



ISCRAM 2011

From early-warning systems to preparedness and training

**8th International Conference on
Information Systems for Crisis Response and Management**

**May 8-11 2011
LNEC Congress Centre
Lisbon, Portugal
<http://iscram2011.lnec.pt>**

TRACK: Information Systems Interop Standards

Introduction to track

The information systems space is now rich with systems that support the crisis response domain from tools that provide organization specific emergency management capabilities all the way to public crowd sourcing tools. Each tool is valuable and caters to a different use case and associated target users. However due to the rich diversity of tools, there is an amplification of data isolation, unnecessary re-entry and redundancy. It is this problem that this track exists to address. The objective of this track is to find approaches that can enable effective data sharing between systems and the agencies that own it. The actors include state agencies, NGOs, the private sector and the general public, thus this diversity makes this problem greater. Common ontologies, semantics, interop standards and interop tests are needed to enable such information sharing from a technical perspective, before agencies can agree to share data with each other. Apart from such enabling factors, inter-personal and inter-organizational trust and socio-political factors affect the dynamics of information sharing. Compound this with decision processes that need to be made in a fast-changing environment of people with different levels of expertise, multi-disciplinary backgrounds, and multi-cultural and multi-lingual work environments.

Thus much research and solutions are still needed in each of these potential stumbling blocks to information sharing and this track exists to welcome research, practitioner best practices and solution providers to demonstrate their work with those goals in mind. Also for the first time in ISCRAM we will look to conduct an interop workshop to test system compliance on various popular interop standards such as GeoRSS, EDXL, CAP to name a few and validate data exchange between participating systems and prototypes. These results especially can be directly applied for better preparedness in disaster response.

We welcome:

1. **Research Papers**
Academically referenced research and survey papers
2. **Practitioner Best Practice Presentations**
Experience based best practices and through leadership
3. **Standard Specifications and Presentations**
Popularized and emerging interop specs
4. **Solution provider presentations and demonstrations**
Solutions referenced against interop problem areas

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5. **Interop Workshop** participants
Nomination of systems to participate in interop workshop tests on standards and data exchange with other systems that participate.
6. **Standards** Trainings
Educate researchers, practitioners and decision makers on new interop standards specs

Track topics

Track Topics Can Include but not limited to

- Emerging and existing information interop **use-cases** and **scenarios**
- **Standards** developed by **standards bodies** (e.g. OASIS, OGC, W3C) or otherwise for inter-agency interop and otherwise defined in other groups
- **Proposed interop standards** to address use-cases
- Research and **surveys** assessing interop standards applied in the field
- Identification of **new use-cases** where interop standards is yet not forthcoming
- Governance, regulations, legislation and processes used to manage trusted information sharing effectively

Track Chair and Co-Chairs



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Types of Submissions

ISCRAM 2011 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 (2500 to max 5000 words)
2. *Work in progress papers*, which will be subjected to a light peer review to ensure clarity, significance and relevance. Such papers should be no more than 5 pages with figures & tables (max 2500 words)
3. *Practitioner papers*, which will be subjected to a light peer review to ensure clarity, significance and relevance and should be no more than 5 pages with figures & tables (max 2500 words)
4. *Practitioner presentations*, which will be subject to a light peer review to ensure clarity and novelty. No more than 25 slides
5. *System Demonstrations*, which will be reviewed for relevance to track or/and interop workshop

Note that the type of the paper will be indicated in the conference proceedings, along with a description of the reviewing process.

Paper Submission Process and Deadlines

Submitted papers must conform to the ISCRAM guidelines for submission, available at <http://iscram2011.lnec.pt/>.

Submissions must be made online at www.conftool.com/iscram2011 by 15 November 2010 (for full research papers) or 15 December 2010 (for work in progress and discussion papers.).

Schedule of Important Dates

01 October 2010 - Submission of proposals for panels and other special sessions

01 November - Notification of acceptance for panels and other special sessions

15 November 2010 - Submission of full research papers

15 December 2010 - Submission of work-in-progress papers and practitioner papers

Mid January 2011 - Notification of acceptance for full research papers

End January 2011 - Notification of acceptance for work-in-progress and practitioner papers

15 January 2011 - Submission of proposals for demonstrations and interop workshop

01 February 2011 - Submission of applications for Doctoral Colloquium

End February 2011 - Submission of revised, camera-ready full research papers; notification of acceptance for Doctoral Colloquium and demonstrations

18 March 2011 - Deadline for early registration

About ISCRAM:

The ISCRAM Community is a worldwide network 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 (which alternates between US and European locations), the ISCRAM Community gathers to present and discuss the latest research and developments in this growing area during an interactive and stimulating three-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.