

Industrial Collaboration Award

This award recognizes micro-nanosystems research that has produced substantive results with commercial potential and is supported by an industrial collaborator.

Title	Presenters	University
2D PolyMUMPS micromirror based laser Heads-up display for automobiles	Hui Zuo	Ryerson University
Ceramic Interposers for Ultra-High Density Packaging and 3D Circuit Integration	Arash Adibi	École de technologie supérieure
Chipless RFID Sensor System for Real-Time Defect Detection for Coated Steel Structures	Sameir Deif	University of Alberta
Compact Optode probe for Single-Photon Counting Applications	Sreenil Saha	Ecole Polytechnique de Montreal
Design and Characterisation of an Integrated System Dedicated to the Research and Development of SPAD	Jacob Deschamps	Sherbrooke University
Ga Liquid Metal Embrittlement for Fine Pitch Interconnect Rework	Elodie Nguena	Université de Sherbrooke
Hardware-Accelerated Computations for Blockchain	Sumaia Atiwa	York University
Hardware-Accelerated DNA Sequencing	Zhongpan Wu; Karim Hammad	York University
Microfluidic Device Enabled Handheld Bioprinter	Richard Cheng; Jean-Michel Gariepy	University of Toronto
Next Generation Optical Transceivers for Data Center Optical Interconnects	Eslam El-Fiky	McGill University
RF Sensors Tranceiver for Smart Home	Hossein Saghlatoon; Rashid Mirzavand	University of Alberta