



TRIESTE SIE-2021

Electronics:  
the science pervading  
our daily life



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# SIE-2021 TRIESTE

## 52ND ANNUAL MEETING OF THE ASSOCIAZIONE SOCIETÀ ITALIANA DI ELETTRONICA

The SIE-2021 Annual Meeting  
will be hosted at the  
University of Trieste  
Bldg. H3  
Via Valerio 12/2, 34127, Trieste  
July 7 – 9, 2021

SIE-2021 brings together electronic  
engineering scholars and PhD students from  
Italian universities and research centers.



Contacts

[sie-2021@dia.units.it](mailto:sie-2021@dia.units.it)

<http://sie-2021.units.it>

Wednesday, July 7	Thursday, July 8	Friday, July 9
11:00-14:00 <b>Registration</b>	08:40-10:00 <b>Oral Sessions</b> A: Optoelectronics and Photonics I B: Electronic Systems and Applications III	08:40-10:20 <b>ECSEL Italy</b> <i>The JU ECSEL in the perspective of the new Horizon Europe program</i>
12:40-14:00 <b>LUNCH</b>	10:00-10:40 <b>Invited Lecture</b> <i>Sergio Saponara</i> University of Pisa <i>Autonomous, Connected and Electrified Vehicle Revolution</i>	10:20-10:40 <b>COFFEE BREAK</b>
14:00-14:20 <b>Welcome Address</b>	10:40-11:00 <b>COFFEE BREAK</b>	10:40-11:20 <b>Invited Lecture</b> <i>Nicola Blefari-Melazzi</i> University of Rome Tor Vergata <i>5G: key issues and examples of application</i>
14:20-16:20 <b>Oral Sessions</b> A: Electronic Systems and Applications I B: Sensors, Microsystems and Instrumentation I	11:00-13:00 <b>Oral Sessions</b> A: Sensors, Microsystems and Instrumentation II B: Microwave Electronics	11:20-11:40 <b>Industry Presentation</b> <i>Alessia Ruggieri</i> Analog Devices <i>Analog Devices Graduate Program: a unique early career path</i>
16:20-16:40 <b>COFFEE BREAK</b>	13:00-14:20 <b>LUNCH</b>	11:40-12:00 <b>Industry Presentation</b> <i>Livio Tenze</i> ESTECO <i>ECG/EEG signals acquisition, a study case</i>
16:40-17:20 <b>Invited Lecture</b> <i>V. John Mathews</i> Oregon State University <i>Neuroprostheses for amputees and patients with spinal cord injuries</i>	14:20-15:00 <b>Invited Lecture</b> <i>Claudio Silenzi</i> Ferrari gestione sportiva <i>Electronics in Formula 1</i>	12:00-12:20 <b>Recognition &amp; Awards</b>
17:20-18:40 <b>Oral Sessions</b> A: Electronic Systems and Applications II B: Power Electronics	15:00-16:20 <b>Oral Sessions</b> A: Optoelectronics and Photonics II B: Micro and Nano Electronic Devices Integrated Circuits and Systems I	12:20-12:50 <b>IEEE Fellow Lectures</b> <i>Daniele Ielmini</i> Politecnico di Milano <i>In-memory computing: status and outlook</i>
	16:20-16:40 <b>COFFEE BREAK</b>	13:00-14:20 <b>LUNCH</b>
	16:40-18:40 <b>Oral Sessions</b> A: Optoelectronics and Photonics III B: Integrated Circuits and Systems II	14:20-15:00 <b>SIE Executive Board Meeting &amp; Open Discussion</b>
20:00 <b>WELCOME RECEPTION</b>	20:30 <b>SOCIAL DINNER</b>	17:30 <b>SOCIAL TOUR</b>