



1st Workshop on

Interacting with Smart Objects

in conjunction with IUI 2011

Date and Location

13.02.2011
Stanford University
Palo Alto, USA

Website & Contact

www.smart-objects.org
info@smart-objects.org

Call for Papers: 1st Workshop on Interacting with Smart Objects

There is an undeniable ongoing trend to put computing capabilities into everyday objects and places. Well known examples range from smart kitchen appliances and objects (smart coffee machines, smart knives and cuttings boards) up to smart meeting rooms and even city-wide infrastructures.

These smart objects are fully functional on their own, but added value is obtained through communication and distributed reasoning. While other venues have focused on the many technical challenges of implementing smart objects, far less research has been done on the topic of how the intelligence situated in these smart objects can be applied to improve their interaction with the users. This field of study poses unique challenges and opportunities for designing smart interaction.

The aim of this workshop is to leverage the discussion on the design of the interaction with smart objects. Thereby, we want to bring together researchers from all related fields like human-computer interaction, ubiquitous computing and psychology.

Topics of Interest

We seek high quality contributions that explore the combination of intelligent interaction with the specific characteristics of smart objects, including but not limited to:

- novel interaction concepts for smart objects
- self-explanatory smart objects
- multimodal and adapted interaction
- context-awareness
- embodied and tangible interaction
- intelligibility of smart objects
- user studies and evaluation techniques
- technology and models required for enabling the interaction with smart objects

Paper Submission

We invite submissions in three different formats: Position papers (2 pages ACM style), short papers / demo papers (4 pages ACM style), full papers (6 pages ACM style). Further information on the submission procedure can be found on the workshop website.

Workshop Format

The workshop takes one full day during the IUI 2011 conference. The contributions will be presented orally with focus on the discussion. Contributors are encouraged to show demos of their systems.

Important Dates

Submission:	12.11.2010
Notification:	12.12.2010
Camera-ready version:	19.12.2010
Workshop:	13.02.2011

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