

Natural Sciences and Engineering Research Council of Canada (NSERC)
 Collaborative Research and Training Experience Program (CREATE)
 Advanced Disaster Emergency and Rapid Response Simulations (ADERSIM)

Annual Workshop

2016

NSERC CREATE ADERSIM

Date & Time *June 10th, 2016, 8:30AM - 5:30PM*
Location *S802, Ross Building, York University* York MAP
Contacts *Prof. Jimmy Huang, Program Director, jhuang@yorku.ca*
Dr. Xing Tan, Program Manager, xtan@yorku.ca

Time	Speaker	Topic or Note
8:30 - 9:15	-	Morning Coffee - Breakfast
9:15 - 9:30	Prof. Celia Haig-Brown, York University	Opening Remarks (Associate Vice-President Research)
9:30 - 10:00	Prof. Jimmy Huang, Prof. Ali Asgary, Prof. Jianhong Wu & Dr. Xing Tan	Program Review
10:00 - 10:25	Prof. Yang Gao (Calgary)	Real-time Situational Awareness in Support of Rapid Disaster Response
10:25 - 10:50	Sarah Irwin (Western)	Introduction to ResilSIM: A Decision Support Tool For Estimating Disaster Resilience to Hydrometeorological Events
10:50 - 11:15	Michael Xu & Prof. Kai Huang (McMaster)	Vehicle Routing with Interdiction in Post-Disaster Emergency Response
11:15 - 11:40	Chris Chan & Prof. Alex Ferworn (Ryerson)	Serious Gaming for Improvised Explosive Device Neutralization Training
11:40 - 12:10	Dr. J. Nosedal-Sanchez, Luigi Alessio, Maria Chiara, Prof. Ali Asgary & Prof. Adriano Solis (York)	Simulating and Modelling Air Canada's Operations for Business Impact Assessment / Campus Evacuation Simulation: Developing an Agent Based Campus Evacuation Simulation

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(provided onsite)

Time	Speaker	Topic or Note
1:20 - 1:50	Stephen Chan (Dapasoft Inc.)	Invited Talk (Founder & CEO)
1:50 - 2:15	Martin Dimkovski & Prof. Aijun An (York)	Building Bridges across Social and Computational Sciences: Using Big Data to Inform Humanitarian Policy
2:15 - 2:40	Dr. Xi Huo & Prof. Jianhong Wu (Ryerson & York)	Modeling Antimicrobial De-escalation in the Intensive Care Units
2:40 - 3:00	-	Coffee Break
3:00 - 3:25	Elena Aruffo & Prof. Jane Heffernan (York)	Public Health Readiness in Times of Infectious Disease Outbreaks
3:25 - 3:50	Sadra Abrishamkar & Prof. Jimmy Huang (York)	A Web-accessible Okapi Information Retrieval Model
3:50 - 4:15	Eros Gulo & Prof. Gunho Sohn & Prof. Ali Asgary (York)	Indoor Positioning Using WLAN Fingerprint Matching and Subject Path Assessment Toward Real-Time Building Occupancy Estimation
4:15 - 4:30	Dr. Xing Tan, Prof. Jimmy Huang & Prof. Aijun An (York)	Combining Ontologies, Probabilistic Graphical Models, and Information Retrieval Technologies to build up a Framework for Emergency Management: A Pilot Study
4:30 - 5:30	-	Small Group Meetings