



Nov. 6-9
Valencia, Spain



Call for papers

3rd International Workshop on Modeling for Ambient Assistance and Healthy Ageing

<http://ae-ainf.aau.at/conferences/AHA2017>

WORKSHOP ORGANIZATION

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“Health, demographic change and wellbeing” is a challenge of the entire world. This becomes evident when looking at current demographic statistics. Related research and development is driven into various directions amongst which the fields of “Active and Assisted Living (AAL)” and “Healthy Ageing (HA)” are rather prominent. The design of innovative and beneficial IT solutions in these domains recommends “think-ing out of the box”, i.e. looking beyond current ways of living in the older age. For innovation to work, the stakeholders of future assistance systems have to be involved in order to offer them comprehensible representations of possible solutions that enable them to express their concerns and demands. Therefore, the realization of advanced systems to support AAL and HA recommends the design and use of powerful models.

Still, there are only few systematic approaches to modeling methods for these fields. The AHA workshop series is to reveal and promote the existing and potential contributions, which can be made by the modeling community to AAL and HA. A particular emphasis is on Modeling within the context of designing and developing systems for assisting humans in their everyday live and in healthy ageing.

Although AHA2017 is part of the Int. Conference on Conceptual Modeling, the workshop also aims at attracting researchers, who use non-conceptual modeling approaches in order to discuss possible overlaps.

The workshop will combine (1) reports on up-to-date research (full paper submissions, and short papers on on-going work), (2) impulse talks conveying the state-of-the art of conceptual modeling in the AHA domain as well as challenges for future research, and (3) intensive discussions.

The workshop focuses on Modeling as a means for mastering the challenges that emerge with attempts to design and develop systems for assisting humans in their everyday live and in healthy ageing. Special attention will be paid to

- Open Models, i.e. models that are broadly understood, can be freely accessed according to the principles of “open source”, and may be developed cooperatively,
- Domain specific modeling languages, supporting tools and related meta-modeling frameworks,
- Ontological foundation,
- The relevant contexts to be covered by modeling approaches,
- Learning Systems based on Cognitive Modeling and knowledge integration,
- Reasoning under uncertainty,
- Models as communication and interaction means at usage time,
- Adaptation to individual (over time changing) linguistic and cognitive capabilities of different users (groups),
- Model data management,
- Innovative applications,
- Experiences with modeling tools and meta-modeling frameworks.

IMPORTANT DATES & SUBMISSION GUIDELINES

Paper Abstracts:	June 26, 2017
Full Papers:	July 3, 2017
Author Notification:	July 26, 2017
Final Papers	August 9, 2017

The proceedings will be published in the Springer LNCS series; therefore, manuscripts must follow the LNCS author guidelines. The page limit for full papers is 14, for short papers 8. Manuscripts not submitted in the LNCS style or exceeding the page limit will not be reviewed and automatically rejected. A paper submitted to AHA2017 must not be under review for any other conference or journal during the time it is being considered for AHA017. Submitted papers must demonstrate to be aware of the state-of-the art literature in conceptual modeling by properly citing relevant papers in the field. Submission is via EasyChair <https://easychair.org/conferences/?conf=aha2017>.