

Call for Participants

1st International School on Internet of Things & Edge AI: Computing, Communications and Systems

Sept 8- 12, 2022, Falerna (CS), Calabria, Italy

Technical Sponsorship: GII, IEEE Italy Section (Chapters: SMC, Computer, VTS/ComSoc, SYS), PhD in ICT @ DIMES, ICAR-CNR

Scientific Committee

Giancarlo Fortino, University of Calabria, Italy
Sergio Greco, University of Calabria, Italy
Noel Crespi, Institut Mines Telecom, France
Min Chen, Huazhong University of Science and Technology, China
Mengchu Zhou, New Jersey Institute of Technology, USA
Pietro Manzoni, Universitat Politècnica de Valencia, Spain
Stefano Basagni, Northeastern University, Boston, USA
Franco Zambonelli, University of Modena-Reggio Emilia, Italy
Gandomenico Spezzano, ICAR-CNR, Italy

Local Organizers

Giancarlo Fortino, University of Calabria, Italy
Sergio Greco, University of Calabria, Italy

PhD Workshop Organizers

Raffaele Gravina, University of Calabria, Italy
Antonio Guerrieri, ICAR-CNR, Italy
Antonella Guzzo, University of Calabria, Italy
Michele Ianni, University of Calabria, Italy
Claudio Savaglio, ICAR-CNR, Italy

School Venue

Hotel EuroLido
Falerna (CS), Italy
<https://www.eurolido.it/>



<https://events.dimes.unical.it/iotschool2022/>

The school is organized by the University of Calabria, Italy, by the Department of Computer Engineering, Modeling, Electronics and Systems, under the auspices of GII (Gruppo Ingegneria Informatica: www.gii.it) and with the technical sponsorship from IEEE Italy section (specifically through the following Italian chapters: IEEE Systems, Man and Cybernetics, IEEE Computer, IEEE Vehicular Technology/Communications and IEEE SYS - System Council). The school is promoted also by the PhD in ICT of the DIMES (<http://dottorato.dimes.unical.it/>).

The school consists of a series of lectures given by leading scientists in the field of Internet of Things (IoT) and Edge AI, aiming at providing a comprehensive treatment from background material to advanced results. The school is specially directed to PhD students and young researchers interested to the diverse aspects of the methods, technology and applications of IoT and Edge AI with special emphasis on computing, communications and systems. The school aims at encouraging cross-disciplinary discussions between participants and speakers and also start new joint researches.

The **Workshop on IoT & Edge AI: Computing, Communications and Systems** is a side event, with respect to the School, sponsored by the School and technically co-sponsored by the IEEE SMC Chapter of the IEEE Italy Section. Its purpose is to allow school participants to share research activities and is open to all people and it is free of charge. During the workshop, slots for presentations by the participants are scheduled, and an award for the best presentation is also included. Participants may submit a 2-page paper and then give a poster presentation. Authors of presented papers will be invited for possible publication in a Book to be published in the Springer Book Series on IoT (Scopus-indexed). The workshop will be held on Sep. 12, 2022, in the morning.

Lecturers:

Jianhua Ma, Hosei University, Japan <i>From Personal Big Data to Personalized Intelligence</i>	Mengchu Zhou, New Jersey Institute of Technology, USA <i>Industry 4.0 and Smart Manufacturing</i>
Rajkumar Buyya, University of Melbourne, Australia <i>Cloud and Edge/Fog Computing for Big Data & Internet-of-Things Applications</i>	Kim-Kwang Raymond Choo, University of Texas at San Antonio, USA <i>Internet of Things Security and Forensics: Challenges and Opportunities</i>
	Tommaso Melodia, Northeastern University, USA <i>ML-based IoT and Drones: architectures, protocols, and security</i>

APPLICATION & REGISTRATION

Prospective participants have to submit their application including their name, affiliation, current position and short CV, here: <https://events.dimes.unical.it/iotschool2022/>. Applications are evaluated on a first come first serve basis and acceptance/rejection will be given soon to the applicant via email. We will accommodate a maximum of 30 participants. Registration fee is €100 and includes welcome kit, coffee breaks, lunches, and dinners, for all days, and one social event (social dinner included). In a few cases, according to the CV or to the participant's provenience country, we could waive the registration fee.

IMPORTANT DATES

Jul 1, 2022	Registration deadline
Jul 15, 2022	Poster Paper submission (not mandatory but strongly encouraged)
Sep 8-12 2022	School
Sep 12, 2022	Workshop