

# Call for Papers - ISA 2009

## *The First International Workshop on Indoor Spatial Awareness*

in conjunction with MDM 2009

<http://stem.cs.pnu.edu/isa2009>

May 18, 2009, Taipei, Taiwan

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With the rapid progress of location based services, GIS, and ubiquitous computing technologies, the space that we are dealing with is no longer limited to outdoor space but being extended to indoor space. Indoor spaces has some differences from outdoor space, therefore to provide integrated spaces and seamless services, it is required to establish new theories, data models, and systems. For this reason, research has begun to extend the scope of LBS and GIS to indoor space for the applications such as indoor navigation services, indoor LBS and indoor GIS. This workshop is therefore intended to bring together researchers, developers, and practitioners carrying out research and development related to the topic of indoor spatial awareness and to provide a forum for interdisciplinary discussions in all aspects of indoor spatial awareness.

**Topics of Interest:** The topics of workshop include (but not limited) the following:

- indoor spatial data models,
- handling moving objects in indoor space,
- tracking and navigation in indoor space,
- indexing and query processing of indoor spatial databases,
- construction of indoor spatial databases,
- context-awareness in indoor space,
- indoor space analysis,
- ontology for indoor space,
- interoperability and standards, and
- applications and services for indoor space

**Information for authors and submission guidelines:** Papers should be submitted via the workshop web page (paper submission page). All submitted papers should be written in English up to 6 pages in PDF and IEEE style. Formatting instructions and LaTeX macros are available on the IEEE Computer Society sites

- <http://www.computer.org/cspress/instruct.htm>
- [ftp://pubftp.computer.org/Press/Outgoing/proceedings/8.5x11-Formatting files](ftp://pubftp.computer.org/Press/Outgoing/proceedings/8.5x11-Formattingfiles)

Acceptance will be based on relevance, technical quality, originality, and clarity of presentation. All submitted papers will be reviewed by at least 3 referees, in a double-blind review process. Papers which are not anonymous will be excluded from the reviewing process. Accepted papers will be published in the proceedings, which will be printed in hardcopy with IEEE press and included in IEEE Explore. For more information, please contact one of the workshop co-chairs, Prof. Mike Worboys ([worboys@spatial.maine.edu](mailto:worboys@spatial.maine.edu)) and Prof. Ki-Joune Li ([lik@pnu.edu](mailto:lik@pnu.edu)).

### **Important Dates:**

- December 14, 2008: Full paper submission deadline
- January 31, 2009: Notification of acceptance
- March 1, 2009: Camera-Ready copies deadline
- May 1, 2009: Workshop

### **Workshop Co-chairs**

- Mike Worboys, University of Maine, Orono, USA
- Ki-Joune Li, Pusan National University, South Korea