

Christoph Bussler

From: dbworld-bounces@cs.wisc.edu on behalf of Nik Bessis [nik.bessis@beds.ac.uk]
Sent: Sunday, July 25, 2010 2:34 AM
To: dbworld@cs.wisc.edu
Subject: [Dbworld] Reminder,CFP: 1st Int Workshop on Computational Intelligence for DisasterManagement (CIDM-2010)

CALL for PAPERS:

First International Workshop on
Computational Intelligence for Disaster Management (CIDM-2010)

in conjunction with the

2nd International Conference on INTELLIGENT NETWORKING AND COLLABORATIVE SYSTEMS (INCoS 2010) November 24-26, 2010, Thessaloniki, Greece

CIDM-2010 workshop page:

http://www.beds.ac.uk/departments/computing/staff/nik-bessis/cidm_2010

INCoS-2010 conference page:

<http://incos2010.web.auth.gr/>

Aims and Scope

The first International Workshop on Computational Intelligence for Disaster Management (CIDM-2010) is dedicated to the dissemination of completed or work in progress original contributions that are related to the theories, practices and concepts of emerging computational and collaborative technologies for the purpose of managing disasters. Various advanced and emerging computational paradigms could be applied as a means to mitigate and prepare for, respond to and recover from growing occurrences of natural and man-made disasters. Stakeholders in disaster management settings often find the effective and efficient utilization of emerging technologies quite a challenging process but very frequently a critical computational inclusion to the intelligence that it is required in the decision-making for protecting lives, organizations, property, environment and technical infrastructures. CIDM-2010 aims to prompt relevant discussion and highlight issues related to the stakeholders' needs and the available technologies, which could be applied to support the operation and functioning during the aforementioned disaster stages.

CIDM-2010 will highlight issues from various stakeholders' perspectives including civil protection, fire and rescue services, ambulance and health services, humanitarian bodies and, technical infrastructure managers and administrators. CIDM-2010 aims also to discuss advanced ICTs supporting stakeholders' operations. Thus, advances of applicable technologies including smart spaces and sensors, context-aware, situated and pervasive computing, geographical information systems, ad-hoc mobile networks, wireless communications, grid and cloud computing, social networks, Web 2.0 and crowd sourcing need to be discussed. The scope of CIDM-2010 is to demonstrate the increased applicability and impact of computational intelligence in satisfying the disaster's management domain challenging requirements. Finally, CIDM-2010 aims to provide a forum for original discussion and prompt future directions in the emerging area.

Topics:

Papers should be focused on past, current and emerging methods and/or use of technologies with a particular focus to the computational intelligence in the decision-making required for managing disasters.

The main topic areas include, but are not limited to:

- o Critical Reviews on Disaster Management stages: mitigation, preparedness, response and recovery
- o Critical Reviews on Computational Intelligence, Decision, Operational and Risk Management
- o Critical Reviews on Implications and Impacts of Computational Intelligence for Disaster Management
- o Ad-Hoc (Social) Networking Analysis, Business Intelligence, Business Continuity and Recovery
- o Critical Infrastructure Threat Detection, Monitoring, Management and Recovery
- o Security, Trust, Service Reliability, Identity Management and

Privacy o System Architectures, Resource Discovery, Retrieval, Scheduling, Allocation, Monitoring o Artificial Intelligence, Self-adaptive Ant Colony, Swarm and Evolutionary Agents o Ontology Management, Semantics, Meta-data, Mining, Clustering, Partitioning o Enabling Technologies (Social Networking, Web 2.0, Geographical Information Systems, Early Warning and Alerting Systems, Sensors, Smart Spaces, Ad-Hoc Mobile Networks, Wireless Communications, Pervasive, Situated, Context-Aware Computing, Web Services, Multi-Agents, Grids, P2P, Clouds, Crowds, Mashups, etc) o Stakeholders Structures and Dynamics, Needs Analysis, Contingency Planning, Policies, Public Awareness, Training, Resilience, Hazard Identification, Monitoring and Assessment, Urban Risks, Public Safety and Disturbance, Pandemics, Sustainable Livelihood o Languages, Components, Programs, Knowledge Portals and/or Applications o Future Concepts and Frameworks in various Disaster Management settings

Organizing Committee

Workshop Co-chairs:

Eleana Asimakopoulou, University of Bedfordshire, UK eleana.asimakopoulou at googlemail.com

Nik Bessis, University of Bedfordshire, UK nik.bessis at beds.ac.uk

Fatos Xhafa, Technical University of Catalonia, Spain fatos at lsi.upc.edu

Workshop Programme Committee Members:

Mehmet Aydin, University of Bedfordshire, UK Liz Bacon, University of Greenwich, UK Yolanda Barrientos, Universidad Pedagógica Experimental Libertador, Venezuela Tina Comes, Karlsruhe Institute of Technology, Germany Miranda Dandoulaki, National Centre for Public Administration and Local Government, Greece Mar'a J. Garc'a G., Minimax Consultores C.A., Venezuela Matina Halkia, Joint Research Centre, European Commission, Italy JosŽ G. Hernández R., Universidad Metropolitana, Venezuela Anne M. Hewitt, Seton Hall University, USA Cos Ierotheou, University of Greenwich, UK Sunitha Kuppuswamy, Anna University Chennai, India Ulrich Meissen, Fraunhofer Institute for Software and Systems Engineering (ISST), Germany Danielle Mirliss, Seton Hall University, USA Peter Norrington, University of Bedfordshire, UK Miltos Petridis, University of Greenwich, UK Odysseas Sekkas, University of Athens, Greece Susan S. Spencer, Seton Hall University, USA Stelios Sotiriadis, University of Bedfordshire, UK M. R. Mart'nez Torres, University of Seville, Spain Sergio Toral Marn, University of Seville, Spain Riad Twal, Seton Hall University, USA Ismael Vallejo Villalta, University of Seville, Spain Agn s Voisard, Fraunhofer Institute for Software and Systems Engineering (ISST), Germany Niek Wijngaards, Thales Research & Technology, Netherlands

Submission

Submitted papers must be original and not submitted for publication elsewhere. Authors are invited to submit their 4 to 6 pages long manuscripts (with up to 5 keywords) following the IEEE 8.5 two-column format. Full submission guidelines are available from: <http://incos2010.web.auth.gr/submission.html> To submit, you must follow the instructions, and select the CIDM-2010 workshop among the options. All papers will be peer reviewed by at least two or more independent referees of the CIDM-2010 Workshop programme committee and accepted on the basis of their scientific merit, originality, significance, technical soundness, and clarity of exposition.

Proceedings

The INCoS 2010 proceedings will be published by IEEE Conference Publishing Service in the form of CD-ROM with ISBN, and will be accessible on-line. All accepted submissions including CIDM workshop papers will be included in the proceedings of the conference. All accepted papers must be accompanied by a full paid registration by at least one of the authors in order to be included in the proceedings.

Important Dates

Submission Deadline: August 15, 2010
Notification of Acceptance: August 24, 2010
Final Manuscript: September 20, 2010
Author Registration: September 20, 2010
Conference Dates: November 24-26, 2010

Please do not post msgs that are not relevant to the database community at large. Go to www.cs.wisc.edu/dbworld for guidelines and posting forms.
To unsubscribe, go to <https://lists.cs.wisc.edu/mailman/listinfo/dbworld>