

DIPSO 2009 Call for Papers

3rd International Workshop on Design and Integration Principles for Smart Objects

In Conjunction with the 11th International Conference on Ubiquitous Computing (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.

Topic Areas

We solicit technical papers describing original, novel and previously unpublished research results.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

- Design, Development and Representations 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

Format and Paper Submission Guidelines

The workshop will be highly interactive to maximize information exchange and foster collaborations. Major workshop activities will take place in small discussion groups following presentations of workshop participants. Selection of workshop participants is based on submitted papers describing ongoing research and experiences. We encourage submissions from researchers, practitioners and students from academia as well as industry. An international program committee with appropriate expertise will review all papers. The ideal submission should provide an insightful survey of existing works, experience report or present concrete, significant research based on the implementation and evaluation of a smart object based working system.

All Ubicomp will publish all workshop papers in a proceedings supplement. The supplement will not be included in the ACM digital library. Copyright of the published papers will remain with the authors. Papers should be formatted according to SIGCHI template download-able from <http://www.ubicomp.org/ubicomp2009/templates.shtmltemplate> and submitted in PDF format. Papers must be no longer than 6 pages, including the abstract, all figures, and references. Forward the position papers to fahim.kawsar@gmail.com in .pdf format.

Important Dates

Submission Deadline: July 5, 2009

Acceptance Notification: July 20, 2009

Final Version: August 1, 2009

Workshop Due: September 30, 2009

Organizers

- Fahim Kawsar (Lancaster University, UK)
- Gerd Kortuem (Lancaster University, UK)
- Kaori Fujinami (Tokyo University of Agriculture and Technology, Japan)
- Jin Nakazawa (Keio University, Japan)
- Jong Hyuk Park (Kyungnam University, Korea)

Further Information

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