



VANCOUVER CANADA
April 22 - 25, 2012

ISCRAM2012
Integrative and Analytical Approaches to Crisis Response and
Emergency Management Information Systems
9th International Conference on
Information Systems for Crisis Response and Management
Morris J Wosk Centre for Dialogue
Simon Fraser University

www.iscram.org/iscram2012

TRACK: Event-Driven Techniques and Methods
for Crisis Management

Introduction of the track

Over the last years, a lot of works about activity-oriented and service-oriented approaches was proposed to design, re-engineer and develop Business Processes or Information Systems. Nowadays, new methods and techniques based on "events" appear. An "event" is defined as a notable thing that happens inside or outside the studied system, as for instance: a problem, an opportunity, a threshold, a deviation, etc. The most important issue is an efficient detection of such events, leading to the so called situational awareness. As evidence, this notion fits clearly with crisis situations and "event-driven" approaches should be very useful to improve crisis response and management.

This track wants to promote new ideas and state-of-the-art approaches in the area of event processing by bringing together researchers, decision makers, domain experts and practitioners, with a range of science and engineering background, to discuss the challenges and complexities of using this approach in crisis context. Research or practitioner works both on Information Systems and Business Processes are welcomed. The track aims also to provide an opportunity for establishing and reinforcing scientific and technological collaboration between experts working in this field.

Track topics

- *Event-driven Decision Support System*
- *Complex Event Processing (CEP)*
- *Event Driven Architecture (EDA)*
- *Event Process Modeling*
- *Event-Driven Programming*
- *Event-Driven Service-Oriented Architecture (Event-Driven SOA or SOA 2.0)*
- *Event Flow Layers: generators, channels, engines, etc.*
- *Event Gathering: technologies, apps, methods, etc.*
- *Cloud Computing*



Track Chairs



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Type of submissions

ISCRAM2012 is soliciting three types of submission:

1. Full research papers, which will be double blind peer reviewed. It is intended that these will report completed work which can be assessed to the highest academic standards. Such papers should be no more than 10 pages with figures & tables (~5000 words)
2. Work in progress and discussion paper which will be subjected to a light peer review to ensure clarity. Such papers should be no more than 5 pages with figures & tables (~2500 words)
3. Practitioner reports and discussions which raise issues, examples and case studies of importance in responding to and managing crises. Such paper will be subject to a light peer review to ensure clarity and should be no more than 5 pages with figures & tables (~2500 words)

Note that the designation of the paper and its reviewing will be indicated in the conference proceedings. Also we are not trying to create some concept of first and second quality papers. Rather we are aware that some report finished work which can be assessed in the sense of full peer review and contribution to research, while others offer ideas and thoughts which will stimulate discussion at ISCRAM conferences. The latter are vital if we are to make the conference valuable for shaping our subject. Full papers, work-in-progress papers and poster abstracts will be published in the proceedings.

Note that the ISCRAM paper template is available at www.iscram.org/iscram2012 under the “submissions” tab. All submissions must conform to ISCRAM formatting guidelines.

Submission process and deadlines

Authors must submit papers and posters electronically at <https://www.conftool.com/iscram2012/>. All papers must use the ISCRAM MS Word template for papers. Deadlines for each submission format are listed below:



**Submission Deadline Schedule for Papers, Posters, and
Doctoral Colloquium:**

Full paper submissions -- November 15th, 2011

Work-in-progress paper, practitioner papers, posters -- January 15th, 2012

Doctoral student colloquium papers -- February 15th, 2012

Submission site: <https://www.conftool.com/iscram2012/>

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. Full information on ISCRAM can be found at www.iscram.org.