



## **Conceição Granja, Ph.D.**

Postdoctoral Fellow

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Conceição Granja is a Postdoctoral fellow at the Norwegian Centre for Integrated Care and Telemedicine (NST) at the University Hospital of North Norway, in the department for eHealth and ICT. She received her Ph.D. in 2013 at the Faculty of Engineering, University of Porto. Her Ph.D. thesis focuses on process optimization in Healthcare Providers, in the particular case of diagnostic imaging, achieved through the implementation of modeling and simulation techniques.

Conceição is conducting her postdoctoral work at NST in the eTeam-Surgery project. The aim of the eTeam-Surgery research project is to reduce the elective surgery cancellations, by studying pre-operative planning and determine if it may be moved from the hospital to the patient at home through electronic collaboration.

She started as a researcher at CIN S.A. in 2004, where she participated in her first industrial research project, even before she finishing her graduation. Here, she participated in a research project within Artificial Intelligence developing a model for varnishing schemes recommendation using neural networks.

In 2006, Conceição was invited to join the Research and Development team at Siemens Healthcare, where she developed her doctoral work from 2007. In parallel to her Ph.D., she participated in participated in process optimization and Health Information Systems Integration and was Project Manager of the DoseCard project. DoseCard is a system to estimate the radiation dose to which a patient is exposed during medical imaging examinations using ionizing radiation. The details of the medical radiation exposure is stored in a SmartCard that is given to the patients for them to carry.

Conceição was a lecture on “Management of Healthcare Units” in the Higher Institute for Health Sciences at CESPU. More recently she was a project supervisor in the “Telemedicine and e-health systems” lecture at the Artic University of Norway.

In 2013, Conceição received the iUP25k innovation award from University of Porto, with the TerMonitor project which main focus is to apply thermography in health care.

Conceição has been involved in the IARIA International Conference on Information, Process, and Knowledge Management since 2010 by presenting and charring sessions, and from 2011, reviewing submissions as a member of the Technical Program Committee. She is also in the Technical Program Committee for INFOCOMP, International Conference on Advanced Communications and Computation, and on the Editorial Board for “International Journal On Advances in Life Sciences”