Current as of date
2024-04-26 08:46
Schedule subject to change

IDEaS
INNOVATION FOR DEFENCE
EXCELLENCE AND SECURITY

| **Innovation Network An...** *Online* | *Tuesday, April 27* |

11:00 - 11:30 | Welcome & Opening Remarks . . . .*Online*

11:30 - 12:00 | Optimized teaming and adaptive interfaces in mixed initiative human automation . . . .*Online*
systems

Speakers   Tarek Ould Bachir, Co-founder and CEO Solutions Rexys Inc.
Solutions Rexys Inc.
Prof. Dana Kulic, Professor, Department of Electrical and Computer Engineering, Monash University,
Australia.
Monash University, Australia.
Jerome Le Ny, Associate Professor, Department of Electrical Engineering
Polytechnique Montréal
Aditya Mahajan, Team lead, Associate Professor, Department of Electrical and Computer
McGill University
Heather F. Neyedli, Associate Professor, Division of Kinesiology, School of Health and Human
Performance
Dalhousie University
Stephen L. Smith, Associate Professor, Canada Research Chair in Autonomous Systems, Dept. Of
Electrical and Computer Engineering
University of Waterloo
Sebastien Tremblay, Professor
Laval University
Q and A's hosted by McGill University's Micro-net

12:00 - 12:30 | CANUMV - Cooperative Network of Autonomous Unmanned Vehicles Protection, ...*Online*
Trustworthiness, and Resilient Recovery Subject to Faults and Cyber Attacks

Speakers   Jamal Bentahar Ph.D, CANUMV - Cooperative Network of Autonomous Unmanned Vehicles
Protection, Trustworthiness, and Resilient Recovery Subject to Faults and Cyber Attacks, Professor
Concordia University
Porf. Georges Kaddoum, Professor
Concordia University
Dr. Khashayar Khorasani, Team lead, Professor and Tier I University Research Chair, Department of
Electrical and Computer Engineering and Concordia Institute of Aerospace Design and Innovation
Concordia University
Aditya Mahajan, Associate Professor, Department of Electrical and Computer
McGill University
Dr. Otmane Ait Mohamed, Professor
Concordia University
Dr. Mehrdad Saif, Dean, Faculty of Engineering & Professor of ECE
University of Windsor
Dr. Rastko Selmic, Professor of Electrical and Computer Engineering
Concordia University
Q's and A's hosted by Concordia University's Micro-net

12:30 - 13:00 | SENTRYNET: Developing trust between soldiers civilians, and robots: Developing trust*On line*
between soldiers civilians, and robots

Speakers   Enas Altarawneh, Doctoral Student
York University
Kartikeya Bhargava, Software Engineer
York University
Stephanie Craig, PhD, C.Psych, Postdoctoral Fellows
York University
Prof. Mikeal Eklund, P.Eng, Professor, Department of Electrical, Computer and Software Engineering
Ontario Tech University

Dr. James Elder, Professor & York Research Chair in Human and Computer Vision
Lassonde School of Engineering & Faculty of Health, York University
Helio Perroni Filho, Principal Robotics Software Architect
CrossWing, Inc.
Dr. Bob Hou, Senior Research Scientist
York University
Michael Jenkin, P.Eng,, Team lead, Professor, Lassonde School of Engineering,
York University
Razieh Niazi, Founder, Kaypok, Inc.
Kaypok, Inc.
Prof. Debra Pepler, Distinguished Research Professor
Department of Psychology, Faculty of Health York University
R. Michael Pickering, Founder & CEO, CloudConstable Inc.
CloudConstable Inc.
Jean-Jacques Rousseau, PhD, MBA, Project Manager
York University
Stephen Sutherland, Founder & CEO, CrossWing, Inc.
CrossWing, Inc.
Q's and A's hosted by York University's Micro-net

13:00 - 13:30	Health Break	Online

13:30 - 14:00	Effective Human-Machine Cooperation with Intelligent Adaptive Autonomous Systems	Online

Speakers Dr. Kevin Heffner, Independent researcher
York University
Dr. Jinjun Shan, Team lead, Professor, Autonomous Systems
York University
Q's and A's hosted by York University's Micro-net

14:00 - 14:30	Quantifying Trust in Autonomous Medical Advisory Systems	Online

Speakers Dr. Thomas Doyle, Team lead, Associate Professor, Department of Electrical and Computer
Engineering
McMaster University,
Dr. Michael Noseworthy, Professor, electrical and computer engineering
McMaster University
Dr. Reza Samavi, Assistant Professor, Department of Electrical, Computer and Biomedical
Engineering
Ryerson University
Professor Steven Yule, Chair of Behavioural Sciences
University of Edinburgh
Q's and A's hosted by McMaster University's Micro-net

14:30 - 15:00 AutoDefence: Towards Trustworthy Technologies for Autonomous Human-Machine Systems

Speakers Dr. Yaoping Hu P.Eng., Professor of Software Engineering at the Dept. of Electrical and Software
Engineering,
University of Calgary
Konstantinos N. Plataniotis, Ph.D., P.Eng, Bell Canada Chair in Multimedia
University of Toronto
Yingxu Wang, Professor, PhD, FIEEE, FBCS, FICICC, FWIF, FAIAA, FHKSRA, P.Eng
University of Calgary
Prof. Svetlana Yanushkevich, Team lead, Principal Investigator
University of Calgary
Q's and A's hosted by the University of Calgary's Micro-net

15:00	Closing remarks	Online

15:30	Close	Online