Fátima Castro Jul

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Education

09/2014 - 12/2018	**Ph.D. in Information and Communication Technologies** Universidade de Vigo Dissertation: *Exploiting Proximity Collaboration in Mobile Context-Awareness* International Mention
09/2009 - 07/2014	**Ingeniería de Telecomunicación (Telecommunication Engineering)** Universidade de Vigo 5 years Degree (**BSc+MSc**), specialisation in Telematics.
2013-2014	Erasmus exchange. University of Oulu (Finland) Master Thesis in Oulu University Secure Programming Group. Title: *Intelligent Update and Self-Test Agent for Collaborated Embedded Software*

Research experience

09/2014 - ongoing	**Researcher** AtlanTTic Research Center, Universidade de Vigo
03 - 05/2017	**Invited Researcher** SAMOVAR Lab, Télécom SudParis (France)

Teaching and supervision

2017/2018	**Arquitecturas y Servicios Telemáticos** Engineering and Telecommunication Technologies (BSc), Universidade de Vigo The aim of this course is to study different solutions for service-oriented architectures and their deployment using Web Services technologies.
2017/2018	**Supervision of 1 student internship in a company** Universidade de Vigo

Publications

- **F. Castro-Jul**, R. P. Díaz-Redondo, and A. Fernández-Vilas, "Collaboratively assessing urban alerts in ad hoc participatory sensing," *Computer Networks*, vol. 131, pp. 129–143, 2018.

- **F. Castro-Jul**, D. Conan, S. Chabridon, R. P. Díaz-Redondo, A. Fernández-Vilas, and C. Taconet, "Combining fog architectures and distributed event-based systems for mobile sensor location certification," in *International Conference on Ubiquitous Computing and Ambient Intelligence (UCAmI)*, pp. 27–33, Springer, 2017.

- **F. Castro-Jul**, A. Fernandez-Vilas, and R. P. Diaz-Redondo, "How should my device behave now? Adapting consensus protocols for autonomous context management," *Journal of Computers*, vol. 12, no. 3, pp. 200–2011, 2017.

- **F. Castro-Jul**, R. P. Díaz-Redondo, and A. Fernández-Vilas, "Have you also seen that? Collaborative alert assessment in ad hoc participatory sensing," in *International Conference on Ubiquitous Computing and Ambient Intelligence (UCAmI)*, pp. 125–130, Springer, 2016.

Participation in research projects

- **MAGOS: Secure sMArt Grid using Open Source Intelligence.** (2018-2020). Spanish Ministry of Economics, Industry and Competitiveness. Proyectos de I+D+I del programa estatal de investigacion, desarrollo e innovacion orientada a los retos de la sociedad (TEC2017-84197-C4-2-R).

- **INRISCO: INcident monitoRing In Smart COmmunitiesl** (2015-2017). Spanish Ministry of Science and Innovation. Proyectos de I+D+I del programa estatal de investigacion, desarrollo e innovacion orientada a los retos de la sociedad (TEC2014-54335-C4-3-R).

- **EMRISCO: EMergence Response In Smart Communities** (2014). Spanish Ministry of Science and Innovation. Proyectos de I+D+I del programa estatal de investigacion, desarrollo e innovacion orientada a los retos de la sociedad (TEC2013-47665-C4-3-R).

Awards and fellowships

2016 - 2018	**Predoctoral Fellowship** granted by the Galician Regional Government (Xunta de Galicia. Consellería de Cultura, Educación e Ordenación Universitaria) and the European Social Fund (ED481A-2016/214).
2009	Graduated high school with honors.

Languages

Spanish, Galician	Native
English	Fluent
French	Upper-Intermediate
German	Intermediate

Other

10/2016	**GRADschool 2016**. Formación para investigadores. Fundación Barrié. This course aims at assisting PhD students in the development of the transferable skills acquired in research.

References

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