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### ORGANIZATION

- Ulrike Lucke
- Daniel Versick

For further information please contact the organizers at:

imc2009@imc-conference.org

### IMPORTANT DATES

Submission of Full Papers:  
**June 1, 2009**

Submission of Proposals for Tutorials and Discussion Groups:  
**July 1, 2009**

Notification of Acceptance:  
**July 15, 2009**

Camera-Ready Papers:  
**August 01, 2009**

Computers are becoming more and more ubiquitous, moving from the desktop into infrastructures of our everyday life. The use of mobile technology and wireless communication has become a commodity. "Smart" technologies and ambient intelligence are going to augment and influence the way we interact with our personal environment – the (physical) entities that we operate upon in order to achieve our daily goals. Smart appliances and instrumented environments provide electronic assistance for scenarios and situations, where computer support has not yet been available. IT-enabled artifacts are increasingly context-sensitive, cooperative and pro-active; our everyday environment is becoming „alive“ with an unobtrusive background fabric of communicating and assisting multimedia appliances. IMC2009 is going to explore the design space of innovative approaches and technical visions for future assistive systems.

We solicit original papers, state of the art reviews, and technology demonstrators looking at these aspects with respect to topics such as:

- enabling the electronic assistant to understand the user's goals and preferences as well as the individual strategies employed by the user for achieving these goals
- sensing and understanding the user's personal environment and the ways the environment influences his activities and strategies
- providing intuitive interaction by supporting novel input technologies as well as tailored information visualization techniques
- making this support available in the user's environment, like smart home, smart office, etc.
- modeling, simulating, and rapidly deploying new scenarios, architectures, and tools for interactive mobile applications
- managing security, privacy, and trust in sensor-rich dynamic environments

The goal of this conference is to define a road-map for assistive systems. IMC2009 will provide a forum for the discussion of the individual problem areas from an interdisciplinary viewpoint.

IMC2009 is the successor of a series of workshops and symposia originating in 1996, spanning the gap between interactive graphics, intelligent assistance, and system technologies for mobile computing. IMC2009 is going to be arranged in conjunction with the local programme *Rostock thinking 365°* resulting from our application as a German „City of Sciences“.

### SUBMISSION OF PAPERS

We kindly invite authors to submit original and unpublished full papers until June 1, 2009. Papers must be written in English and should not exceed 12 pages in Springer style. Papers may be submitted in either Adobe PDF (preferred) or Postscript format. Submission implies the willingness of at least one author to fully register for IMC2009 and present the paper on-site. Accepted papers will be published in Springer's LNCS series (confirmation pending).

### CALL FOR TUTORIAL / DISCUSSION GROUP PROPOSALS

The main IMC2009 tracks are going to be complemented with state-of-the-art tutorials and targeted discussion groups on hot topics of intelligent interactive assistance and mobile multimedia computing. Interested organizers are kindly asked to submit a one-page proposal by email not later than July 1, 2009.

