

Day 1 – Monday, 11.12.17

Time	Name	Topic
08:00	Registration	
09:00	Prof. Bernd Hellingrath	Opening Ceremony
09:15	Prof. Jörg Becker	Welcome from ERCIS
09:20	Prof. Mark Haselkorn	Keynote: Mission-based Design of ICT
10:15	Coffee break	
Innovative ICT's in Disaster Management (1)		
10:30	Ali Benssam, Nadia Nouali-Taboudjemat and Omar Nouali	A middleware platform for decision support in disaster management
11:00	Vasilis Kontogiannis, Dimitris Manousos, Ioannis Karatzanis, Panagiotis Argyropaidas and Angelina Kouroubali	Innovative Technologies to Support Appropriate Accommodation in Emergency Shelters
11:30	Ying Lu, Stuart Dillon, Karyn Rastrick and Gottfried Vossen	Assessing the Perceived Value of Cloud-based Technologies in Natural Disasters: The Case of New Zealand Emergency Management
12:00	Lunch	
IS Design in Disaster Management		
13:00	Gino S. Coletti P., Robin E. Mays and Adam Widera	Bringing Technology and Humanitarian Values Together: A Framework to Design and Assess Humanitarian Information Systems
13:30	Bas Lijnse	Towards Emergency Software Development with iTasks

14:00	Djilali Idoughi, Karima Ait Abdelouhab and Christophe Kolski	Towards a Microservices development approach for the Crisis Management field in Developing countries
14:20	Coffee break	
Social Media in Disaster Management (1)		
14:30	Robert Ogie and Hugh Forehead	Georeferenced Social Media Data for Flood Mapping: The PetaJakarta.org Case Study
15:00	Matthias Habdank, Nikolai Rodehuts Kors and Rainer Koch	Relevancy Assessment of Tweets using Supervised Learning Techniques
15:30	Laura Petersen, Laure Fallou, Paul Reilly and Elisa Serafinelli	Should CI operators use social media to communicate with the public during crisis situations? Lessons learned from Oslo Harbour
16:00	Break	
Innovative ICT's in Disaster Management (2)		
16:30	Jesús Mendoza, Ramon Ferrús and Oriol Sallent	SDN-based Traffic Engineering for Improved Resilience in Integrated Satellite-Terrestrial Backhaul Networks
17:00	Benfilali Mostefa and Gafour Abdalkader	A Survey of Wireless sensor network Security in the context of Internet of Things
17:30	End	
19:30	Welcome reception by the councillor and former mayor at the "Hall of Peace"	

Day 2 – Tuesday, 12.12.17

Time	Name	Topic
08:30		Registration
09:00		Welcome
09:05	Rob Peters PhD	Key note: Semantics supporting proportionality in crisis management
10:00		Coffee Break and Practitioner Roundtour (1)
Situation Awareness (1)		
10:30	Laurent Dubost, Frédérique Giroud and Jean-Michel Boisson	Experimenting a Common Operational Picture in a simulated environment
11:00	Konstanze Lechner and Monika Gähler	Next generation Earth Observation based Crisis Information
11:30		Practitioner Roundtour (2)
12:00		Lunch
Innovative ICT's in Disaster Management (3)		
13:00	Felipe Garay, Erika Rosas and Nicolas Hidalgo	When a Tsunami Strikes: A Mobility Model for Coastline Cities
13:30	Julius Bañgate, Julie Dugdale, Elise Beck and Carole Adam	SOLACE a multi-agent model of human behaviour driven by social attachment during seismic crisis
14:00	Abdelouahab Laachemi and Dalila Boughaci	Web services classification for disaster management and risk reduction
14:20		Coffee break
Disaster Relief Logistics (1)		
14:30	Sandra Lechtenberg, Adam Widera and Bernd Hellgrath	Research Directions on Decision Support in Disaster Relief Logistics

15:00	Sadeeb Ottenburger and Shan Bai	Simulation based Strategic Decision Making in humanitarian Supply Chain Management
15:30	Lance Gabriel Putong and Marlene De Leon	The Integration of a Modified Balcik Last Mile Distribution Model using Open Road Networks into a Relief Operations Management Information System
16:00	Break	
Disaster Relief Logistics (2)		
16:30	Bhupesh Kumar Mishra, Keshav Dahal and Zeeshan Pervez	Dual-mode round-robin greedy search with fair factor algorithm for relief logistics scheduling
17:00	Celimuge Wu, Tsutomu Yoshinaga and Yusheng Ji	A Learning-based Probabilistic Routing Protocol for Vehicular Delay Tolerant Networks
17:20	End	
19:30	Conference Dinner at the A2	

Day 3 – Wednesday, 13.12.17

Time	Name	Topic
08:30	Registration	
09:00	Welcome	
09:05	Abdeslem Boukhtouta Ph.D.	Key note: Logistics Decision Support tools and Innovative technologies for Military Disaster Relief Operations
10:00	Coffee Break	
Disaster Relief Logistics (3)		
10:30	Adam Widera, Christian Konradt, Carsten Böhle and Bernd Hellingrath	A Multi-method Simulation Environment for Humanitarian Supply Chains
11:00	Prasangsha Ganguly and Sudip Roy	Post-Disaster Relief by Vehicle Route Planning and Service Time Estimation in Case of Chennai Floods
11:30	Mitrovic Minic Mitrovic Minic, Michel Gendreau, Jean-Yves Potvin, Jean Berger and Abdeslem Boukhtouta	Military Three-Echelon Disaster Relief Supply Chain Management
12:00	Lunch	
Innovative ICT's in Disaster Management (4)		
13:00	Lei Zhong, Kiyoshi Takano, Kunikazu Yoda, Yusheng Ji and Shigeki Yamada	Spatio-Temporal Estimation of Mobile-Phone Call Demand in The Kumamoto Earthquake
13:30	Kabou Abdelbaset, Nadia Nouali-Taboudjemat and Omar Nouali	Toward a new Backpressure-based framework to Enhance Situational Awareness in Disaster Response.
14:00	Abdussalam Salama, Reza Saatchi and Derek Burke	Quality of Service Evaluation and Assessment Methods in Wireless Networks
14:20	Coffee break	

Situation Awareness and Social Media in Disaster Management (2)

14:30	Georg Neubauer, Alexander Preinerstorfer, Gerald Lichtenegger, Heinrich Humer, Harold Linke, Gerhard Zuba, Uberto Delprato, Giovanni Tusa, Snjezana Knezic, Martina Baucic, Carsten Dalaff, Gaby Gurczik, Bassem Ammar and Abubakr Magzoub	Common Information Space as Enabler for Collaboration in Disaster Management - Demonstration of the Validity of the EPISECC CIS Concept
15:00	Pouyan Fotouhi Tehrani, Stefan Pfennigschmidt, Ulrich Kriegel, Andreas Billig, Frank Fuchs-Kittowski and Ulrich Meissen	Multidimensional report analysis in urban incident management
15:30	Keisuke Utsu, Ayami Manaka, Koki Nakafuri and Osamu Uchida	Web Application Prototype for Collecting Disaster-related Information Focusing on Tweets Immediately after Retweeting News Posts
16:00	Masafumi Kosugi, Keisuke Utsu, Sachi Tajima, Makoto Tomita, Yoshitaka Kajita, Yoshiro Yamamoto and Osamu Uchida	Improvement of Twitter-based Disaster-related Information Sharing System
16:30	End	