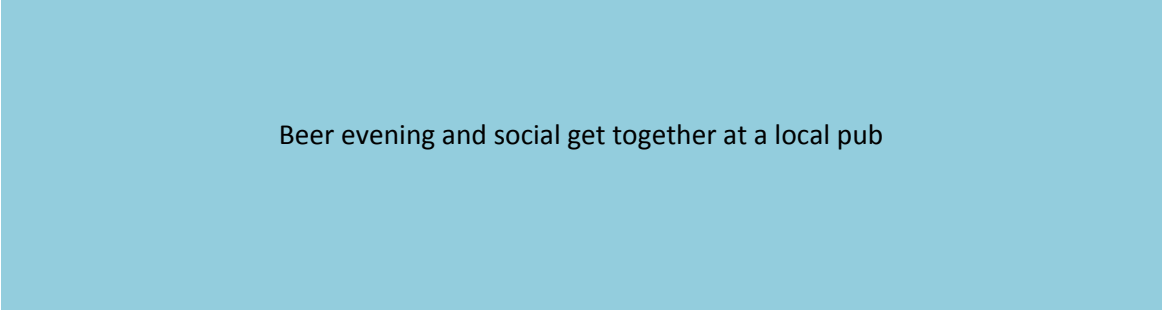
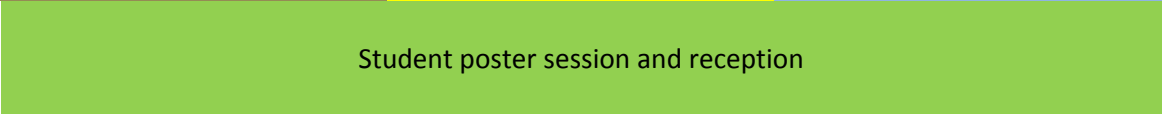
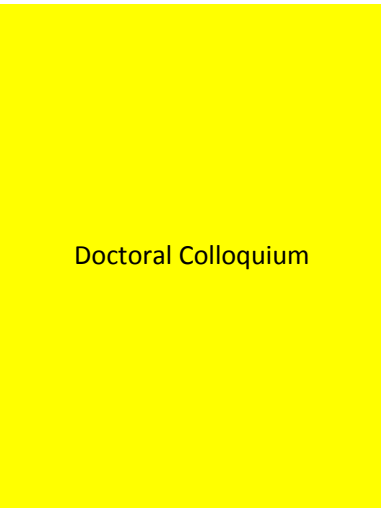


Overview of Conference Programme

	Sunday	Monday	Tuesday	Wednesday
8.00am		Registration	Registration	Registration
8.30am				
9.00am	Registration	Opening of Conference	Plenary Panel on Haiti: Chair	Plenary: Kielman or MacEachren
9.30am		Plenary: Kielman or MacEachren	George Fenton	
10.00am	Doctoral Colloquium and SAHANA sessions	Coffee & Tea	Coffee & Tea	Coffee & Tea
10.30am			Parallel sessions including	
11.00am			ISCRAM Haiti Panel	Parallel Sessions (3 papers)
11.30am		Parallel Sessions (3 papers)		
12.00pm			Lunch	Lunch
12.30pm		Lunch		Lunch Speaker
1.00pm		Lunch Speaker	Poster and Demos Session	
1.30pm				Parallel Sessions (3 papers)
2.00pm			Parallel Sessions (3 papers)	Parallel Sessions including a panel on PSICOE. Demos and Posters continue
2.30pm				
3.00pm			Coffee & Tea	Closing of Conference
3.30pm		Coffee & Tea		Coffee & Tea.
4.00pm			Parallel Sessions (3 papers)	Departure
4.30pm	Student poster session and reception	Parallel Sessions (4 papers)		
5.00pm			ISCRAM General Assembly	
5.30pm				
6.00pm				
6.30pm				
7.00pm	Beer evening and social get together at a local pub	ISCRAM live matchmaking: there will be opportunities to form groups with a view to discussing specific topics, issues and interests over dinner		
7.30pm				
8.00pm				
8.30pm			Conference Dinner including awards and guest speaker, Coast Guard Capt. Suzanne Englebert	
9.00pm				
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10.30pm				

Sunday

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Monday

8.00am	Registration				
8.30am	Registration				
9.00am	Opening of Conference				
9.30am	Plenary: AlanMacEachren - Geovisual Analytics for Crisis Management: Moving Beyond GIS				
10.00am	Coffee & Tea				
10.30am	Parallel Sessions (3 papers)				
11.00am	Parallel Sessions (3 papers)				
11.30am	Collaboration and Social Networking	Planning, Foresight and Risk Analysis	Geo-Inforamtion Support	Open Track	Human-Computer Interaction
12.00pm	Collaboration and Social Networking				
12.30pm	Lunch				
1.00pm	Lunch				
1.30pm	Lunch Speaker				
2.00pm	Parallel Sessions (3 papers)				
2.30pm	Technology and tools	SASER	Virtual States	Humanitarian Challenges	Intelligent Systems
3.00pm	Technology and tools				
3.30pm	Coffee & Tea				
4.00pm	Parallel Sessions (4 papers)				
4.30pm	Parallel Sessions (4 papers)				
5.00pm	Collaboration and Social Networking	Planning, Foresight and Risk Analysis	Standardisation and Ontologies	Research Methods	Assessing Crisis Management Operations and Exercises
5.30pm	Collaboration and Social Networking				
6.00pm	<p style="text-align: center;">ISCRAM live matchmaking: there will be opportunities to form groups with a view to discussing specific topics, issues and interests over dinner</p>				
6.30pm					
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Tuesday

8.00am	Registration				
8.30am	Registration				
9.00am	An NGO-led Plenary on Haiti: Chair George Fenton				
9.30am	An NGO-led Plenary on Haiti: Chair George Fenton				
10.00am	Coffee & Tea				
10.30am	Parallel sessions including ISCRAM Haiti Panel				
11.00am	ISCRAM Haiti Panel	Open Track	Human-Computer Interaction	Technologies and Tools	
11.30am	ISCRAM Haiti Panel	Open Track	Human-Computer Interaction	Technologies and Tools	
12.00pm	Lunch				
12.30pm	Lunch				
1.00pm	Poster and Demos Session				
1.30pm	Session on Puget Sound Regional	Poster and Demos Session			
2.00pm	Initiatives towards a Common	Parallel Sessions			
2.30pm	Operating Environment	Trust and Information Credibility	C2 Systems	Humanitarian Challenges	Open Track
3.00pm	Coffee & Tea				
3.30pm	Parallel Sessions (3 papers)				
4.00pm	Parallel Sessions (3 papers)				
4.30pm	Collaboration and Social Networking	Planning, Foresight and Risk Analysis	Requirements Engineering	Humanitarian Challenges	Geo-Information Support
5.00pm	ISCRAM General Assembly				
5.30pm	ISCRAM General Assembly				
6.00pm	ISCRAM General Assembly				
6.30pm	ISCRAM General Assembly				
7.00pm	ISCRAM General Assembly				
7.30pm	ISCRAM General Assembly				
8.00pm	ISCRAM General Assembly				
8.30pm	ISCRAM General Assembly				
9.00pm	Conference Dinner including awards and guest speaker, Coast Guard Capt. Suzanne Englebert				
9.30pm	Conference Dinner including awards and guest speaker, Coast Guard Capt. Suzanne Englebert				
10.00pm	Conference Dinner including awards and guest speaker, Coast Guard Capt. Suzanne Englebert				
10.30pm	Conference Dinner including awards and guest speaker, Coast Guard Capt. Suzanne Englebert				

Wednesday

8.00am	Registration			
8.30am	Registration			
9.00am	Plenary: Kielman - Next Generation Precision Information Environments for Crisis Management Decision-Making			
9.30am	Plenary: Kielman - Next Generation Precision Information Environments for Crisis Management Decision-Making			
10.00am	Coffee & Tea			
10.30am	Parallel Sessions (3 papers)			
11.00am	Collaboration and Social Networking	Open Track	Geo-Information Support	Human-Computer Interaction
11.30am	Collaboration and Social Networking	Open Track	Geo-Information Support	Human-Computer Interaction
12.00pm	Lunch			
12.30pm	Lunch			
1.00pm	Lunch Speaker			
1.30pm	Parallel Sessions (3 papers)			
2.00pm	Open Track	Planning, Foresight and Risk Analysis	Requirements Engineering	Intelligent Systems
2.30pm	Open Track	Planning, Foresight and Risk Analysis	Requirements Engineering	Intelligent Systems
3.00pm	Closing of Conference			
3.30pm	Coffee & Tea.			
4.00pm	Departure			
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ISCRAM 2010 Doctoral Colloquium Schedule

Sunday, 2 May 2010

<i>When</i>	<i>What</i>	<i>Who</i>
10.00 – 10.05	Welcome and overview	Julie Dugdale, David Mendonça
10.05 – 10.30	Self introduction	PhD students Brief 2 minute 'Elevator Pitch' introduction (see: http://en.wikipedia.org/wiki/Elevator_pitch) Please include: - Name, department, school, research lab and/or advisor - 1-2 sentences about your dissertation research, (establish the need first, brief information on basic method to be used, etc.) - No slides please.
10.30 – 11.30	'Publish or Perish: Titles, Abstracts, and Introductions for journal articles'	Starr Roxanne Hiltz
11.30 – 11.40	[Coffee Break]	
11.40 – 12.40	Opportunities and issues in conducting global research	Tung Bui
12.40 – 1.40	[Lunch]	
1.40 – 2:30	Project proposal writing	David Mendonça,
2.30 – 4.00	Proposal writing: Mini-workshop	Students
3.30 – 3.45	[Working coffee Break]	
3.45 – 4.00	Presentation and feedback on proposals	All
4.00 – 4.30	Open discussion and wrap-up	All
4.30	ADJOURN to Poster Session	All

Programme

Contributed papers

Monday

Plenary Session: 9.00 – 10.30

Opening of ISCRAM2010

Plenary Presentation

Alan M. MacEachren, (GeoVISTA Center, Penn State, USA)
Geovisual Analytics for Crisis Management: Moving Beyond GIS

Session: 11:00 - 12:30

Track: Collaboration and Social Networking

Andrea Kavanaugh (Virginia Tech, USA), Steven D. Sheetz (Virginia Tech, USA), Franci Quek (Virginia Tech, USA), B. Joon Kim (Virginia Tech, USA)
Cell Phone Use with Social Ties during Crises: The Case of the Virginia Tech Tragedy

Mark Latonero (California State University, Fullerton, USA), Irina Shklovski (IT University of Copenhagen)
“Respectfully Yours in Safety and Service”: Emergency Management & Social Media Evangelism

Sophia Liu (University of Colorado at Boulder, USA)
The Rise of Curated Crisis Content

Track: Planning, Foresight and/or Risk Analysis

Victor Amadeo Bañuls Silvera (Universidad Pablo de Olavide), Murray Turoff (New Jersey Institute of Technology), Joaquin Lopez Silva (Universidad Pablo de Olavide)
Clustering Scenarios using Cross-Impact Analysis

Arthur Henry Hendela (New Jersey Institute of Technology, USA), Murray Turoff (New Jersey Institute of Technology, USA), Roxanne Hiltz (New Jersey Institute of Technology, USA)
Cross Impact Security Analysis using the HACKING Game

Eli Rohn (Cognimax LLC)
Unified Emergency Scale: Work in Progress

Track: Geo-Information Support

Thomas Eduard Bernoulli (Graz University of Technology, Austria), Gerald Glanzer (Graz University of Technology, Austria), Thomas Wiessflecker (Graz University of Technology, Austria), Ulrich Walder (Graz University of Technology, Austria)
Infrastructurless Indoor Positioning System for First Responders

Benjamin Schooley (Claremont Graduate University, USA), Brian Hilton (Claremont Graduate University, USA), Yoonmi Lee (Claremont Graduate University, USA), Samuel-Ojo Olusola (Claremont Graduate University, USA), Rondalynne McClintock (Claremont Graduate University, USA), Thomas Horan (Claremont Graduate University, USA)
CrashHelp: A GIS Tool for Managing Emergency Medical Responses to Motor Vehicle Crashes

Tim A. Majchrzak (University of Muenster, Germany), Philipp Neuhaus (University of Muenster, Germany), Oliver Noack (University of Muenster, Germany), Frank Ückert (University of Muenster, Germany), Herbert Kuchen (University of Muenster, Germany)
Towards a Decision Support System for the Allocation of Traumatized Patients

Track: Open Track

Marcus Vogt (Bond University, Australia), Kieth Hales (Bond University, Australia), Dieter Hertweck (Hochschule Heilbronn, Germany), Gavin Finnie (Bond University, Australia)
Strategic ICT Alignment in Emergency Management

Nicolas Martín di Tada (Thomson Reuters Foundation, InSTEDD), Timothy Large (Thomson Reuters Foundation, InSTEDD)
Emergency Information System

Christopher W. Zobel (Virginia Polytechnic Institute and State University, USA)
Comparative Visualization of Predicted Disaster Resilience

Track: Human-Computer Interaction

Mohammadreza Khalilbeigi (Darmstadt University of Technology, Germany), Dirk Bradler (Darmstadt University of Technology, Germany), Immanuel Schweizer (Darmstadt University of Technology, Germany), Florian Probst (SAP Research CEC Darmstadt), Jürgen Steimle (Darmstadt University of Technology, Germany)
Towards Computer Support of Paper Workflows in Emergency Management

Alexandra Krakovsky (USA)
The Role of Social Networks in Crisis Situations: Public Participation and Information Exchange

Soussan Djamasbi (Worcester Polytechnic Institute, USA), Eleanor Loiacono (Worcester Polytechnic Institute, USA), Yitzhak Mendelson (Worcester Polytechnic Institute, USA)
Affect Feedback during Crisis and its Role in Improving IS Utilization

Session: 14:00 - 15:30

Track: Technologies and Tools

Tuomas Peltonen (Radiation and Nuclear Safety Authority, Finland), Michael Ammann (Radiation and Nuclear Safety Authority, Finland), Juhani Lahtinen (Radiation and Nuclear Safety Authority, Finland), Kaj Vesterbacka (Radiation and Nuclear Safety Authority, Finland)
Operational experience with the Ketale Web application

John Edmonds (University of Maryland, College Park, USA), Louiqa Raschid (University of Maryland, College Park, USA), Hassan Sayyadi (University of Maryland, College Park, USA), Shanchan Wu (University of Maryland, College Park, USA)
Exploiting Social Media to Provide Humanitarian Users with Event Search and Recommendations

Christian Neuhaus (University Of Siegen, Institute for Media Research, Germany)
Using what is already there: Integrated Crisis Communication as a new approach in Crisis Management – Case Study and Suggestions

Track: Safety and Security Education (SASER)

Jozef Ristvej (University of Žilina, Slovakia), Tomas Lovecek (University of Žilina, Slovakia), Katarina Kampova (University of Žilina, Slovakia)
eSEC - Competency Based e-portal of Security and Safety Engineering

Robert Brigantic (Pacific Northwest National Laboratory, USA), David Ebert (Purdue University, USA), Courtney Corley (Pacific Northwest National Laboratory, USA), Ross Maciejewski (Purdue University, USA), George Muller (Pacific Northwest National Laboratory, USA), Aimee Taylor (Pacific Northwest National Laboratory, USA)
Development of a Quick Look Pandemic Influenza Modeling and Visualization Tool

Telmo Zarranonandia (Universidad Carlos III de Madrid, Spain), Mario Rafael Ruiz Vargas (Universidad Carlos III de Madrid, Spain), Paloma Díaz (Universidad Carlos III de Madrid, Spain), Ignacio Aedo (Universidad Carlos III de Madrid, Spain)
A game model for supporting children learning about emergency situations

Track: Virtual States

Joel Aud (Texas Department of Public Safety, USA)
TxMAP via LICNOT

Mark Prutsalis (The Sahana Foundation), David Bitner (The Sahana Foundation), Praneeth Bodduluri (The Sahana Foundation), Fran Boon (The Sahana Foundation), Chamindra de Silva (The Sahana Foundation), Dominic Konig (The Sahana Foundation), Tim McNamara (The Sahana Foundation), Gavin Treadgold (The Sahana Foundation)
The Sahana Software Foundation response to the 2010 Haiti Earthquake.

Track: Humanitarian Challenges

Jörn Franke (Public Security, SAP Research Center (SRC) Sophia Antipolis, France), Francois Charoy (LORIA-INRIA, Nancy-Université, France), Cedric Ulmer (Public Security, SAP Research Center (SRC) Sophia Antipolis, France)
A Model for Temporal Coordination of Disaster Response Activities

Carleen Maitland (Penn State University, USA), Andrea Tapia (Penn State University, USA), Louis-Marie Tchouakeu (Penn State University, USA), Kang Zhao (Penn State University, USA), Edgar Maldonado (Penn State University, USA)
Sectoral coordination in humanitarian information management: The implications of professionalization

Louis-Marie Ngamassi Tchouakeu (College of Information Sciences & Technology, Penn State, USA), Carleen Maitland (College of Information Sciences & Technology, Penn State, USA), Andrea Tapia (College of Information Sciences & Technology, Penn State, USA), Kang Zhao (College of Information Sciences & Technology, Penn State, USA), Kartikeya Bajpai (College of Information Sciences & Technology, Penn State, USA)
Assessing Humanitarian Inter-Organizational Network Effectiveness: The Case of GlobalSympoNet

Track: Intelligent Systems

Alexander Smirnov (SPIIRAS, Russian Federation), Tatiana Levashova (SPIIRAS, Russian Federation), Nikolay Shilov (SPIIRAS, Russian Federation)
Ubiquitous Computing in Emergency: Profile-Based Situation Response

Erick, Nelson, Otieno Oduor (Chalmers Institute of Technology, Goteborg, Sweden.), Nihal, Keerthi, Rathnasing Siriwardanagea (IT University, Goteborg, Sweden.)
Concept for Intelligent Integrated System for Crisis Management

Gerhard Wickler (University of Edinburgh, UK), Stephen Potter (University of Edinburgh, UK)
Standard Operating Procedures: Collaborative Development and Distributed Use

Session: 16:00 - 18:00

Track: Collaboration and Social Networking

Jeannette Sutton (University of Colorado at Boulder, USA)
Twittering Tennessee: Distributed Networks and Collaboration Following a Technological Disaster

Kate Starbird (University of Colorado, USA), Leysia Palen (University of Colorado, USA)
Pass It On?: Retweeting in Mass Emergency

Kate Starbird, Jeannie Stamberger (University of Colorado, USA)
Tweak the Tweet: Leveraging Microblogging Proliferation with a Prescriptive Syntax to Support Citizen Reporting

Thomas J. Heverin (Drexel University, USA), Lisl Zach (Drexel University, USA)
Microblogging for Crisis Communication: Examination of Twitter Use in Response to a 2009 Violent Crisis in the Seattle-Tacoma, Washington Area

Track: Planning, Foresight and Risk Analysis

Elizabeth Sharon Veinott (ARA, USA), Gary Klein (ARA, USA), Sterling Wiggins (ARA, USA)
Evaluating the Effectiveness of the PreMortem Technique on Plan Confidence

Annie Searle (ASA Risk Consultants, USA)
A Seat at the Table for Operational Risk

Susanne Jul (Amaryllis Consulting, LLC, USA)
You Get What You Plan For

Robin E. Mays (Unattached, humanitarian practitioner)
A Planning Approach to Humanitarian Logistics

Track: Standardisation and Ontologies

Sukumar Dwarkanath (Touchstone Consulting Group, USA), Denis Gusty (Department of Homeland Security)
Information Sharing: A Strategic Approach

María Hernández (Carlos III University, Spain), Susana Montero (Carlos III University, Spain), David Díez (Carlos III University, Spain), Ignacio Aedo (Carlos III University, Spain), Paloma Díaz (Carlos III University, Spain)
A data transfer protocol for forest fire statistics: Achieving interoperability among independent agencies

Jens Pottebaum (University of Paderborn, Germany), Anna Maria Japs (University of Paderborn, Germany), Stephan Prödel (University of Paderborn, Germany), Rainer Koch (University of Paderborn, Germany)
Design and modeling of a domain ontology for fire protection

Christian Paulus (Karlsruhe Institute of Technology, Germany), Stefan Moellmann (Karlsruhe Institute of Technology, Germany), Hagen Engelmann (Karlsruhe Institute of Technology, Germany)
Approach for an integrated interoperable system architecture for disaster management systems

Track: Research Methods

Babajide Osatuyi (New Jersey Institute of Technology, Department of Information Systems, University Heights, Newark, NJ, 07102, USA), David Mendonca (New Jersey Institute of Technology, Department of Information Systems, University Heights, Newark, NJ, 07102, USA)
Requirements for Modeling Collaborative Information Foraging Behavior: An Application to Emergency Response Organizations

Rianne Gouman (Thales Research & Technology NL, The Netherlands), Masja Kempen (Thales Research & Technology NL, The Netherlands), Niek Wijngaards (Thales Research & Technology NL, The Netherlands)
Actor-Agent Team Experimentation

Jonas Landgren (University of Gothenburg, Sweden)
Principles of Radical Research in the area of Information Systems for Crisis Response

Nitesh Bharosa (Delft University of Technology, The Netherlands), Marijn Janssen (Delft University of Technology, The Netherlands), Harry Bouwman (Delft University of Technology, The Netherlands)
Ex-ante evaluation of disaster information systems: a gaming-simulation approach framework

Special Session: Assessing Crisis Management Operations and Exercises

Bruce Donald Campbell (University of Washington, USA), Konrad E. Schroder (University of Washington, USA), Chris E. Weaver (University of Oklahoma, USA)
RimSim Visualization: An Interactive Tool for Post-event Sense Making of a First Response Effort

Kip Smith (Naval Postgraduate School, USA), Ida Lindgren (Linköpings Universitet, Sweden)
Predicting Group Faultlines in Multinational Crisis Response Teams

Peter Berggren (FOI, Swedish Defence Research Agency, Sweden), Björn Johansson (FOI,
Swedish Defence Research Agency, Sweden)
Developing an instrument for measuring shared understanding

Fredrik Höglund (Linköping University, Sweden), Peter Berggren (Swedish Defence Research
Agency, FOI)
Using Shared Priorities to Measure Shared Situation Awareness

Tuesday

Plenary Session: 9:00 – 10:00

Plenary Panel

Chair: George Fenton (Humanitarian & Emergency Affairs, World Vision International)
An NGO-led Plenary on Haiti

Session: 10:30 - 12:00

Track: Open Track

Helena Mitchell (Georgia Institute of Technology, USA), Jeremy Johnson (Georgia Institute of Technology, USA), Salimah LaForce (Georgia Institute of Technology, USA)
Wireless Emergency Alerts: An Accessibility Study

Jan Martin Jansen (Netherlands Defence Academy, The Netherlands), Bas Lijnse (Netherlands Defence Academy, The Netherlands)

Radboud University Nijmegen, the Netherlands), Rinus Plasmeijer (Radboud University Nijmegen, The Netherlands)
Towards Dynamic Workflow Support for Crisis Management

Mikael Asplund (Linköping University, Sweden), Trishan de Lanerolle (Trinity College, Hartford, CT, USA), Christopher Fei (Trinity College, Hartford, CT, USA), Prasanna Gautam (Trinity College, Hartford, CT, USA), Ralph Morelli (Trinity College, Hartford, CT, USA), Simin Nadjm-Tehrani (Linköping University, Sweden), Gustav Nykvist (Linköping University, Sweden)
Wireless Ad Hoc Dissemination for Search and Rescue

Track: Human-Computer Interaction

Jose H. Canos (Technical University of Valencia, Spain), M. Carmen Penades (Technical University of Valencia, Spain), Carlos Solis (University of Limerick, Ireland), Manuel Llavador (Technical University of Valencia, Spain), Marcos R. S. Borges (Universidade Federal do rio de Janeiro, Brazil)
Using Spatial Hypertext to Visualize Composite Knowledge in Emergency Responses

Pablo Acuña (Universidad Carlos III de Madrid, Spain), Paloma Díaz (Universidad Carlos III de Madrid, Spain), Ignacio Aedo (Universidad Carlos III de Madrid, Spain)
Development of a Design Patterns Catalog for Web-based Emergency Management Systems

Erkki Kurkinen (University of Jyväskylä, Finland), Helen Sullivan (Rider University, USA), Markku Häkkinen (University of Jyväskylä, Finland), Markku Luttamus (University of Jyväskylä, Finland)
Optimizing Mobile Social Media Interfaces for Rapid Internal Communication by Emergency Services

Track: Technologies and Tools

Tiziana Catarci (SAPIENZA Università di Roma, Italy), Massimiliano de Leoni (SAPIENZA Università di Roma, Italy), Andrea Marrella (SAPIENZA Università di Roma, Italy), Massimo Mecella (SAPIENZA Università di Roma, Italy), Manfred Bortenschlager (Salzburg Research, Austria), Renate Steinmann (Salzburg Research, Austria)
The WORKPAD Project Experience: Improving the Disaster Response through Process Management and Geo Collaboration

Jian Wang (University of Illinois, USA), Tim Yardley (University of Illinois, USA), Himanshu Khurana (University of Illinois, USA), Liying Wang (University of Illinois, USA) *LENS: Location-based Emergency Notification Service*

Trishan Ralph de Lanerolle (Trinity College, USA), William Anderson (New York City Office of Emergency Management, USA), Ralph Morelli (Trinity College, USA), Eli Fox-Epstein

(Wesleyan University, USA), Sam DeFabbia-Kane (Wesleyan University, USA), Dimitar Gochev (Trinity College, USA) *Development of a virtual dashboard for event coordination between multiple groups*

Session: 12:00 - 14:00

Posters:

Christoph Michael Endres (German Research Center for Artificial Intelligence, DFKI GmbH, Germany), Andreas Wurz (Cologne Fire Department), Marcus Hoffmann (Fraunhofer Institute for Computer Graphics Research (IGD)), Alexander Behring (Darmstadt University of Technology) *A Task-based Messaging Approach To Facilitate Staff Work*

Yasir Javed (Institute of Information and Mathematical Sciences, Massey University Auckland New Zealand), Tony Norris (Institute of Information and Mathematical Sciences, Massey University Auckland New Zealand), David Johnston (Joint Centre of Disaster Research, Massey University Wellington New Zealand) *A Design Approach to an Emergency Decision Support System for Mass Evacuation*

Paul K. Kailiponi (Aston Business School, UK), Duncan Shaw (Aston Business School, UK) *Combination of Multi-Attribute Value Functions & Dasymetric Mapping for Evacuation Vulnerability*

Sebastien Tremblay (Université Laval, Canada), Daniel Lafond (Defence R&D Canada Valcartier), Jean-François Gagnon (Université Laval, Canada), Vincent Rousseau (Université de Montréal, Canada), Rego Granlund (Santa Anna IT Research Institute, Sweden) *Extending the capabilities of the C3Fire microworld as a testing platform for research in emergency response management*

Saed Imran (University College Cork, Ireland, Republic of), Ioannis Dokas (University College Cork, Republic of Ireland) *Towards Domain Specific Modeling Approach in Early Warning System*

Lauren Landrigan (Monmouth University, USA), Allen Milewski (Monmouth University, USA), Jennifer Baker (Monmouth University, USA) *Determining Credible Sources During an Emergency Situation*

David Díez (Universidad Carlos III de Madrid, Spain), Paloma Díaz (Universidad Carlos III de Madrid, Spain), Ignacio Aedo (Universidad Carlos III de Madrid, Spain) *Virtual Communities of Practice: Design Directions for Technology-mediated Collaboration in the Early Warning Activity*

Rui Chen (Ball State University, USA), Raghav Rao (State University of New York at Buffalo, USA), Raj Sharman (State University of New York at Buffalo, USA), Shambhu Upadhyaya (State University of New York at Buffalo, USA), Catherine Cook-Cottone (State University of New York at Buffalo, USA) *Examination of Emergency Response from Knowledge and Psychology Perspectives*

Jutta Hild (Fraunhofer IOSB, Germany), Jonathan Ott (Karlsruhe Institute of Technology, Germany), Yvonne Fischer (Fraunhofer IOSB, Germany), Christian Glökler (Fraunhofer IOSB, Germany) *Markov Based Decision Support for Cost-Optimal Response in Security Management*

Preben Hansen (SICS, Sweden), Bjurling Björn (SICS, Sweden) *Contracts for Information Sharing in Collaborative Networks*

Xiang Yao (Los Alamos National Laboratories, New Mexico, USA), Linn Marks Collins (Los Alamos National Laboratories, New Mexico, USA), Jorge Roman (Los Alamos National Laboratories, New Mexico, USA), James Powell (Los Alamos National Laboratories, New Mexico, USA), Mark Martinez (Los Alamos National Laboratories, New Mexico, USA), Nan Zou (Los Alamos National Laboratories, New Mexico, USA) *Exploring an Innovative Solution to Build Collections of Emergency Plans*

Cynthia Marie Nikolai (University of Notre Dame, USA), Troy Johnson (Miami-Dade Emergency Operations Center), Gregory Madey (University of Notre Dame, USA)
Leveraging WebEOC in Support of the Haitian Relief Effort: Insights and Lessons Learned

Michael Ammann (Radiation and Nuclear Safety Authority, Finland), Tuomas Peltonen (Radiation and Nuclear Safety Authority, Finland), Juhani Lahtinen (Radiation and Nuclear Safety Authority, Finland), Kaj Vesterbacka (Radiation and Nuclear Safety Authority, Finland), Tuula Summanen (Finnish Meteorological Institute, Finland), Markku Seppänen (Finnish Meteorological Institute, Finland), Pilvi Siljamo (Finnish Meteorological Institute, Finland), Annakaisa Sarkanen (Finnish Meteorological Institute, Finland), Minna Rantamäki (Finnish Meteorological Institute, Finland)
KETALE Web application to improve collaborative emergency management

Session: 13:30 - 15:00

Session: Puget Sound Regional Initiatives towards a Common Operating Environment

Chair: Mark Haselkorn (University of Washington, USA)

Alena Benson (University of Washington, USA), Mark Haselkorn (University of Washington, USA)

Adaptive Development of a Common Operating Environment for Crisis Response and Management

Daniel Dailey (University of Washington, USA)
Demonstration

LCDR Martin Smith (US Coast Guard)
Practitioner Perspective

Chief Sharon Barnes (US Customs and Border Protection)
Practitioner Perspective

Session: 14:00 - 15:00

Special Session: Information Credibility, Trust, Privacy and Security in Information Systems for Emergency Management

Thomas Foulquier (Université de Sherbrooke, Canada - Geobusiness Group), Claude Caron (Université de Sherbrooke, Canada- Geobusiness Group)
Towards a formalization of interorganizational trust networks for crisis management

Matt Wolff (University of Hawaii, USA)
Unsupervised Methods for Detecting a Malicious Insider

Special Session: Studies of Command and Control Systems

Naill Momani (King Abdul Aziz University), Mohamad H. Alzaghal (NCSCM, Jordan)
Early Warning Systems for Disasters in Jordan

Tim Grant (Netherlands Defence Academy, The Netherlands)
Modelling the Information Sharing Process in Military Coalitions: A work in progress

Track: Humanitarian Challenges

Gisli Rafn Olafsson (Microsoft Corporation, USA)
Effective Coordination of Disaster Response - The International Perspective

Soumia Ichoua (Johnson C. Smith University, USA)
Humanitarian Logistics Network Design for an Effective Disaster Response

Track: Open Track

Gary Fetter (Virginia Tech, USA), Mauro Falasca (Loyola University Maryland, USA),
Christopher M. Zobel (Virginia Tech, USA), Terry R. Rakes (Virginia Tech, USA)
A multi-stage decision model for debris disposal operations

Heiko Roßnagel (Fraunhofer Institute for Industrial Engineering, Germany), Olaf Junker (Airport
Research Center GmbH)
Evaluation of a Mobile Emergency Management System – A Simulation Approach

Session: 15:30 - 17:00

Track: Collaboration and Social Networking

Bryan Semaan (University of California, Irvine, USA), Gloria Mark (University of California,
Irvine, USA), Ban Al-Ani (University of California, Irvine, USA)
*Developing Information Technologies for Citizens Experiencing Disruption: The Role of Trust and
Context*

Lida Khalili (London School of Economics, UK)
Social media and Iran's post-election crisis

Fernando Silveira (UPMC Paris Universit s), Nina Taft (Intel Labs Berkeley), Gianluca
Iannaccone (Intel Labs Berkeley), Jayanthkumar Kannan (University of California at Berkeley,
USA), Kevin Fall (Intel Labs Berkeley)
A Disruption-Tolerant Architecture for Secure and Efficient Disaster Response Communications

Track: Planning, Foresight and Risk Analysis

Jennifer J. Mathieu (The MITRE Corporation, USA), Mark Pfaff (Indiana University - Purdue
University, USA), Gary L. Klein (The MITRE Corporation, USA), Jill L. Drury (The MITRE
Corporation, USA), Michael Goedecke (RTI International, USA), John H. James (The MITRE
Corporation, USA), Paula J. Mahoney (The MITRE Corporation, USA), Georgiy Bobashev (RTI
International, USA)
*Tactical Robust Decision-Making Methodology: Effect of Disease Spread Model Fidelity on
Option Awareness*

Geoffrey Hoare (Florida Department of Health, USA), Mary Russell (Florida Department of
Health, USA), Richard France (Florida Department of Health, USA), Aaron Kite-Powell (Florida
Department of Health, USA)
Developing H1N1 Hospital Surge "Dashboard" Indicators

Nitesh Bharosa (Delft University of Technology, The Netherlands), Marijn Janssen (Delft
University of Technology, The Netherlands), Sebastiaan Meijer (Delft University of Technology,
The Netherlands), Fritjof Brave (Berenschot)
Are we prepared? Experiences from developing dashboards for disaster preparation

Special Session: Response Information Systems Requirement Engineering and Evaluation

Therese Friberg (University of Paderborn, Germany), Benedikt Birkhaeuser (University of
Paderborn, Germany), Jens Pottebaum (University of Paderborn, Germany), Rainer Koch
(University of Paderborn, Germany)
Using Scenarios for the Identification of Real-World Events in an Event-Based System

Rui Chen (Ball State University, USA), Thirumurugan Thiyagarajan (State University of New
York at Buffalo, USA), Raghav Rao (State University of New York at Buffalo, USA), Jinkyu Lee
(Oklahoma State University, USA)
Design of a FOSS System for Flood Disaster Management

Gonalo de Jesus (Laborat rio Nacional de Engenharia Civil, Portugal)
Development of a Dam-break Flood Emergency Information System

Track: Humanitarian Challenges

Dennis King (US Department of State, USA)
Humanitarian Data Standards and Information Management Principles

Terence David Gibson (Global Network for Disaster Reduction, UK)
It's not just the data: participatory monitoring and the most significant change

Willem Muhren (Tilburg University, The Netherlands), Damir Durbic (Tilburg University, The Netherlands), Bartel Van de Walle (Tilburg University, The Netherlands)
Exploring Decision-Relevant Information Pooling by Humanitarian Disaster Response Teams

Track: Geo-Information Support

Shubham Gupta (Information Sciences Institute, USA), Craig Knoblock (Information Sciences Institute, USA)
Building Geospatial Mashups to Visualize Information for Crisis Management

Anthony C. Robinson (The Pennsylvania State University, USA), Robert E. Roth (The Pennsylvania State University, USA), Alan M. MacEachren (The Pennsylvania State University, USA)
Challenges for Map Symbol Standardization in Crisis Management

Martin Frassl (German Aerospace Center (DLR), Germany), Michael Lichtenstern (German Aerospace Center (DLR), Germany), Mohammed Khider (German Aerospace Center (DLR), Germany), Michael Angermann (German Aerospace Center (DLR), Germany)
Developing a System for Information Management in Disaster Relief - Methodology and Requirements

Wednesday

Plenary Session: 9:00 – 10:00

Plenary Presentation

Joe Kielman, (GeoVISTA Center, Penn State, USA)
Geovisual Analytics for Crisis Management: Moving Beyond GIS

Session: 10:30 - 12:00

Track: Collaboration and Social Networking

Andrea Bellucci (Universidad Carlos III de Madrid, Spain), Alessio Malizia (Universidad Carlos III de Madrid, Spain), Paloma Diaz Perez (Universidad Carlos III de Madrid, Spain), Ignacio Aedo Cuevas (Universidad Carlos III de Madrid, Spain)
Framing the design space for novel crisis-related mashups: the eStoryS example

Xiang Yao (New Jersey Institute of Technology, USA), Murray Turoff (New Jersey Institute of Technology, USA), Roxanne Hiltz (New Jersey Institute of Technology, USA)
A Field Trial of a Collaborative Online Scenario Creation System for Emergency Management

Miao Jiang (The Pennsylvania State University, USA), William L. McGill (The Pennsylvania State University, USA)
Human-Centered Sensing for Crisis Response and Management Analysis Campaigns

Track: Open Track

Babajide Osatuyi (New Jersey Institute of Technology, Department of Information Systems, University Heights, Newark, NJ, USA), Michael Chumer (New Jersey Institute of Technology, Department of Information Systems, University Heights, Newark, NJ, USA)
An Empirical Investigation of Alert Notifications: A Temporal Analysis Approach

Naveen Ashish (UC Irvine, USA), Sharad Mehrotra (UC Irvine, USA)
Community Driven Data Integration for Emergency Response

Wendy Edwards (Health Sciences Group, National Center for Supercomputing Applications, University of Illinois), Awais Vaid (Champaign-Urbana Public Health District), Ian Brooks (Health Sciences Group, National Center for Supercomputing Applications, University of Illinois)
INDICATOR: An Open-Source Cyberenvironment for Biosurveillance

Track: Geo-Information Support

Jose Maria Nadal Serrano (Ayto. Madrid, Spain)
Towards very simple, yet effective on-the-go incident response preplanning: using publicly-available GIS to improve firefighters' traditional approach

Suradej Intagorn (USC Information Sciences Institute, USA), Anon Plangprasopchok (USC Information Sciences Institute, USA), Kristina Lerman (USC Information Sciences Institute, USA)
Harvesting Geospatial Knowledge from Social Metadata

Rego Granlund (Linköping University, Sweden), Helena Granlund (Linköping University, Sweden), Nils Dahlbäck (Linköping University, Sweden), Björn Johansson (Swedish Defence Research Agency)
The Effect of a Geographical Information System on Communication in Professional Emergency Response Organizations

Track: Human-Computer Interaction

Teresa Onorati (Universidad Carlos III de Madrid, Spain), Alessio Malizia (Universidad Carlos III de Madrid, Spain), Paloma Diaz (Universidad Carlos III de Madrid, Spain), Ignacio Aedo

(Universidad Carlos III de Madrid, Spain)
Interaction Design for Web Emergency Management Information Systems

Elly Searle (University of Washington Seattle, USA)
What is the Best Possible Design for All My Users?: A Single Question to Guide User-Centered Design in Low-Resource Environments

Gitte Lindgaard (Carleton University, Canada), Devjani Sen (Carleton University, Canada), Cathy Dudek (Carleton University, Canada), Bruce Tsuji (Carleton University, Canada), Patrick Noonan (Carleton University, Canada), Milica Stojmenovic (Carleton University, Canada), Sonny Lundahl (Amita Corporation, Canada), Donn MacMillan (Amita Corporation, Canada), Peter Seguin (Amita Corporation, Canada)
Deriving user requirements for a CBRNE support system

Session: 13:30 - 15:00

Track: Open Track

Albert Y. Chen (University of Illinois, USA), Feniosky A. Peña-Mora (Columbia University in the City of New York), Saumil J. Mehta (University of Illinois, USA), Albert P. Plans (Universitat de Politècnica de Catalunya), Brian R. Brauer (Illinois Fire Service Institute), Stuart Foltz (Construction Engineering Research Lab), Scott Nacheman (Thornton Tomasetti)
A GIS Approach to Equipment Allocation for Structural Stabilization and Civilian Rescue

Matthew Guardascione (Monmouth University, USA), Allen E. Milewski (Monmouth University, USA)
Feedback Mechanisms in Automated Emergency Management Training

Kees Boersma (VU University Amsterdam, The Netherlands), Pieter Wagenaar (VU University Amsterdam, The Netherlands), Jeroen Wolbers (VU University Amsterdam, The Netherlands)
Organizing Emergent Safety Organizations: The travelling of the concept 'Netcentric Work' in the Dutch Safety sector

Track: Planning, Foresight and Risk Analysis

Robert Baksa (NJIT, USA)
The Current State of Continuous Auditing and Emergency Management's Valuable Contribution

Josune Hernantes (TECNUN - University of Navarra, Spain), Jose Manuel Torres (TECNUN - University of Navarra, Spain), Ana Lauge (TECNUN - University of Navarra, Spain), Iztok Starc (University of Ljubljana), Eva Zupancic (University of Ljubljana), Denis Treck (University of Ljubljana), Jose Maria Sarriegi (TECNUN - University of Navarra, Spain)
Using GMB Methodology on a Large Crisis Model

Bjorn Bjurling (SICS, Sweden)
Contracts for Resources in Crisis Management

Special Session: Response Information Systems Requirement Engineering and Evaluation

Anna Gryszkiewicz (Chalmers University of Technology, Sweden), Fang Chen (Chalmers University of Technology, Sweden)
Design requirements for information sharing in a crisis management command and control centre

Beibei Hu (Delft University of Technology, Netherlands), Jan Hidders (Delft University of Technology, Netherlands), Philipp Cimiano (Universität Bielefeld, Germany)
Towards Context-based Information Delivery to Police Officers: A Questionnaire-based Requirements Elicitation Study

Connie Marie White (Jacksonville State University, USA), Murray Turoff (Jacksonville State University, USA), Starr Roxanne Hiltz (Jacksonville State University, USA)
A Real Time Online Delphi Decision System, Version 2.0: Crisis Management Support during Extreme Events

Track: Intelligent Systems

Tina Comes (Institute for Industrial Production, Karlsruhe Institute of Technology, Germany), Claudine Conrado (D-CIS Lab/Thales Research & Technology, The Netherlands), Michael Hiete (Institute for Industrial Production, Karlsruhe Institute of Technology, Germany), Michiel Kamermans (D-CIS Lab/Thales Research & Technology, The Netherlands), Gregor Pavlin (D-CIS Lab/Thales Research & Technology, The Netherlands), Wijngaards Niek (D-CIS Lab/Thales Research & Technology, The Netherlands)

An intelligent decision support system for decision making under uncertainty in distributed reasoning frameworks

Huizhang Shen (Department of Management Information Systems, Shanghai Jiao Tong University, China), Jidi Zhao (Department of Management Information Systems, Shanghai Jiao Tong University, China)

Decision-making Support Based on the Combination of CBR and Logic Reasoning