

**DEPARTAMENTO DE**  
**INFORMATICA**

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### **Actividades de investigación**

#### **Tesis Doctorales**

- A user Managed Access Control Model And Mechanisms for Web Based Social Networks . Enhancing Expressive power, Co-ownership Management Interoperability and Authorized data Exposures  
*Autores:* GONZALEZ, L.  
*Director/Codirectores:* RIBAGORDA, A. ; GONZALEZ-TABLAS, A. I.  
*Año:* 2014
- Aplicación de métodos matemáticos en el control de gestión por indicadores  
*Director/Codirectores:* SANCHEZ, M. I.  
*Año:* 2014
- Attacks Against Intrusion Detection Networks: Evasion , Reverse Engineering and Optimal Countermeasures  
*Autores:* PASTRANA, S.  
*Director/Codirectores:* ORFILA, A. ; ESTEVEZ, J.M.  
*Año:* 2014
- Building Planning Action Models Using Activity Recognition  
*Autores:* ORTIZ, J.  
*Director/Codirectores:* BORRAJO, D. ; GARCIA, A.  
*Año:* 2014
- Generation and exploitation of intermediate goals in automated planning  
*Autores:* ALCAZAR, V.  
*Director/Codirectores:* BORRAJO, D. ; FERNANDEZ, S.  
*Año:* 2014
- Influencia de los Segmentos del discurso en la discriminación del locutor  
*Autores:* PUENTE, L.A.  
*Director/Codirectores:* GARCIA, A.; RUIZ, M.B.  
*Año:* 2014
- Linear IFMIF Prototype Accelerator (LIPAc) Control System : Design and Development  
*Autores:* CALVO, J.  
*Director/Codirectores:* PATRICIO, M. A. ; IBARRA, A.  
*Año:* 2014
- Marco metodologico para la creacion y adquisicion de conocimientos en las organizaciones  
*Autores:* VASQUEZ, D.M.  
*Director/Codirectores:* SANCHEZ, M. I. ; MEDINA, F.  
*Año:* 2014

- Medidas de productividad en los proyectos de desarrollo de software: una aproximación por puestos de trabajo  
*Autores:* HERNANDEZ, A.  
*Director/Codirectores:* GARCIA, A.; COLOMO, R.  
*Año:* 2014
- Mining structural and behavioral patterns in smart malware  
*Autores:* Guillermo Suarez-Tangil  
*Director/Codirectores:* ESTEVEZ, J.M.; PERIS, P.  
*Año:* 2014
- Reinforcement Learning in a Multi-agent Framework for Pedestrian Simulation  
*Director/Codirectores:* FERNANDEZ, F.  
*Centro donde se presentó:* Escuela de Ingeniería  
*Año:* 2014
- Un modelo conceptual para el diseño de videojuegos educativos  
*Autores:* RUIZ, M.R.  
*Director/Codirectores:* DIAZ, M.P.; ZARRAONANDIA, T. A.  
*Año:* 2014
- Una arquitectura para el uso de las redes sociales por agencias gubernamentales en la gestión de emergencias.  
*Autores:* ACUÑA, P.A.  
*Director/Codirectores:* AEDO, I.; DIAZ, M.P.  
*Año:* 2014

## **Publicaciones y actividades de difusión de resultados**

### **Publicaciones en revistas científicas nacionales**

- GRIOL, D.; GARCÍA, M.; MOLINA, J.M.; SANCHIS DE, M.A.  
Desarrollo de portales de voz municipales interactivos y adaptados al usuario = Development of interactive and user-centered voice portals to provide municipal information, *Procesamiento de Lenguaje Natural*, Vol. 53, 2014, pp. 185-188, ESPAÑA.
- GRIOL, D.; SANCHIS DE, M.A.; MOLINA, J.M.; CALLEJAS, Z.  
Utilización de las tecnologías del habla y de los mundos virtuales para el desarrollo de aplicaciones educativas = Using language technologies and virtual worlds to develop educative applications, *Procesamiento de Lenguaje Natural*, Vol. 53, 2014, pp. 167-170, ESPAÑA.
- MARTINEZ, P.; SEGURA, I.; DECLERCK, T.; ROMERAL, J.L.  
TrendMiner: Large-scale cross-lingual trend mining summarization of real-time media streams, *Procesamiento de Lenguaje Natural*, Vol. 53, 2014, pp. 163-166, ESPAÑA.
- MORATO, J. L. ; SANCHEZ, S.; RUIZ , A.; MOREIRO, J. A.  
Visualización y recuperación de información en la web semántica, *El Profesional de la información*, Vol. 23, Núm. 3, 2014, pp. 319-329, ESPAÑA.

## Publicaciones en revistas científicas internacionales

- ALJUMAILY, H.T.A.; CUADRA, M. D. ; MARTINEZ, P.  
Applying black-box testing to UML/OCL database models, *Software quality journal*, Vol. 22, Núm. 2, 2014, pp. 153-184, ALEMANIA.
- ALONSO, J. M. ; SESMERO, M.P.; SANCHIS, A.  
Combining additive input noise annealing and pattern transformations for improved handwritten character recognition, *Expert systems with applications*, Vol. 41, Núm. 18, 2014, pp. 8180-8188, REINO UNIDO.
- ALVAREZ, J.M.; LABRA , J.E.; ORDOÑEZ, P.  
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- ALVAREZ, J.M.; LABRA, J.E.; ORDOÑEZ, P.  
New trends on e-Procurement applying semantic technologies: Current status and future challenges, *Computers in industry*, Vol. 65, Núm. 5, 2014, pp. 800-820, HOLANDA - PAISES BAJOS.
- ALVARGONZALEZ, C.L.; ALVAREZ, J.M.; LABRA, J.E.; ORDOÑEZ, P.  
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- BELLUCCI, A.; MALIZIA, A.; AEDO, I.  
Light on horizontal interactive surfaces: Input space for tabletop computing, *ACM computing surveys*, Vol. 46, Núm. 3, 2014, ESTADOS UNIDOS DE AMERICA.
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- BORRAJO, D. ; FELNER, A.; KORF, R.; LIKHACHEV, M.; LINARES, C.; RUMML, W.; STURTEVANT, N.  
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## Actividades de formación y movilidad de personal investigador

### Estancias en otros centros

- ALBERTO HEREDIA GARCIA  
*Título:* Utilización de redes sociales para la mejora continua de procesos de negocio en la industria del software  
*Centro Externo:* Østfold University College  
*País:* NORUEGA  
*Duración:* 11/08/2014 a 10/11/2014.

- **ANA MARIA IGLESIAS MAQUEDA**  
*Título:* Estancia de investigación postdoctoral. Colaboración en proyecto de investigación Web2Access entre otros  
*Centro Externo:* Web and Internet Sciences Research Group, Electronics and Computer Science Department, Faculty of Ph  
*País:* REINO UNIDO  
*Duración:* 03/06/2014 a 15/09/2014.
  
- **ANABEL FRAGA VAZQUEZ**  
*Título:* Estancia de investigación proyecto CRYSTAL  
*Centro Externo:* AIRBUS Defense and Space  
*País:* ALEMANIA  
*Duración:* 01/12/2014 a 31/12/2014.
  
- **ANDREA BELLUCCI**  
*Título:* Estancia post-doctoral (Junio-Agosto 2014) Helsinki Institute for Information Technology  
*Centro Externo:* Helsinki Institute for Information Technology, University of Helsinki  
*País:* FINLANDIA  
*Duración:* 01/06/2014 a 31/08/2014.
  
- **ANGEL GARCIA OLAYA**  
*Título:* Beca Prometeo del Gobierno de Ecuador en el Departamento de Automatización y Control Industrial de la Escuela Politécnica Nacional de Quito  
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*País:* ECUADOR  
*Duración:* 01/02/2014 a 31/07/2014.
  
- **DIEGO ALVARADO ORELLANA**  
*Título:* Estancia pre-doctoral  
*Centro Externo:* Università della Svizzera Italiana  
*País:* ITALIA  
*Duración:* 01/05/2014 a 01/07/2014.
  
- **GONZALO GENOVA FUSTER**  
*Título:* Docencia e investigación en el área de Ética para Ingenieros  
*Centro Externo:* Pontificia Universidad Católica de Chile  
*País:* CHILE  
*Duración:* 01/03/2014 a 31/07/2014.
  
- **GONZALO GENOVA FUSTER**  
*Título:* Definición de requerimientos de software y planes de trabajo detallados para proyectos de desarrollo de productos de software para el PMI USA1204  
*Centro Externo:* Centro de Innovación en Tecnologías de la Información para Aplicaciones Sociales  
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*Duración:* 01/04/2014 a 31/08/2014.
  
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- **MARIA BELEN RUIZ MEZCUA**  
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- **TOMAS EDUARDO DE LA ROSA TURBIDES**  
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*País:* REINO UNIDO  
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