



ISCRAM-med

Democritus University of Thrace, Xanthi, Greece
October 18-20, 2017



ISCRAM-med 2017: Programme at a Glance			
	OCTOBER 18	OCTOBER 19	OCTOBER 20
9:00		Registration	Registration
9:30		Keynote: John Thomas	Keynote: Barry O' Sullivan
10:00			
10:30		Session 2: Robotic Systems	Session 4: Serious Games/Simulations
11:00		Coffee Break	Coffee Break
11:30		Session 2	Session 4
12:00			
12:30			
13:00		LUNCH	LUNCH
13:30			
14:00	Registration	Session 3: Decision Making	Session 5: Social Networking and Big Data Analytics
14:30	Opening		
15:00	Keynote: Nikolaos Kyfonidis		
15:30		Coffee Break	Closing
16:00	Session 1: Collaboration and	Visit to the Control Center of the Fire Department	
16:30	Information Sharing		
17:00			
17:30	Coffee Break		
18:00	Visit to Seismic Experiments at the		
18:30	Laboratory of Reinforced Concrete		
19:00	and Seismic Design of Structures		
19:30	Welcome Reception and		
20:00	Poster Presentations	GALA DINNER	



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ISCRAM-med 2017: Programme in Detail

Wednesday, October 18th, 2017

Civil Engineering Department, DUTH, Auditorium 4

13:30-14:00 Registration

14:00-14:30 Opening Session

14:30-15:30 Keynote

- **Understanding the Humanitarian System**
Nikolaos Kyfonidis, Reception Coordinator/NORCAP (CCCM)
- **Presenting the Reception System in Greece**
Vaia Stamkopoulou, Ministry of Migration Policy, Reception and Identification Service.

15:30-17:00 Session 1: Collaboration and Information Sharing

Session chair: *Narjes Bellamine Ben Saoud*

- **Secure and Privacy-Preserving Information Sharing for Enhanced Resilience (F)**
Jaziar Radianti and Terje Gjøsæter
- **Towards a Framework for Cross-Sector Collaboration: Implementing a Resilience Information Portal (F)**
Mihoko Sakurai, Tim A. Majchrzak and Vasileios Latinos
- **Public Expectations of Disaster Information Provided by Critical Infrastructure Operators: Lessons Learned from Barreiro, Portugal (F)**
Laura Petersen, Laure Fallou, Paul Reilly and Elisa Serafinelli

17:00-17:30 Coffee Break

17:30-19:00 Demonstration of Seismic Experiments: Visit to the Laboratory of Reinforced Concrete and Seismic Design of Structures, Civil Engineering Department, DUTH

19:00-20:00 Welcome Reception and Poster Presentations

Thursday, October 19th, 2017
Civil Engineering Department, DUTH, Auditorium 4

8:30-9:00 Registration

9:00-10:00 Keynote

- **A Systems Approach to Engineering Information Systems**
John Thomas, MIT, USA.

10:00-10:30 Session 2: Robotic Systems

Session chair: *Ioannis Dokas*

- **Robots in Crisis Management: A Survey (F)**
Ioannis Kostavelis and Antonios Gasteratos

10:30-11:00 Coffee Break

11:00-12:30 Session 2: Robotic Systems *Cont.*

Session chair: *Ioannis Dokas*

- **ROLFER: An Innovative Proactive Platform to Reserve Swimmer's Safety (F)**
Eleftherios Lygouras, Antonios Gasteratos and Konstantinos Tarchanidis
- **An Agent-based Meta-Model for Response Organization Structures (F)**
Chahrazed Labba, Noura Ben Salah and Narjès Bellamine Ben Saoud
- **Towards Developing Dependable Systems Suitable for Crisis Management Applications (S)**
Aggeliki Zacharaki, Ioannis Kostavelis and Ioannis Dokas

12:30-13:30 Lunch

13:30-15:00 Session 3: Decision Making

Session chair: *Aggeliki Zacharaki*

- **Hybrid Soft Computing Analytics of Cardiorespiratory Morbidity and Mortality Risk due to Air Pollution (F)**
Vardis-Dimitris Anezakis, Lazaros Iliadis, Konstantinos Demertzis and Georgios Mallinis
- **Understanding Decision Support in Large-Scale Disasters: Challenges in Humanitarian Logistics Distribution (F)**
Mohammad Tafiqur Rahman, Tina Comes and Tim A. Majchrzak
- **Decision making in Disaster Management: From Crisis Modeling to Effective Support (S)**
Wissem Eljaoued and Narjès Bellamine Ben Saoud

15:00-15:30 Coffee Break

15:30-19:30 Visit to the Control Center of the Fire Department

20:00 Gala Dinner

Friday, October 20th, 2017

Civil Engineering Department, DUTH, Auditorium 4

8:30-9:00 Registration

9:00-10:00 Keynote

- **Crisis Management and Sustainable Development Through Optimisation**
Barry O'Sullivan, Insight-Centre for Data Analytics, Ireland.

10:00-10:30 Session 4: Serious Games / Simulations

Session chair: *Stephen Fortier*

- **A Crisis Management Serious Game for Responding Extreme Weather Event (F)**
Jaziar Radianti, Mattias Nielsen Tronslien, Max Emil Odd Moland, Christian A Kulmus and Kristoffer K. Thomassen

10:30-11:00 Coffee Break

11:00-12:30 Session 4: Serious Games / Simulations *Cont.*

Session chair: *Stephen Fortier*

- **A Crisis Management Serious Game for Responding Extreme Weather Event (F)**
Jaziar Radianti, Mattias Nielsen Tronslien, Max Emil Odd Moland, Christian A Kulmus and Kristoffer K. Thomassen
- **Learners' Assessment and Evaluation in Serious Games: Approaches and Techniques Review (S)**
Ibtissem Daoudi, Erwan Tranvouez, Raoudha Chebil, Bernard Espinasse and Wided Lejouad Chaari
- **Towards the Design of Respond Action in Disaster Management Using Knowledge Modeling (S)**
Claire Prudhomme, Ana Roxin, Christophe Cruz and Frank Boochs
- **Identifying Hazardous Emerging Behaviors in Search and Rescue Missions With Drones: A Proposed Methodology (S)**
Eletherios Lygouras, Ioannis Dokas, Konstantinos Andritsos, Konstantinos Tarchanidis and Antonios Gasteratos

12:30-13:30 Lunch

13:30-15:00 Session 5: Social Networking and Big Data Analytics

Session chair: *Ioannis Dokas*

- **Comparative Study of Centrality Measures on Social Networks (F)**
Nadia Ghazzali and Alexandre Ouellet
- **Exploiting Social Networking and Mobile Data for Crisis Detection and Management (F)**
Katerina Doka, Ioannis Mytilinis, Ioannis Giannakopoulos, Ioannis Konstantinou, Manolis Terrovitis, Dimitrios Tsitsigkos and Nectarios Koziris
- **A Framework to Support Tunisian Tweets Analysis for Crisis Management (S)**
Jihene Sassi, Ines Thabet and Khaled Ghedira

15:00-15:30 Closing