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. This special issue aims to foster the dissemination of high quality, original research on smart object systems. Original research articles are solicited in all aspects of smart object systems including awareness technology (sensors and actuators) platforms, system infrastructure, communication technologies, theoretical studies, practical applications, and experimental prototypes.

**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We solicit technical papers describing original, novel and previously unpublished research results.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 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

**Format and Paper Submission Guidelines**

Authors are invited to submit papers that have not been submitted in parallel to other journals. We encourage the submission of extended versions of papers handed in to DIPSO 2008 or other events.

The papers will be peer reviewed and selected based on their quality, significance and relevance to the scope of the Special Issue. Please submit your papers to the corresponding Guest Editor- Fahim Kawsar (fahim.kawsar@gmail.com).

Papers must be prepared in PDF format. For the format and page limit of the manuscript, please see http://www.sersc.org/journals/IJMUE/.
Schedule

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Guest Editors

Fahim Kawsar
Waseda University, Japan
fahim.kawsar@gmail.com

Michael Beigl
TU Braunschweig, Germany
beigl@ibr.cs.tu-bs.de

Jin Nakazawa
Keio University, Japan
jin@ht.sfc.keio.ac.jp