Guest Editorial: End-user Service Provision for Ambient Intelligence

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End-user service provision defines scenarios with more participative users, which not only share content but also the logic to access, process and represent this content, in the form of applications and services. In this special issue of INPRA we focus on End-user Service Provision for Ambient Intelligence including high-quality scientific works facilitating end-user development, interaction, composition, identification and communication with sensors and actuators. This special issue is composed of the following three papers, selected and extended from the EUSPAI workshop, published in UCAMl 2014 conference proceedings [1]:

- The paper of Alcarria et al., entitled “Towards a methodology for prosumer service provision on ambient intelligence scenarios” [2], proposes a methodological approach for the creation of a prosumer platform that treats these services as knowledge objects. As a novel approach, a new set of interacting roles are introduced and service lifecycle is modeled in SPEM language. Four use cases show the relationships between different roles in ambient intelligence scenarios.

- Poveda et al.’s paper “Designing emergency management services by ontology driven social simulation” [4] proposes a general model for designing emergency management services in indoor environment. EinSim, the core of this model, is an ontology that gathers the most relevant concepts for the design of these services and the binding to external and well-referenced data.


Finally, we would like to express our special thanks to both the Editors in Chief of the INPRA and the reviewers for their countless effort.

References


### Author Biography

**Ramón Alcarria** received his M.S. and Ph.D. degrees in Telecommunication Engineering from the Technical University of Madrid in 2008 and 2013 respectively. Currently, he is an assistant professor at the E.T.S.I Topography of the Technical University of Madrid. His research interests are Service Architectures, Sensor Networks, Service Composition and Prosumer Environments.

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