

DIPSO 2009

3rd International Workshop on Design and Integration Principles for Smart Objects (DIPSO 2009)
In Conjunction with Ubicomp 2009. September 30, 2009. Orlando, Florida

<http://eis.comp.lancs.ac.uk/workshops/DIPSO/DIPSO2009>



Tagging everyday objects with sensors, actuators and building an instrumented environment are recent practices in industry and academia. In fact, the smart object domain has matured over the years. The combination of Internet and technologies like near field communications, real time localization, sensor networking etc. is bringing smart objects into commercial use. Several successful prototypes and applications have already demonstrated and deployed. However, the lack of commonality among the design principles and the underlying infrastructures of these projects is hindering the exciting future of smart object systems. We believe the primary reason behind this phenomenon is one missing rationale for the design and integration of smart objects. Now it is the time to focus on current practices and align on some key issues to continue the rapid progress of smart objects. DIPSO 2009 seeks to follow the earlier DIPSO workshops, co-located with Ubicomp 2007 and Ubicomp 2008 and will look at the existing smart object systems to extract and extrapolate the best practices to rationalize the design and integration principles for smart objects. The major workshop activity will contain lively discussion phases structured around some concrete agendas. We promise to develop some research directions for smart objects design and integration research.

Important Dates

Submission Deadline: July 5, 2009 (Extended)
Acceptance Notification: July 20, 2009
Final Version: August 1, 2009
Workshop Due: September 30, 2009

We solicit technical papers describing original, novel and previously unpublished research results. Areas of interest include, but are not limited to:

- Design, Development and Representation of Smart Objects
- Integration and Co-operation Model of Smart Objects
- Interaction Paradigm for Smart Object Systems
- Application Scenarios with Smart Objects
- User Studies on Smart Object Systems

Organizers

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SUBMISSION INSTRUCTIONS: Papers should be formatted following the prescribed template (available in the workshop website) and submitted in PDF format. Papers must be no longer than 6 pages, including the abstract, all figures, and references.