



ISCRAM 2025

HALIFAX. NOVA SCOTIA. CANADA

MAY 18 - 21

CONFERENCE PROGRAMME

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Sunday, May 18th (pre-conference activities)		ROOM
07:45-09:00	Breakfast for Workshop and Colloquium Attendees	
09:00-10:20	Workshop 1: Bayesian Networks: From Problem Structuring to Probabilistic Decision Support	Acadia B
09:00-10:20	Workshop 2: Understanding and Responding to Digital Information Ecosystem Threats	Acadia C
09:00-10:20	Doctoral Colloquium	Acadia A
10:20-10:40	Nutrition Break	
10:40-12:00	Workshop 1: Bayesian Networks: From Problem Structuring to Probabilistic Decision Support	Acadia B
10:40-12:00	Workshop 2: Understanding and Responding to Digital Information Ecosystem Threats	Acadia C
10:40-12:00	Doctoral Colloquium	Acadia A
12:00-1:00	LUNCH	
13:00-14:15	Workshop 3: Techno-ethics Perspective for UAV-assisted Data Collection	Acadia A
13:00-14:15	Workshop 4: Modeling Information Exchange in Collaborative Tasks with C2Sketch	Acadia B
14:15-14:45	Nutrition Break	
14:45-16:00	Workshop 3: Techno-ethics Perspective for UAV-assisted Data Collection	Acadia A
14:45-16:00	Workshop 4: Modeling Information Exchange in Collaborative Tasks with C2Sketch	Acadia B
18:00-22:30	Welcome Reception @ Waterfront Warehouse (6:00-10:30)	
Monday, May 19th		
08:30-09:00	Conference Chairs welcome — Ronald Pelot, Ahsan Habib, Erica Fleck Opening Address — The Honourable Mike Savage, Lieutenant Governor of NS	NS Ballroom
09:00-09:45	KEYNOTE: Jose Julio Gonzalez — Moving Towards Systemic Risk Governance: How can Research Achieve Societal Impact?	NS Ballroom
09:45-10:15	Nutrition Break	
10:15-11:45	Session MA-1: Technical Session (TR#16) (Hybrid) CHAIR: Laura Petersen	NS Ballroom
10:15-10:37	Thi Duyen Luong, Nhat Quang Dinh and Caroline Rizza. The resilience of local population in the tourist area of Le Thuy, Quang Binh, Vietnam: Insights from the 2024 Trami tropical storm	
10:37-10:59	Zhuoyu Liu and Haiyan Hao. Optimizing Shelter Site Locations in Residential Community: A Geo-Simulation and Genetic Algorithm Approach	

10:59-11:21	Jaziar Radianti. Navigating Digital Resilience in Complex Emergency Management Environments	
11:21-11:43	Zhetao Fang, Meng Duo, Jun Hu and Jinjin Wu. Multi-scenarios simulation and analysis of wildfire information dissemination through different media	
11:43-12:05	Meng Duo, Jun Hu and Zhetao Fang. Information, trust and confidence: a framework to understand public risk perceptions after wildfires in China	
10:15-11:45	Session MA-2: Technical Session (TR#15) CHAIR: Jahedul Alam	Halifax B
10:15-10:37	Md Jahedul Alam and Ahsan Habib. Staged Evacuation Modelling: A Hybrid Approach of Fuzzy Logic and Traffic Microsimulation	
10:37-10:59	Leonie Terfurth, Simon Burkard and Lars Gerhold. Evacuating in Virtual Reality: Advancing Insights into Individual Behavior at Crowded Events	
10:59-11:21	Oleksandr Rossolov, Namrata Bhaumik, Muhammad Ahsanul Habib and Ansar-UI-Haque Yasar. A Virtual Reality Framework for Exploring Outdoor Fire Evacuations in Urban Areas	
11:21-11:43	Abdul Wasay Memon and Muhammad Ahsanul Habib. Modelling Emergency Evacuation of Persons Needing Mobility Assistance: A Comparative Route and Scenario Analysis	
10:15-11:45	Session MA-3: Technical Session (TR#19) CHAIR: Jack Gallagher	Halifax C
10:15-10:37	Kevin Fitzgibbon and Snorre Greil. Protecting Critical Subsea Infrastructure using AI and VR	
10:37-10:59	Thomas Wade. NASP Aerial Imagery for Emergency Preparedness and Response	
10:59-11:21	Jack Gallagher. Maximum Expected Time to Rescue in the Canadian Arctic	
11:21-11:43	Gaëtan Mourmant. AI-Driven Multilingual Crisis Protocols for International Schools	
11:45-12:45	KEYNOTE : Adam McAllister, Erica Fleck — What's the holdup? Barriers to data-driven disaster management	
12:45-13:45	LUNCH	

13:45-15:15	Session MB-1: Technical Session (TR#12 & #18) (Hybrid) CHAIR: Sofie Pilemalm	NS Ballroom
13:45-14:07	Prasenjit Dhara and Jaziar Radianti. Ethical and Safety Concerns for UAV-Assisted Data Collection for Disaster Management	
14:07-14:29	Mohamud Yusuf and Sofie Pilemalm. Towards Dual Use of Volunteers in Small and Large Emergencies: Comparing Emerging Volunteer Initiatives	
14:29-14:51	Sofie Pilemalm, Rebecca Stenberg and Emma Finnevidsson. Interdependent Digitalized Co-production of Emergency Response: Requirements and Challenges	
14:51-15:13	Chad Machiela, Seth Gray, Rob Schroeder and Evan Downs. Oregon Resilience Hubs and Networks	
13:45-15:15	Session MB-2: Technical Session (TR#9) CHAIR: Amanda Hughes	Halifax B
13:45-14:07	Apoorva Chauhan. Social Media Use by Canadian Law Enforcement Agencies	
14:07-14:29	Francesca Müller, Samuel Tomczyk, Jacqueline Oppers and Frank Fiedrich. Sociodemographic characteristics of social media users in crisis and disaster situations: Results of a representative German online panel	
14:29-14:51	Jennie Phillips and Esli Chan. Monitoring & responding to information ecosystem incidents: A conceptual framework understanding information ecosystem risk and leveraging academic expertise for information incident response	
14:51-15:13	Amber Silver, Natt Cohen, Theodore Wilson and Brandon Behlendorf. Exploring the Interplay Between Threat Appraisal, Efficacy Appraisal, and Behavior Change During a "Once-in-a-Lifetime" Storm	
13:45-15:15	Session MB-3: Technical Session (TR#11) CHAIR: John Quigley	Halifax C
13:45-14:07	Floris Goerlandt, Kimia Mostaghimi and Ronald Pelot. Assessing the "buddy system" to enhance cruise vessel safety in the Canadian Arctic: A response time analysis	
14:07-14:29	Mona Hakimipahan, Ron Pelot and Floris Goerlandt. Assessing Drone Performance and Probability of Detection for Search and Rescue Operation in Northern Canada	
14:29-14:51	Ian Belton, John Quigley, Archie Rudman, Peter Kikkert, Susan Howick and Lesley Walls. Risk modelling for remote communities: an Inuit-driven Bayesian network approach to enhance search and rescue operations in Arctic Canada	
14:51-15:13	Joshua Peters, John Quigley, Archie Rudman, Ian Belton, Susan Howick, Peter Kikkert and Lesley Walls. Designing a Bayesian Urgency Assessment Tool for Search and Rescue in the Canadian Arctic	

13:45-15:15	Session MB-4: Technical Session (TR#1) CHAIR: Julian Zobel	SABLE CD
13:45-14:07	Julian Zobel, Hendrik Wingbermühle and Björn Scheuermann. On the Impact of Direct-to-Cell Satellite Communication in Decentralized Disaster Networks	
14:07-14:29	Peng Xia, Ji Ruan, David Parry, Stephen Aiello, Jian Yu and Sally Britnell. System development and evaluation for Mass Casualty Incidents Triage with Virtual Reality and Artificial Intelligence	
14:29-14:51	Qixuan Zhao and Peter Vanberkel. A Comparison of Ambulance Travel Time Approximation: Using Google Maps and Machine Learning	
14:51-15:13	Hannes Restel and Stefan Pfennigschmidt. Dominoes: A "Simulation-as-a-Service" Platform for User-Friendly Interdisciplinary Co-Simulations	
15:15-15:45	Nutrition Break	
15:45-17:15	Session MC-1: Technical Session (TR#18) CHAIR: Paul Menhart	NS Ballroom
15:45-16:07	Marjorie Nawila Pettersson, Jakob Axelsson, Anna Johansson and Pontus Svenson. Strength and Limitations of Existing STAMP Tools for Analyzing System of Systems Risks	
16:07-16:29	Xiaorui Chen and Haiyan Hao. A Self-Improving, RAG-Enhanced Framework for Automatic Knowledge Graph Construction from Climate Event News	
16:29-16:51	Muhammad Fadlian, Neil Ireson and Vitaveska Lanfranchi. Generating Realistic Passenger Name Records with Privacy Compliance for Security Analysis	
16:51-17:13	Paul Menhart, Florian Eiselbrecher, Chiara Perocco, Mila Stillman and Anna Kruspe. Assessing Stationary Maritime Traffic Density in Territorial Dispute Zones Using Open-Source Sentinel-2 Satellite Imagery	
15:45-17:15	Session MC-2: Technical Session (TR#9) CHAIR: Amanda Hughes	Halifax B
15:45-16:07	Xiaoying Song, Anirban Saha Anik, Vanessa Frías-Martínez and Lingzi Hong. Dynamic Fusion of Large Language Models for Crisis Communication	
16:07-16:29	Usman Anjum and Justin Zhan. Weighted Trilateration Using Domain Knowledge for Event Localization in Twitter Data	
16:29-16:51	Holden Clark and Amanda Hughes. Seeing the Storm: Leveraging Multimodal LLMs for Disaster Social Media Video Filtering	
16:51-17:13	Ahmed El Fekih Zguir, Ferda Ofli and Muhammad Imran. Detecting Actionable Requests and Offers on Social Media During Crises Using LLMs	

15:45-17:15	Session MC-3: Technical Session (TR#11) CHAIR: Floris Goerlandt	Halifax C
15:45-16:07	Mahroo Mohammadi, Floris Goerlandt and Ronald Pelot. A Network-based Simulation Model for Helicopter Rescue Time Estimation in the Canadian Arctic	
16:07-16:29	John Dalziel, Ron Pelot and Shelley Gallup. AN AFFORDABLE, CAPABLE MARITIME EMERGENCY RESPONSE SYSTEM	
16:29-16:51	Natalia Andreassen, Rune Elvegård, Roar Espevik and Jarle Eid. Enhancing Norway's local emergency preparedness with municipal crisis team exercising	
15:45-17:15	Session MC-4: Technical Session (TR#1) CHAIR: Julian Zobel	Sable CD
15:45-16:07	Alexander Stolz, Jet Hoe Tang, Stefan Fischer and Kai Fischer. Applications of a rheological model analog to assess the resilience of socio-technical systems	
16:07-16:29	Amirhossein Esmaeilpour, Michael Morin and Irène Abi-Zeid. Toward blackbox optimization for maritime search and rescue	
16:29-16:51	Anna-Maria Grönback, Tobias Andersson Granberg and Niki Matinrad. Evaluating response times of UAS as search and rescue resources dispatched from commercial maritime traffic	
18:00-22:30	Special Event: Social at Alexander Keith's Brewery (6:00-10:30)	
Tuesday, May 20th		
08:30-08:45	Welcome — Elianny Dominguez Tejo, Ocean Frontier Institute	NS Ballroom
08:45-09:30	KEYNOTE : Cameron Bouchard — Emergency Management Geomatics at the Government Operations Center	
09:30-10:00	Nutrition Break	
10:00-12:00	Session TA-1: Technical Session (TR#14) (Hybrid) — RED CROSS CHAIRS: Yasuhiro Soshino & Carolin Saltzmann	NS Ballroom
10:00-10:20	Uwe Kippnich. New technologies for first responders	

10:20-10:40	Sonia Maraisse. PISSARO: An Early Warning and Action Tool for Cyclone Risk Management in the Indian Ocean	
10:40-11:00	Yasuhiro Soshino. Linking Early Warnings to Early Actions using the Communication Apps- I act because you took an early action-	
11:00-11:20	Simon Franke. ITC – A red cross institution connecting technology and practice oriented research	
11:20-11:40	Ahmed Khan. Red Cross Insights on Adapting Digital Innovation to Caribbean Disaster Realities	
11:40-12:00	Priyanka Patel. Digital Innovation in the Kenya Red Cross	
10:00-12:00	Session TA-2: Technical Session (TR#10) CHAIR: Max Kinateder	Halifax B
10:00-10:20	Diogo Vallim, Manolis Grillakis, Stylianos Manoudakis, Amalia Giannakopoulou, Anna Schmid, Anastasia Phillis, Apostolos Voulgarakis, George Arampatzis, Efthymios Altsitsiadis and Isabel Fróes. Stakeholder Engagement Drivers: Insights from an Information System Innovation Project Supporting Wildfire Evacuation in Greece	
10:20-10:40	Tobias Raczok, Sven-Nicolas Ivens, Leon Seidel, Simon Gerhinger and Roland Fischer. Wildfire Detection and Monitoring: A Drone-Based Approach and Comparative Analysis	
10:40-11:00	Briony Gray and Pat Camp. Best Practices for Integrated Wildfire Information Management: Lessons from the 2024 Season, British Columbia, Canada	
11:00-11:20	Max Kinateder, Robert Michael Byrne, Mike Alexander, Paul Geoerg, Enrico Ronchi, Maxine Berthiaume, Steve Gwynne, Ann-Kristin Dugstad, Nouredine Bénichou and Amanda Kimball. The 2024 Roxborough Park Wildfire Evacuation Drill - Lessons learned after planning, running, and studying a community evacuation exercise	
11:20-11:40	Maxine Berthiaume, Kinateder Max and Nouredine Bénichou. Case studies of wildfire evacuations in Canada between 2020 and 2023 using publicly available sources	
10:00-12:00	Session TA-3: Technical Session (TR#2 & TR#3) CHAIRS: Terje Gjosaeter & Stefan Schauer	Hlaifax C
10:00-10:20	Flavio Dusse, Jorge Pereira, Renato Novais, Vaninha Vieira and Manoel Mendonça. A Variability-Based Model to Support the Design of Public Crisis Information and Communication Systems	
10:20-10:40	Rob Grace, Changwon Son, Feifei Pang, Killian Parker and Jacob Hernandez. Human-AI Communication in First Aid Response: Effects on Team Performance, Trust, and Teamwork Appraisal	
10:40-11:00	Niklas Sommerer, Stefan Schauer, Martin Latzenhofer and Andreas Schnabl. How Critical is Critical? Towards a Decision Framework for Disaster-specific Critical Entities	

11:00-11:20	Jeroen Wolbers, Tommy van Steen, Cristina del Real and Bibi van den Berg. Cybercrisis averted: using Safety Science principles to learn from success	
11:20-11:40	Abdelkader Shaaban and Stefan Schauer. Bridging Theory and Practice for Enhanced Cybersecurity Awareness in Critical Infrastructures	
11:40-12:00	Eline Wester Sørensen, Weiqin Chen and Terje Gjøsæter. Evaluation of a Digital Map Platform for Team Situational Awareness	
10:00-12:00	Session TA-4: Technical Session (TR#5) CHAIR: Zeno Franco	Sable CD
10:00-10:20	George Floros, Krishna Chandramouli, Savvas Petanidis, Sofia Tsekeridou, Filopimin Lykokanellos, Themistoklis Anagnostopoulos, Michael Weber, Incinur Zellhuber, Maurizio Martignano, Sabina Magalini, Daniele Gui and Garik Markarian. AI Enabled Healthcare Services During Cross-Border Medical Emergency and Regular Patient Services (ESCORT project): System architecture and first results in Emergency Medicine Scenario	
10:20-10:40	Sebastian Henke, Johannes Ponge and Bernd Hellingrath. Integrating Epidemiological Models and Hospital Resource Management – A Demonstration of the Agent-Based Simulation Tool HosNetSim	
10:40-11:00	Temitayo Okusanya, Maliha Mahajebin, Zahra Bayat, Sabirat Rubya, Otis Winstead, Robert Curry, Praveen Madiraju, Natalie Baker, Zeno Franco and Md Romael Haque. Mental Health Support and Crisis Detection for Veterans Using Opioids: Toward a Predictive Model for mHealth OUD Intervention	
12:00-13:00	LUNCH	
13:00-13:15	WELCOME: The Honourable Kim Masland, Nova Scotia Minister of Emergency Management	NS Ballroom
13:15-14:15	PANEL: Deepak Khazanchi, Gaetan Mourmant, Reet Kasepalu, Dave Parry — Moral Machines in Emergencies: Fairness, Ethics, and AI in Crisis Management	NS Ballroom
14:15-15:45	Session TB-1: Technical Session (TR#16) (Hybrid) CHAIR: Laura Petersen	NS Ballroom
14:15-14:37	Yvonne Lont, Jan Kwakkel and Tina Comes. An Agent-based Exploration of Information Sharing for Adaptation in Crisis Response	
14:37-14:59	Nafe Moradkhani, Walid Klibi and Frederick Benaben. Context Matters: Optimizing Crisis Response Through Contextual Stochastic Decision-Making	
14:59-15:21	Mohammad Tafiqur Rahman and Omar El-Gayar. Eliciting Non-functional Requirements for Developing an IS-Based Interactive HDSS: A Grounded Theory Approach	
15:21-15:43	Khushboo Gupta, Nikita Gautam, Tiberiu Sosea, Doina Caragea and Cornelia Caragea. Calibrated Semi-Supervised Models for Disaster Response based on Training Dynamics	

14:15-15:45	Session TB-2: Technical Session (TR#6) CHAIR: Michael Klafft	Halifax B
14:15-14:37	Simon Franke, Christian Elsenbast and Tilo Mentler. Structured and Standardized Emergency Call Systems from an Automation Research Perspective	
14:37-14:59	Michael Klafft. Supporting the management of spontaneous volunteers through AI-generated task descriptions	
14:59-15:21	Reem Abbas and Jose J. Gonzalez. Reverse Engineering of Published Work for Strategy Mapping	
14:15-15:45	Session TB-3: Technical Session (TR#7) CHAIR: Jurgen Mossgraber	Halifax C
14:15-14:37	Krishna Chandramouli, Michał Choraś, Rafał Kozik, Marcin Przybyszewski and Dominika Grunwald. SILVANUS – an IT platform for combating wildfires	
14:37-14:59	Amin Hosseini Shakib, Mitchell Ripka, Jason Rotoli, Qing Miao, Sandra Rothenberg, James Fugate and Brian Tomaszewski. SafeSigns: Enabling Community Resilience Communication for the Deaf and Hard of Hearing	
14:59-15:21	Utkarsha Kshirsagar, Tae Oh, Brian Tomaszewski and Gary Behm. Inclusive Emergency Alerts: A Cloud-Based Haptic and Visual Notification System for the Deaf and Hard of Hearing	
15:21-15:43	Tobias Hellmund, Manfred Schenk and Hylke van der Schaaf. OData – The Best Way to Develop Crisis Management Tools? A qualitative and quantitative assessment.	
15:45-16:30	Nutrition Break with POSTER SESSION	
16:30-17:15	ISCRAM General Assembly	NS Ballroom
18:30-22:30	Closing Gala at Pier 21 (6:00-10:30)	
Wednesday, May 21st		
08:30-08:45	Welcome — Andy Fillmore, Mayor of Halifax Regional Municipality	NS Ballroom
08:45-09:30	KEYNOTE : Mike MacMillan & Robert Doiron — Addressing Emerging Wildfire Risks at Nova Scotia Power	NS Ballroom

09:30-11:00	Session WA-1: Technical Session (TR#13) (Hybrid) CHAIR: Madhulika Bhati	Halifax A
09:30-09:52	Jayashree Prasad, Anuja Jadhav, Rajesh Prasad and Pranav Pathak. Improving Coastal Adaptation: Climate Change Impact Modelling for Resilient Communities	
09:52-10:14	Rajesh Prasad, Ajay Kumar Kushwaha, Jayashree Rajesh Prasad and Anuja Jadhav. Leveraging AI, ML and Deep Learning for Smart City Development and Disaster Risk Reduction	
10:14-10:36	Shalini Dhyani, Rajarshi Dasgupta and Rakesh Kadaverugu. Leveraging Participatory Scenario Development for Disaster Risk Reduction: Insights from Bhitarkanika mangroves, India as a Nature-Based Solution	
10:36-10:58	Abhay Vishnu, Astha Santhosh, Devika Sivakumar and Merin Roy. Community Climate Resilience Building: A Case Study of Tidal Flooding in Kerala, India	
09:30-11:00	Session WA-2: Technical Session (TR#4) CHAIRS: Peter Berggren & Björn Johansson	Acadia B
09:30-09:52	Björn Johansson and Peter Berggren. Mitigating future crisis through collective meaning making – megagaming sustainable energy systems	
09:52-10:14	Peter Berggren, Björn Johansson and David Myrén. Untangling scenario terminology to improve exercise ontology across domains	
10:14-10:36	Annika Andreasson and Sinna Lindquist. Envisioning cyber situation awareness through participatory video prototyping	
09:30-11:00	Session WA-3: Technical Session (TR#8) CHAIR: Anne-Marie Barthe-Delanoë	Acadia C
09:30-09:52	Lisa Formentini, Francois Charoy and Matthieu Tixier. Changing collaborative tools. Introductory Dynamics of Digital Collaborative Tools in Civil Security's Ecologies of Artifacts.	
09:52-10:14	Deedee Bennett Gayle, Salimah LaForce, Xiaojun Yuan, Mahsa Goodarzi and Mwarumba Mwavita. Virtual Reality as a Methodological Tool to assess Disaster Preparedness	
10:14-10:36	Anouck Adrot and Henri Isaac. Cross-border data ecosystems impact on resilience: an exploratory study	
10:36-10:58	Reet Kasepalu, Stella Polikarpus, Daniel Jefimov and Tambet Kütt. The Future of Crisis Response Training: AI-Generated Feedback for Incident Commanders?	
11:00-11:30	Nutrition Break	

11:30-13:00	Session WB-1: Technical Session (TR#13) (Hybrid) CHAIR: Madhulika Bhati	Halifax A
11:30-11:52	Satish Kumar D, Manasa Ranjan Behera, Srineash V K and Purnima Jaliha. Assessment of survival conditions for offshore structures in the North Indian Ocean basin	
11:52-12:14	Srineash V K and Manasa R. Behera. Projection of Offshore Wind Energy over the Arabian Sea	
12:14-12:36	Madhulika Bhati, Ronald Pelot, Floris Goerlandt, Hamid Afshari, Vignesh K.S. and Joe Infantia C.G.. Exploring the concept of a Digital Twin Smart City for disaster emergency preparedness planning in Nova Scotia, Canada	
11:30-13:00	Session WB-2: Technical Session (TR#4) CHAIR: Peter Berggren & Björn Johansson	Acadia B
11:30-11:52	Stella Polikarpus and Reet Kasepalu. Complexity Level of Virtual Simulations Scenarios for Command and Control Behaviors Assessment	
11:52-12:14	Hendrik Bruns, Hendrik Jonitz and Eva-Maria Kern. Participatory Evaluation: Case Studies of International Full Scale Exercises	
12:14-12:36	Lennart Landsberg and Ompe Aimé Mudimu. Applying Fuzzy Logic to Evaluate C2 Systems - Fusion of Heterogeneous Input Data	
12:36-12:58	Erik Borglund, Martina Granholm, Catrin Johansson and Peter Jonriksson. Using Automatic Speech Recognition for Documenting Work in Municipal Emergency Operations Centers	
11:30-13:00	Session WB-3: Technical Session (TR#8) CHAIR: Anne-Marie Barthe-Delanoë	Acadia C
11:30-11:52	Eridy Lukau, Ulrich Meissen and Jochen Schiller. Simulation as a Tool: Towards Next Generation Crisis Management and Emergency Communication during Blackout Disasters	
11:52-12:14	Julian Zobel and Lennart Landsberg. Future Communication Applications of UAVs for Increased Resilience of Command and Control Systems	
12:14-12:36	Anne-Marie Barthe-Delanoë, Audrey Fertier, Kevin Chapuis and Aurélie Montarnal. Facing climate change: How to manage the arising new crises?	
13:00-13:30	Closing Session	Halifax A
13:30-14:15	BOX LUNCH	

14:30-16:15	CCG/DND Rescue exercise (in Halifax Harbour, in back of Marriott hotel) (2:30-4:15)	
16:30-17:30	Walking tour (4:30-5:30)	starts at front of Marriott

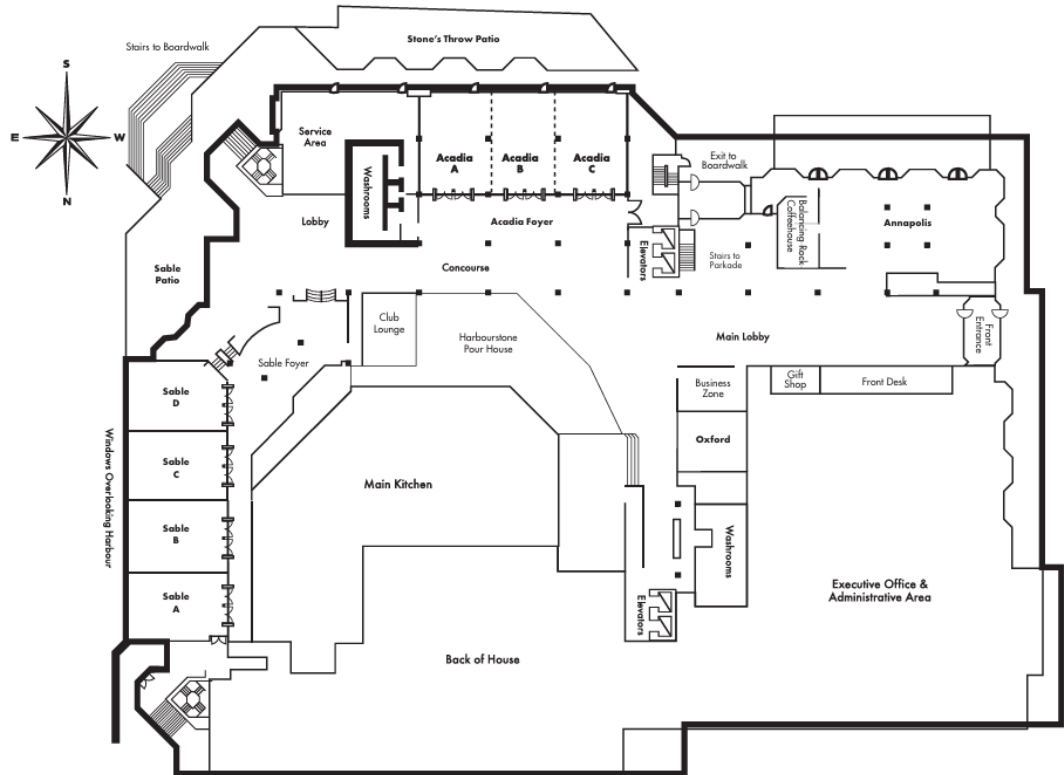
LIST of TRACKS

TR#	Title
1	Analytical Modeling and Simulation
2	Usability and Universal Design of ICT for Emergency Management
3	Enhancing Protection of Critical Infrastructures
4	Command & Control Studies
5	Disaster Public Health & Healthcare Informatics
6	Impact-driven Emergency and Crisis Management
7	IT solutions for Crisis Management
8	Visions for Future Crisis Management
9	Social Media for Crisis Management
10	Emerging topics in wildfire evacuation: Connecting First Responders and Residents through data
11	Emergency Management for Remote Communities and Infrastructures in Harsh Environments
12	Volunteers in Crisis and Emergency Management
13	Climate Change Modelling to Improve Coastal Community Resilience
14	Pracademics in the International Red Cross and Red Crescent Movement
15	Data, Planning, and Modelling for Mass Evacuation Challenges
16	Remote presenters
18	Open Track

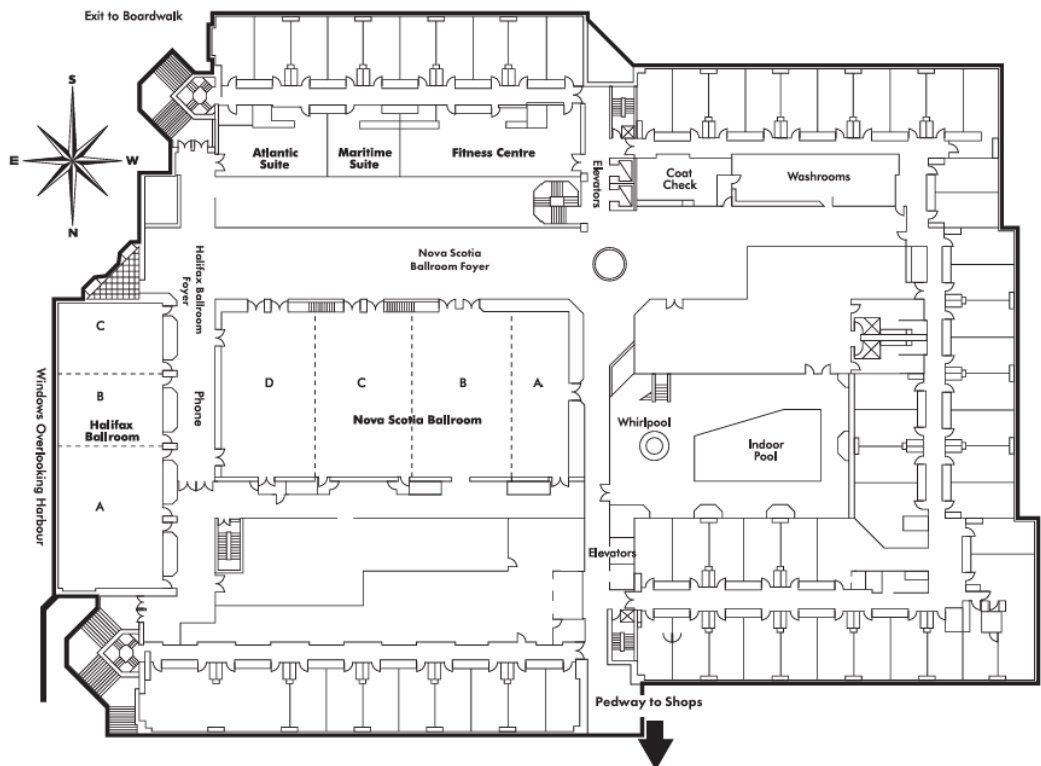
MARRIOTT HARBOURFRONT HOTEL

1919 Upper Water St, Halifax

1st floor



2nd floor



ISCRAM2025 venues

Untitled layer



Halifax Marriott Harbourfront
Hotel



Monday night Social



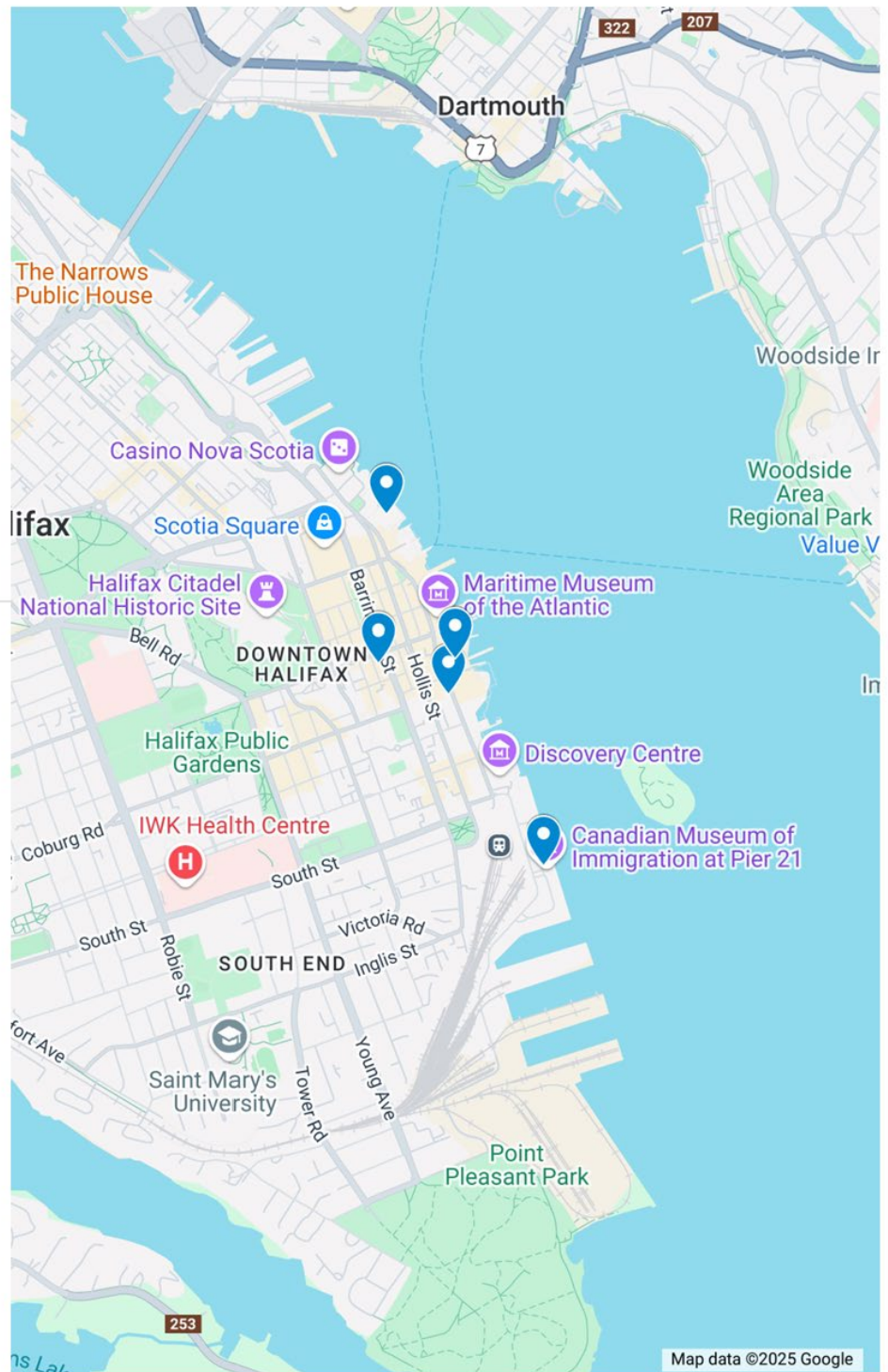
Sunday reception (Waterfront
Warehouse)



Tuesday Gala Dinner



Saturday evening Gathering --
The Pint Public House



ISCRAM 2025 @ HALIFAX: GLOBAL SCHEDULE

Pre-Conference Activities					
Day 0 (Sunday, May 18) - workshops					
7:45-9:00	Breakfast for Sunday registrants				
	Acadia A	Acadia B	Acadia C		
08:30-08:45	Announcements				
08:45-09:00	The Honourable Mike Savage, Lieutenant Governor of NS				
09:00-09:15	Doctoral Colloquium	Workshop 2 – Understanding and Responding to Digital Information			
09:15-09:30		Bayesian Networks: From Problem Structuring to Probabilistic Information			
09:30-09:45		BREAK			
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11:45-12:00	Networking Lunch (Nova Scotia Foyer)				
12:00-12:15	Honourable Kim Masland, NS Minister of Emergency Management				
12:15-12:30	Panel : Deepak Khazanchi, Gaetan Mourmant, Reet Kasepalu, Dave Parry — Moral Machines in Emergencies: Fairness, Ethics, and AI in Crisis Management				
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15:45-16:00	Honourable Kim Masland, NS Minister of Emergency Management				
16:00-16:15	Panel : Deepak Khazanchi, Gaetan Mourmant, Reet Kasepalu, Dave Parry — Moral Machines in Emergencies: Fairness, Ethics, and AI in Crisis Management				
16:15-16:30	Networking Lunch (Nova Scotia Foyer)				
16:30-16:45	Honourable Kim Masland, NS Minister of Emergency Management				
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Special Event: Social at Alexander Keith's Brewery (6:00-10:30)					
Closing Gala @ Pier21 (6:30 - 10:30)					

Day 1 (Monday May 19th)					Day 2 (Tuesday May 20th)			Day 3 (Wednesday May 21st)			
	Nova Scotia Ballroom	Halifax B	Halifax C	Sable CD	Nova Scotia Ballroom	Halifax B	Halifax C	Sable CD	Halifax A	Acadia B	Acadia C
Announcements											
The Honourable Mike Savage, Lieutenant Governor of NS											
Keynote : Jose Julio Gonzalez — Moving Towards Systemic Risk Governance: How can Research Achieve Societal Impact?											
BREAK + Exhibits (Nova Scotia Foyer)											
Technical Session MA-1 TR#16 (Hybrid)											
Technical Session MA-2 TR#15											
Technical Session MA-3 TR#19											
Keynote : Adam McAllister, Erica Fleck — What's the holdup? Barriers to data-driven disaster management											
Networking Lunch (Nova Scotia Foyer)											
Technical Session MB-1 TR#18 & TR#12 (Hybrid)											
Technical Session MB-2 TR#9											
Technical Session MB-3 TR#11											
Technical Session MB-4 TR#1											
BREAK + Exhibits (Nova Scotia Foyer)											
Technical Session MC-1 TR#18											
Technical Session MC-2 TR#9											
Technical Session MC-3 TR#11											
Technical Session MC-4 TR#1											
Special Event: Social at Alexander Keith's Brewery (6:00-10:30)											
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Pre-Conference Activities											
Day 0 (Sunday, May 18) - workshops											
7:45-9:00	Breakfast for Sunday registrants										
	Acadia A	Acadia B	Acadia C								
08:30-08:45	Announcements										
08:45-09:00	The Honourable Mike Savage, Lieutenant Governor of NS										
09:00-09:15	Doctoral Colloquium	Workshop 2 – Understanding and Responding to Digital Information									
09:15-09:30		Bayesian Networks: From Problem Structuring to Probabilistic Information									
09:30-09:45		BREAK									
09:45-10:00		Workshop 1 – Bayesian Networks: From Problem Structuring to Probabilistic Information									
10:00-10:15		Doctoral Colloquium									
10:15-10:30	Lunch										
10:30-10:45	Doctoral Colloquium	Workshop 3 – Techno-ethics Perspective for UAV-assisted Data Collection									
10:45-11:00		Workshop 4 – Modeling Information Exchange in Collaborative Tasks with C2Sketch									
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Day 2 (Tuesday May 20th)				Day 3 (Wednesday May 21st)			
Nova Scotia Ballroom	Halifax B	Halifax C	Sable CD	Halifax A	Acadia B	Acadia C	
Elianny Dominguez Tejo, Ocean Frontier Institute				Andy Fillmore, Mayor of HRM			
Keynote : Cameron Bouchard — Emergency Management Geomatics at the Government Operations Center				Keynote : Mike MacMillan & Robert Doiron — Addressing Emerging Wildfire Risks at Nova Scotia Power			
BREAK + Exhibits (Nova Scotia Foyer)				BREAK (Foyer)			
Technical Session TA-1 TR#14 (Hybrid)	Technical Session TA-2 TR#10	Technical Session TA-3 TR#2 & TR#3	Technical Session TA-4 TR#5	Technical Session WB-1 TR#13 (Hybrid)	Technical Session WB-2 TR#4	Technical Session WA-2 TR#4	Technical Session WA-3 TR#8
Networking Lunch (Nova Scotia Foyer)							
Honourable Kim Masland, NS Minister of Emergency Management Panel : Deepak Khazanchi, Gaetan Mourmant, Reet Kasepalu, Dave Parry — Moral Machines in Emergencies: Fairness, Ethics, and AI in Crisis Management							
Technical Session TB-1 TR#16 (Hybrid)	Technical Session TB-2 TR#6	Technical Session TB-3 TR#7		Closing session		Box Lunch	
				CCG/DND Rescue exercise (in Halifax Harbour, in back of Marriott hotel) (2:30-4:15)			
POSTER session + Break				Walking tour (4:30-5:30)			
ISCRAM GENERAL ASSEMBLY Nova Scotia Ballroom							