Recognition and Acknowledgment of Informal Learning Experiences (TRAILER) funded by LLP Sub-Programme ICT (KA 3). 2012-2014. <http://trailerproject.eu> [[69](#), [151-158](#)].
- European history crossroads as pathways to intercultural and media education (EHISTO) funded by LLP Sub-Programme COMENIUS. 2012-2014. <http://european-crossroads.eu> [[159](#)].
- Intercultural Education through Religious Studies (IERS) funded by LLP Sub-Programme COMENIUS. 2013-2015. <http://iers.unive.it> [[160](#)].
- Intercultural Mentoring tools to support migrant integration at school (INTO) funded by LLP Sub-Programme COMENIUS. 2013-2015. <http://www.interculturalmentoring.eu> [[161-164](#)].
- Virtual Alliances for Learning Society (VALS) funded by LLP Sub-Programme Erasmus - Knowledge Alliances. 2013-2015. <http://virtualalliances.eu> [[165-174](#)].

- TACCLE3 - Coding funded by European Union. Erasmus + KA2. 2015-2017. <http://www.taccle3.eu/> [175-183].
- netWorked Youth Research for Empowerment in the Digital society (WYRED) – funded by European Union H2020 Programme. 2016-2019. <https://wyredproject.eu/> [184-188].
- *a Digital Ecosystem Framework for an Interoperable NEtwork-based Society* (DEFINES). Financiado por el Ministerio de Economía y Competitividad, en su Convocatoria 2016 de Proyectos I+D+i, dentro del Programa Estatal de Investigación, Desarrollo e Innovación Orientada a los Retos de la Sociedad, en el marco del Plan Estatal de Investigación Científica y Técnica y de Innovación 2013-2016 (Ref. TIN2016-80172-R). 2017-2020 [189-195].

4. Contratos de servicios destacados

Se van a señalar algunos contratos de servicios por su especial relevancia:

- Contrato con el Instituto Nacional de Administraciones Públicas para el desarrollo de su red social privada y su banco de conocimiento [43, 45, 111, 196].
- Contrato con la Cátedra UNESCO de Gestión y Política Universitaria de la Universidad Politécnica de Madrid para el desarrollo del Barómetro de Empleo y Empleabilidad Universitaria [197-204].

5. Lecturas recomendadas:

- **El mundo digital** [205].
- **Digital in 2018** [206].
- **Sociedad digital en España 2017** [207].
- **The Role of Blended Learning in the World of Technology** [208].
- **R-evolución Tecnológica** [209].

Enlace a la presentación

<https://goo.gl/p8rHbn>

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