

# MNE

EUROSENSORS  
19th - 23th SEPTEMBER  
2022

## ABSTRACT DEADLINE for LATE / BREAKING NEWS

Deadline for abstract submission: **June 20<sup>th</sup>, 2022**

The MNE-ES 2022 organizers are happy to inform both the MNE and Eurosenors communities that more than 550 abstracts were received by the deadline of May 9<sup>th</sup>. Thanks to all who filed an abstract: the review process is ongoing. We also were informed of many authors who could not finish their abstract in time.

It was therefore decided to open a **LATE SUBMISSION** window for abstracts, starting on June 10<sup>th</sup> and closing on June 20<sup>th</sup>, 24:00 ECT. There will be **NO EXTENSION** of this deadline.

[Click here to submit your abstract](#)

## EUROSENSORS related invited speakers



**Dr. Bilge Saruhan-Brings**  
German Aerospace Center (DLR)  
Germany

*Influence of Sensing Material  
Characteristics on Gas Sensor  
Properties*



**Prof. Manos Tentzeris**  
Argonne National Laboratory  
USA

*Additively Manufactured "Zero-  
Power" Wireless sensors for  
IoT, Smart Cities, Smart Skins  
and Next-Generation Healthcare*



**Prof. Dr. Andreas Schütze**  
Saarland University  
Germany

*High Performance Gas  
Measurement Systems  
Based on Microsensors*



**Prof. Frieder Lucklum**  
Technical University of Denmark  
Denmark

*Evolution and Future  
Perspectives of Phononic  
Crystal Sensors*



**Dr. Sonia Freddi**  
Università Cattolica del Sacro Cuore –  
Italy

*Electronic Noses Based on  
Nanostructured Carbon for  
Breathomics*



**Prof. Christofer Hierold**  
ETH Zurich  
Switzerland

*Concepts for Ultra Low  
Power Sensors*



**Prof. Dr. Ulrich Schmid**  
TU Wien  
Austria

*SiC Process Technologies  
for MEMS*



**Prof. Michael Devolder**  
University of Cambridge  
United Kingdom

*3D Carbon Nanotube  
Structures for MEMS  
applications*



## TUTORIALS

Tutorial lectures will take place on Monday 19<sup>th</sup> afternoon, from 1pm to 5:30pm ECT. The lectures will take place at the conference location. Tutorials are organized jointly by Prof. Stefan De Gendt (KULeuven, BE), Prof. Fred Roozeboom (University of Twente, NL) and Prof. Niels Quack (University of Sydney, AUS).

Two series of lectures are planned:

Ubiquitous Sensing with Micro- and Nano-Systems	
Topic	Lecturer
CMOS Integrated Sensing	Markus Graf, Hochschule Karlsruhe (DE)
Sensing Opportunities in Integrated Photonics	Wouter Westerveld, TU Delft (NL)
Neural Interfaces and Sensing	Maysam Chamanzar, Carnegie Mellon University (USA)
Sensing Opportunities with 2D Materials	Max Lemme, AMO Aachen (DE)

  

Atomic Layer Processing	
Topic	Lecturer
Atomic Layer Deposition and Molecular Layer Deposition Fundamentals, Conformality and In Situ Analytics	Jolien Dendooven, Ghent University (BE)
Selective-Area Deposition and Bottom-up Approaches	Silvia Armini, imec v.z.w. (BE)
Plasma Etching and Atomic Layer Etching	Angélique Raley, Tokyo Electron Ltd. (USA)
Industrial Perspectives of Atomic-Scale Processing Technologies	Harm Knoops, Oxford Instruments Plasma Technology (UK)

## MNE-ES registration desk is OPEN

The online registration is now open, please visit <https://mne-registration.org>

You will be able to register to attend the event, as well as the conference dinners (MNE-ES and PESH) and social activities (Welcome Party, Lab Tours and the Library Tower visit).

Authors who are accepted at the conference are invited to use the RSVP option to indicate that they will participate in the conference. Deadline for AUTHOR REGISTRATION is set on July 6<sup>th</sup>, 2022. Please respect this deadline to allow us to finalize the program in due time. The early bird rate will end on July 15<sup>th</sup>, 2022.

## VARIA

### MNE YOUNG INVESTIGATOR AWARD

Elsevier & the MNE-ES Conference are eager to honor and promote Young researchers active in the fields of Nanofabrication and Nanotechnology for Electronics, MEMS and Life Sciences. Submit your application BEFORE May 31<sup>st</sup> - [Journal Elsevier-Applications](#)



### MNE sister conference in ASIA: MNC conference

The 35<sup>th</sup> International [Microprocesses and Nanotechnology Conference](#) will be held in Tokushima, Japan, Nov. 8-11, 2022. Abstract deadline: June 1<sup>st</sup>, 2022.



## Our sponsors



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