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 hi-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 UCAmI 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.

- The paper of Sánchez de Rivera and Sánchez-Picot "Dynamic price generation and distribution system using ECA rules and ink labeling" [3] describes an infrastructure to generate and distribute product information by using electronic ink displays with the help of Event-Condition-Action rules to allow non-technical end-users to set a dynamic pricing scenario in a natural way.

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

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[3] D. S. de Rivera and Álvaro Sánchez-Picot. Dynamic price generation and distribution system using eca rules and ink labeling. *IT CoNvergence PRActice (INPRA)*, 3(1):31–41, March 2015.

[4] G. Poveda, E. Serrano, and M. Garijo. Designing emergency management services by ontology driven social simulation. *IT CoNvergence PRActice (INPRA)*, 3(1):15–30, March 2015.

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