

# Fátima Castro Jul

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Information & Computing Lab  
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## Education

- 09/2014 - 11/2018**   **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**   **Visiting 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. 200–211, 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: Detección de irregularidades en fuentes de datos y procesos distribuidos** (2018-2020). Ministerio de Economía, Industria y Competitividad. Proyectos de I+D+I del programa estatal de investigación, desarrollo e innovación orientada a los retos de la sociedad (TEC2017-84197-C4-2-R).
- **INRISCO: Análisis de comunicados basado en minería social** (2015-2017). Ministerio de Ciencia e Innovación. Proyectos de I+D+I del programa estatal de investigación, desarrollo e innovación orientada a los retos de la sociedad (TEC2014-54335-C4-3-R).
- **EMRISCO: Análisis de comunidades basado en minería social** (2014). Ministerio de Ciencia e Innovación. Proyectos de I+D+I del programa estatal de investigación, desarrollo e innovación orientada a los retos de la sociedad (TEC2013-47665-C4-3-R).

## Awards and fellowships

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

## Languages

<b>Spanish</b>	Native
<b>English</b>	Fluent
<b>French</b>	Upper-Intermediate
<b>German</b>	Intermediate

## Other

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| <b>10/2016</b> | <b>GRADschool 2016.</b> Formación para investigadores. Fundación Barrié. This course aims at assisting PhD students in the development of the transferable skills acquired in research. |
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## References

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