CONFERENCE THEME: Empowering Citizens and Communities through Information Systems for Crisis Response and Management
Conference Dates: May 18-21 2014

TRACK: Intelligent Systems

Introduction to the track

The aim of this track is to bring together state-of-the-art works on crisis information systems that exhibit some degree of intelligent behaviour. Intelligent systems have for many years now been at the forefront of empowering crisis managers, citizens and communities through advanced information systems.

Providing adequate information management and decision support during a crisis situation makes exacting demands on the information systems employed. Acquiring, filtering, organizing, representing, reasoning with and distributing relevant information to the right stakeholders at the right time and in the right format is a challenging and complex task. Intelligent systems provide a way of managing this complexity. Such systems may be deployed to help emergency responders to maintain their preparedness, to manage the crisis or to implement the recovery.

Intelligent systems will display some ability to reason, perceive, learn or act intelligently in their environments; and they may have proactive, reactive, autonomous and/or social aspects. Techniques from Artificial Intelligence and associated domains may be employed to develop such robust and adaptable information management and decision support systems.

This track welcomes contributions to the theory, methodology and practice of developing and evaluating intelligent systems in the context of crisis response and management.

Track topics

- *Intelligent agents and distributed problem solving*
- *Intelligent web based applications and intelligent training systems*
- *Intelligent user interfaces*
- *Agent based modeling and social simulation as a decision making tool*
- *Adaptive and self organizing systems*
- *Machine learning*
- *Knowledge representation, discovery and reasoning*
- *Planning and scheduling*
- *Group decision making*
- *Social intelligence*
- *Automatic negotiation of trust*
- *Knowledge-based systems*
- *Rescue robotics*
- *Optimization and heuristics*
- *Intelligent behaviour in wireless sensors networks*

Describe how you will recruit authors and reviewers

The CFP will be distributed to relevant mailing lists and the usual social media channels (e.g. ISCRAM Facebook page, Twitter, etc.). Furthermore, we will invite potential authors we know personally to submit papers and we will contact authors who have published in the track previously. The CFP will also go onto the organizers' web pages. This will hopefully lead to continued involvement with the track and contribute to its quality.

Similarly, reviewers from previous years will be contacted and past authors may contribute as reviewers.

Track Chair and Co-Chairs

Julie Dugdale is a previous ISCRAM conference programme chair. Both Julie and Gerhard Wickler have been friends of ISCRAM for a number of years now. They have organized the Intelligent Systems track at ISCRAM conferences since 2008, they have attended various conferences, and they are members of the board of directors of the ISCRAM association.

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Corresponding Chair

Important Dates
- Call for papers/website www.iscram2014.org
- Track chairs recruit reviewers and send list to program committee by August 15; reviewing may begin as soon as papers are submitted, e.g., in September.
- Deadline for full paper submissions – Nov. 15th (decision by January 6th)
- Deadline for work-in-progress papers, practitioner papers, posters, doctoral student colloquium papers - January 13th (decision by Feb. 10)
- FINAL camera-ready papers— February 7 for long papers, February 24 short papers
- Track chairs/ Meta reviewers review final papers for content and format, and recommend decisions by March 3
- Final decisions made by program and scientific committee, and authors notified by March 15

(At least one author must be registered for the conference by April 1 so work on the schedule and proceedings can begin).

The meeting:
Saturday, May 17th, 2014: Arrival for pre-conference attendees.
Sunday,May18: Doctoral Consortium, Tutorials and Workshop, Beer evening
Monday, May 19, 2014: Opening Day of Conference.
Tuesday, May 20,)2014: Middle Day of Conference. Iscram Association Meeting. Conference Banquet.
Wednesday, May 21, 2014 through about 5 pm: Last Day of Conference.