

MMS 2023 Programme

World Micromachine Summit - MMS 2023

**May, 21st (Sunday), Micromachine Summit 2023 Welcome Cocktail,
Grand Hotel Continental Bucharest Hotel, h. 20:00**

Update - 20 May 2023

<u>May, 22nd (Monday), Micromachine Summit Day 1</u>		
EEST Time		
09:00-09:20	Summit Registration	
Country Review (Room Grigorescu)		
09:20-09:30	Welcome MMS 2023	
09:30-09:40	Message from Romanian Ministry of Research, Innovation and Digitalization	Secretary of State Prof. Tudor Prisecaru
09:40-10:00	European Commission, EU Chips Act	Marco Ceccarelli, DG CNECT
10:00-10:20	Country Review France & ICOS Horizon Europe for international cooperation	Francis Balestra
10:20-10:40	Country Review Japan - Japanese Semiconductors Strategy and MEMS Related Projects	Toshihiro Itoh

10:40-11:00	Country Review India - MEMS Manufacturing in India: INFAB	Sudhanshu Shekhar
11:00-11:20	Coffee Break	
Country Review (Room Grigorescu)		
11:20-11:40	Country Review Australia	Mariusz Martyniuk
11:40-12:00	Country Review Brazil - Semiconductor Scenario in Brazil and INCT NAMITEC Research Network	Jacobus Swart
12:00-12:20	Country Review Canada - Micro/Nano Canada Report	Gordon Harling
12:20-12:35	Regular presentation: Biosensors: Empowering Personal Health	Sushanta Mitra, Canada
12:35-12:55	Country Review Austria	Ulrich Schmid
12:55-14:00	Lunch	
Country Review (Room Grigorescu)		
14:00-14:20	Country Review Romania	Carmen Moldovan
14:20-14:40	Country Review Iberian delegation	Luis Fonseca
14:40-14:55	Regular presentation: Integrating materials and silicon technologies for microenergy devices	Luis Fonseca, Spain
14:55-15:10	Regular presentation: Smart Systems for the key challenges of Utilities	Carles Cané, Spain
15:10-15:30	Country Review Ireland	Cian O'Mathuna
15:30-15:45	Regular presentation: "Automotive Electronic Systems"	Gabriel Sirbu, Romania

15:45-16:00	Coffee Break	
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May, 22nd (Monday), 19.00, GALA DINNER - Resort Casa Timiș, Prahova, Romania,

EEST Time

May, 23th (Tuesday), Micromachine Summit Day 2		
EEST Time		
Country Review (Room Grigorescu)		
09:20-09:40	Country Review Germany	Thomas Otto
09:40-10:00	Country Review Hungary	Fried Miklos
10:00-10:20	Country Review Italy	Paolo Dario
10:20-10:40	Country Review Serbia	Danijela Randjelović
10:40-11:00	Country Review United Kingdom	Nick Harris
11:00-11:20	Coffee Break	
Regular presentation: (Room Grigorescu)		
11: 20-11:35	Regular presentation: Microsystems for Bio-Medicine	Ion Stiharu, Canada
11:35-11:50	Regular presentation: The development on vibration-resistant physics package for chip-scale atomic clocks	Munehisa Takeda, Japan
11:50-12:05	Regular presentation: Flexible devices based on silicon technology	Paddy French, Netherlands

12:05-12:20	Regular presentation: EPoSS - European Technology Platform on Smart Systems Integration	Elisabeth Steimetz, Germany
12:20-12:35	Regular presentation: Funding of ECS technologies in Germany and Europe	Julia Kaltschew, Germany
12:35-12:50	Regular presentation	Saverio De Vito
12:50-13:00	Group Photo	
13:00-14:00	Lunch	
14:00-14:15	Regular presentation: A virtual fab for a future MEMS-fabrication?	Torsten Thieme, Germany
14:15-14:35	Country Review Benelux	Albert van den Berg
14:35-14:50	Regular presentation: Use of nanostructures for sensing applications	Sandra Bermejo, Spain
14:50-15:05	Regular presentation: NEMS and NOEMS for Energy-Efficient Computing	Yoshishige Tsuchiya, UK
15:05-15:20	Regular presentation: Advancements in Microelectronics Systems for Physics Detectors at ITAINNOVA	Fernando Arteché, Spain
15:20-15:30	Coffee Break	

15:30-15:45	Regular presentation: AI-enabled tactile solutions for collaborative robotics and wearable applications	Mariangela Filosa, Italy
15:45-16:00	Regular presentation: Piezoelectric MEMS – Device concepts and applications	Ulrich Schmid, Austria
16:00-16:15	Regular presentation	Antonio Lionetto, Italy
16:15	MMS 2023 - Conclusions	

May, 24th (Wednesday), Micromachine Summit Day 3

EEST Time

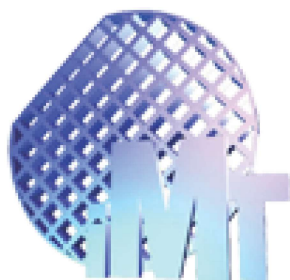
09:00-14:00 Technical Tour – Visit the Extreme Light Infrastructure Nuclear Physics (ELI-NP), Magurele, Ilfov, Romania.

Practical information about the social events and the Technical tour:

- **Welcome Cocktail** - May, 21st (Sunday)
Venue: **Grand Hotel Continental Bucharest Hotel**, h 20:00
- **Gala Dinner** - May, 22nd (Monday)
Venue: **Resort Casa Timiș**, Prahova, Romania (<https://casatimis.ro/en/>)
(<https://casatimis.ro/en/>)
Departure: from Grand Hotel Continental Bucharest, h 17:00
- **Technical Tour** - May, 24th (Wednesday)
Visit The Extreme Light Infrastructure Nuclear Physics (ELI-NP),
Magurele, Ilfov, Romania.
Departure: from Grand Hotel Continental Bucharest, h 09:00
Estimated return h 14:00
Lunch h 14:00 - Grand Hotel Continental Bucharest

MMS2023 Organizer

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Pages

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