



Università degli Studi  
**Mediterranea**  
di Reggio Calabria



UNIVERSITÀ DEGLI STUDI DI NAPOLI  
**FEDERICO II**



UNIVERSITÀ  
DEGLI STUDI  
DEL  
**SANNIO**  
Benevento



# International Ph.D. Excellence School **ITALO GORINI 2021**

ON LINE / SEPTEMBER 06-10, 2021

## SCIENTIFIC COMMITTEE

- Bruno Andò**  
University of Catania, Italy
- Pasquale Arpaia**  
University of Naples 'Federico II', Italy
- Paolo Carbone**  
University of Perugia, Italy
- Pasquale Daponte**  
University of Sannio, Italy
- Claudio De Capua**  
University of Reggio Calabria, Italy
- Luca De Vito**  
University of Sannio, Italy
- Nicola Giaquinto**  
Polytechnic of Bari, Italy
- Piero Malcovati**  
University of Pavia, Italy
- Simona Salicone**  
Polytechnic of Milano, Italy
- Emilio Sardini**  
University of Brescia, Italy

## REGISTRATION

Interested attendees to the International Ph.D Excellence School "Italo Gorini" 2021 are requested to download the Application Form available on the website by July 31, 2021.

Students are required to register no later than August 21, 2021. The payment of the participation fee can be paid only by bank transfer, in accordance with the instructions reported on the website.

<https://www.gmee.org/gorini2021/registration>

## THE SCHOOL

The International Ph.D. Excellence School "Italo Gorini 2021" is the doctoral School promoted by the Italian "Electrical and Electronic Measurement" (GME) and "Mechanical and Thermal Measurement" (GMMT) associations.

The School activity will deal with a wide variety of issues related to the measurement. The School is aimed both at PhD students, as well as young people from research and industry fields.

The School will address both methodological issues, in the field of science and technology related to the measures and instrumentation, and advanced problems of practical interest. Special attention will be paid to the impact of measures on scientific and engineering context, strongly influenced by the evolution of technology in various sectors.

From one side the benefits that these technologies can offer to the development of innovative measurement systems is addressed, from the other the new open issues and the innovations introduced by the science of measurement are investigated.

The School will have a weekly duration and will be developed through lectures, seminars, conferences, as well as debates.

## PROGRAM

	Monday September 06	Tuesday September 07	Wednesday September 08	Thursday September 09	Friday September 10
09:30 - 11:00		<b>Keynote</b> Roberto Losito Engineering challenges in future particle accelerators for High Energy physics	<b>Roberto Troisi</b> Technology around the minimally invasive surgical approaches of the liver and pancreas and the impact of the virtual reality sensing	Piero Malcovati Microsensors, Microsystems and MEMS	<b>Final Examination</b>
11:00 - 11:30	Break	Break	Break	Break	Break
11:30 - 13:00	<b>Keynote</b> Pim Haselager Constructive Ethics in Engineering	<b>Stephan Russenschuck</b> Avatars and Twins: Measurement-Data Driven Field Simulations	<b>Paola Lanteri</b> Neurophysiology and neural engineering: from research to the development of functional biomarkers for innovative sensors	<b>Pedro Ramos</b> Electrical Impedance Measurements: Algorithms for impedance estimation and equivalent circuit parameters determination	<b>Closing Ceremony Certificate Delivery</b>
13:00 - 14:00	Break	Break	Break	Break	
14:00 - 15:30	<b>Tutorial</b> ST Microelectronics	<b>POSTER SESSION</b>  9 Best Selected PPT Presentation or ALL Poster Delivered	<b>M. Di Bernardo</b> Modeling, control and design of artificial avatars for human/machine interaction	<b>Simona Salicone</b> A general mathematical approach to represent measurement results	
15:30 - 16:00	Break		Break		
16:00 - 17:30	<b>Tutorial</b>		<b>Dominique Dallet</b> Far side of the adc: how to correctly cope with the digitization		



## CONTACTS



Website - [www.gmee.org/gorini2021](http://www.gmee.org/gorini2021)



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