

PROGRAM

Monday

Tuesday

Wednesday

Thursday

JUNE 2

JUNE 3

JUNE 4

JUNE 5

Welcome Reception

Country Reports
Banquet Dinner

Invited Talks

Technical Tours

Monday - 2 June

Location: Hemon Room - Level A (Salon Hemon)

Invitation Only

5:00 - 7:00 pm

 Welcome Reception

Hemon Room – Level A (Salon Hemon)

Tuesday - 3 June

Country Reports & Banquet Dinner

Location: Salon ABC - Level B

7:00 – 8:45 am

 Breakfast

8:45 – 9:00 am

Welcome



Gordon Harling
CMC Microsystems

9:00 – 9:20 am



Australia Country Report
Mariusz Martyniuk
The University of Western Australia

Other Presentation:

9:25 – 9:45 am



Piezo-Optoelectronic Sensing Effects in Si and SiC Heterojunctions
Dzung Dao
Griffith University

Other Presentation:

9:50 – 10:10 am



Building the Case for Strategic Semiconductor Investment in Australia
Nadia Court
Semiconductor Sector Service Bureau (S3B)

Other Presentation:

10:15 – 10:35 am



Novel Micro-actuators for Micro-optics applications
Aron Woldeghiorgis
UNSW Sydney

10:40 – 11:00 am

 Tea/Networking break

 Italy

11:00 – 11:20 am



Italy Country Report

Luca Francioso

Institute for Microelectronics and Microsystems CNR-IMM



Japan

11:25 – 11:45 am



Japan Country Report

Toshihiro Itoh

The University of Tokyo



Romania

11:50 – 12:10 pm



Romania Country Report

Carmen Moldovan

National Institute for R&D in Microtechnologies
(IMT-Bucharest)

Other Presentation:

12:15 – 12:35 pm



IMT's activity in the frame of European Chips Act

Adrian Dinescu & Carmen Moldovan

National Institute for R&D in Microtechnologies
(IMT-Bucharest)

12:40 – 2:00 pm



Lunch

Iberian

2:00 – 2:20 pm



Iberian Peninsula Report

Luis Fonseca

Institute of Microelectronics of Barcelona
National Centre of Microelectronics (IMB-CNM)

2:25 – 2:45 pm



Other Presentation:
Introducing gas/vapor microsensors into monitoring plant water stress and detecting the onset of wildfires
Stella Vallejos Vargas
Institute of Microelectronics of Barcelona
National Centre of Microelectronics (IMB-CNM)



United Kingdom

2:50 – 3:10 pm



United Kingdom Country Report
Nicholas Harris
University of Southampton

3:15 – 3:35 pm



Other Presentation:
MEMS/NEMS-Photonics Integration and NOEMS
Yoshishige Tsuchiya
University of Southampton

3:40 – 4:00 pm

 Tea/Networking break



Canada

4:00 – 4:20 pm



Canada Country Report
Gordon Harling
CMC Microsystems

4:25 – 4:45 pm



Not for Your Phone: Evolving Microsystem Paradigms in High-Performance Acceleration Sensing
Behraad Bahreyni
Simon Fraser University

4:50 – 5:10 pm



Imaging, Tracking and Reconfigurable Acoustics: MEMS Innovations at the University of Waterloo

6:00pm

Close

Transition to Evening Banquet

6:00 – 6:30 pm

Cocktail

6:30 – 9:00 pm

Dinner

Wednesday - 4 June

Invited Talks

Location: Salon ABC - Level B

7:00 – 8:50 am

Breakfast

8:50 am

Welcome



Gordon Harling
CMC Microsystems

Marco Blouin
Science and Partnerships, Ministère de l'Économie et de l'Innovation
of Quebec (MEI)

9:00 am

Featured Talk 1



Tim Warland

CMC Microsystems

Canada's Semiconductor Ecosystem. Accelerated.

Invited Talks Session 1

Manufacturing and Microfabrication Capabilities in Canada



Session Chair

Suraj Sharma

CMC Microsystems



Collin Twanow

Teledyne MEMS

Globally Competitive MEMS Foundry Manufacturing in Canada



Bruce Scatchard

Preciseley Microtechnology

Canada's Optical MEMS Advantage: Infrastructure, Innovation, and Scaling for Global Markets



Karel Côté

C2MI

C2MI Microfabrication capabilities: Lab to Fab for next generation of MEMS, Photonics and more...

 Tea/Networking break

Invited Talks Session 2

Canadian Excellence in MEMS/IoT Research and Innovation



Session Chair

Suraj Sharma

CMC Microsystems

11:00 am



Ammar B. Kouki

LaCIME | ÉTS

Ceramics and MEMS: A Potent Combination for Microsystems

11:20 am



Sahil Gupta

Soundskrit

From Nature to Silicon: MEMS Bio-inspired Microphones Improve Audio Capture in Consumer Electronics

11:40 am



Ashok Prabhu Masilamani

Noze

12:00 – 1:00 pm

 Lunch Break

1:00 pm

Panel Discussion 1

Global Collaboration and Future Trends in Smart Systems



Moderator

Nadia Court

Director, Semiconductor Sector Service Bureau (S3B)



**Ashok
Masilamani**

Noze



**Bruce
Scatchard**

Preciseley
Microtechnolo
gies



**Collin
Twanow**

Teledyne
MEMS



Sahil Gupta

Soundskrit



**Richard
Beaudry**

Digitho

Invited Talks Session 3

Innovative Canadian Companies: From Concept to Commercialization



Session Chair

Amr Samir

CMC Microsystems

Richard Beaudry



Digitho

Direct Lithography Writing Using Dynamic Reprogrammable Photomask

Edmond Cretu



Sonus Microsystems

From CMUT to polyCMUT Arrays – A Green Tale

Danny Gangapersaud



Stathera

Stathera MEMS Timing: From R&D Breakthrough to Commercial Reality

Alan Renaudin



Technum Québec

Technum Innovation Zone: An Ecosystemic Approach for Growth and Collaboration in Semiconductors

Moderator



Stella Vallejos Vargas

IMB-CNM



Alan Renaudin Technum Québec	Ammar B. Kouki LaCIME ÉTS	Danny Gangapersa ud Stathera	Edmond Cretu Sonus Microsystems	Karel Côté C2MI
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3:40 pm

Close

3:50 pm

Optional LTCC@ÉTS laboratory tour

Offered by: Ammar B. Kouki | LTCC@ÉTS

Address: 1100, Notre-Dame Street West

Participants can explore the city on Wednesday evening.
No events are scheduled.

Thursday - 5 June

Technical Tours

Interested in the tour? Registration to MMS 2025 is required to attend the technical tours

Save Your Spot

8:00 am

 Depart hotel for Sherbrooke tours

 Boxed Breakfast

will be available to take on the bus by request

10:00 – 10:45 am

3IT visit



11:00 – 11:45 am	Institut Quantique visit	
12:00 – 1:00 pm	 Lunch at EQ1	
1:00 – 2:00 pm	DistriQ visit	
2:00 – 3:00 pm	 Bus to Bromont	
3:00 – 4:00 pm	C2MI Visit	
4:15 pm	 Depart C2MI in Bromont for Hotel in Montreal	
	Explore the city at your leisure.	

Thank you to our Sponsors

UDS



SecurIT
Québec



For more information contact
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