

Excellence in Microsystems Fabrication Award

Sponsored by Teledyne MEMS

Judges: Collin Twanow - Teledyne MEMS, Amine Miled - Université Laval, Anton Menshov - X, the Moonshot Factory

CMC Host/Moderator: Kevin Dobie, Ahmed Abumazwed

Presentation Times	Presenter	University	Title
12:00-12:15	Lu Luo	Polytechnique Montréal	GeSn nanowire mid-infrared photodetector
12:20-12:35	Chen Li	McGill University	Versatile Organ-on-a-Chip: Crafting Organotypic Structures with Dissolvable Microfabricated Templates
12:40-12:55	Benjamin Dringoli	McGill University	TRAQC: A New Solution for Quality Control of Printed Electronics
1:00-1:15	Hassan Kianmehr	University of Waterloo	LC-Integrated Devices Using Microfabrication for Tunable RF and Microwave Applications
1:20-1:35	Ali Maghzian	York University	Fabrication Of Biomimetic and Flat Collagen Scaffolds Containing Embedded Microchannels Inside 3D Extracellular Matrices With 2D Basement Membrane Linings
1:40-2:00	~~~~~ BREAK ~~~~~		
2:00-2:15	Parham Pashaei	University of British Columbia	High-quality atomically thin heterostructures for electronic and optoelectronic applications
2:20-2:35	Pegah Zandi	University of Calgary	Dual Atom-doped Nano Carbon Nitride for Selective CO2 Conversion to Methanol
2:40-2:55	Mahyar Ghavami	University of Alberta	Fabrication of Transparent Row-column Capacitive Micromachined Ultrasound Transducer (CMUT) Arrays for 3D Photoacoustic Imaging
3:00-3:15	Amel Sassi	University of Toronto	A Novel Bone-Metastasis-on-a-Chip to Investigate Bone Metastasis
3:20-3:40	~~~~~ DELIBERATION PERIOD ~~~~~		