



***ISCRAM2009***  
**The 6<sup>th</sup> International Conference on Information Systems for  
Crisis Response and Management**

**Gothenburg, Sweden**  
**May 10-13, 2009**  
**<http://www.iscram.org>**

**TRACK: Human Computer Interaction**

**CALL FOR PAPERS**

**Introduction of the track**

Human Computer Interaction (HCI) is the interdisciplinary study of the design, development, and evaluation of user interfaces. Focusing on useful and usable information systems for crisis response and management these HCI tasks become particularly challenging. The essential criterion for all activities in this area is acceptance by practitioners who are the experts in their domain. They often work under stress with a high cognitive load and under difficult physical conditions. New and innovative IT concepts and tools introduced to the domain could be mission critical and decide about lives.

With this background, research and development activities need to focus on concepts and solutions that help avoid information overload and support decision making without introducing more complexity or uncertainty to the work of practitioners. New approaches to multimodal and intelligent interfaces, knowledge management and event recognition, mobile and robust interaction techniques, and user-centered design with strong end-user involvement are needed in order to drive innovation, accelerate the introduction of promising technologies to the end-user domain and to facilitate creative appropriation by practitioners.

The HCI track of ISCRAM 2009 seeks to bring together researchers, technological experts and practitioners to contribute with paper submissions that address these HCI challenges and focus on relevant aspects including the following topics listed below.

**Suggested topics** (non-exhaustive list):

- Information system design with special focus on information overload issues
- Multimodal interaction, interfaces and dialog management
- Fusion, processing and storage of multimodal data
- Design methodologies for human-computer interaction
- Usability engineering, metrics, and methods
- Information visualization for decision making, information sharing and collaboration
- Visual analytics
- Event recognition, recommender systems and intelligent knowledge management

- Models for communication behavior and information interaction
- Impact of interfaces and information technology on attitudes, behavior, performance, perception, and productivity
- Trust in technology, dependability
- Technology acceptance from cognitive, motivational and user interface design perspectives

### **Special Sessions:**

In addition to the general track, this track also includes the following special sessions:

- HCI Design for Emergency Systems
- Requirements engineering as the key to user acceptance
- Requirements and Solutions for Information Overload in Emergency Preparedness and Management

For detailed information regarding special sessions, please consult each Special Sessions' Call for Papers.

### **Track co-chairs**

Jobst Löffler, Fraunhofer IAIS, Germany

Monika Buscher, Lancaster University, UK

John M. Carroll, Pennsylvania State University, USA

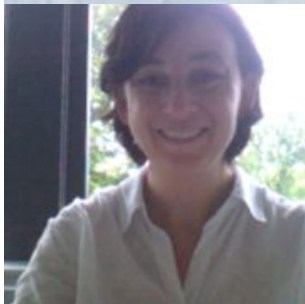
### **Corresponding co-Chair**

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### **Important Notice:**

- All submissions must be formatted according to the ISCRAM 2009 formatting guidelines. Templates and instructions are published on [www.iscram.org](http://www.iscram.org).
- All submissions must be submitted through the ISCRAM 2009 conference paper submission web page at [www.conftool.com/iscram2009](http://www.conftool.com/iscram2009). Instructions for the ConfTool system can be found on [www.iscram.org](http://www.iscram.org).
- All papers and presentations will go through a double-blind review process, leading to a decision of (conditional) acceptance or rejection.
- Accepted papers will be included in the ISCRAM 2009 program and published in the official proceedings if and only if
  - (1) the paper is formatted according to the instructions,
  - (2) the authors sign the copyright transfer form and
  - (3) one of the authors registers for the conference and pays the registration fee before the cut-off date for early registration.
- Authors who have multiple papers accepted can only register for and present one paper at the conference; co-authors need to register separately.

### **Important ISCRAM 2009 Dates:**

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|---------------------------------------|-------------------|
| • Submission deadline:                | January 11, 2009  |
| • Notification of conditional accept: | February 16, 2009 |
| • Final submission revised paper:     | March 1, 2009     |
| • Final author notification:          | March 9, 2009     |
| • Early registration deadline:        | March 22, 2009    |
| • Conference:                         | May 10-13 2009    |

### **About ISCRAM:**

The ISCRAM Community is a worldwide community of researchers, scholars, teachers, students, practitioners and policy makers interested or actively involved in the subject of Information Systems for Crisis Response and Management. At its annual international conference alternating between the US and Europe, the ISCRAM Community gathers to present and discuss the latest research and developments in this growing area during an interactive and stimulating 3 day program. The ISCRAM Community also organizes an

International Summer School for PhD students and ISCRAM-CHINA, an annual conference for ISCRAM research in China. All information on ISCRAM can be found at <http://www.iscram.org>

This year the conference will be held from 10-13 May at the Göteborg University located in Gothenburg, Sweden. The conference will be hosted by the Viktoria Institute and the IT-university of Gothenburg. All details on this conference will be made available via the ISCRAM website mentioned above.