



SIE 2019

Rome, June 26-28

Sponsored by



TOR VERGATA



UNIVERSITÀ
DEGLI STUDI
DI ROMA

ROME

Maker Faire

THE EUROPEAN EDITION

The SIE2019 Annual Meeting
is hosted in Rome at
WeGIL

Largo Ascianghi 5, 00153, Roma.

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<http://www.sie-2019.uniroma2.it>

51ST ANNUAL MEETING OF THE ASSOCIAZIONE SOCIETÀ' ITALIANA DI ELETTRONICA

The SIE2019 Annual Meeting brings together
electronic engineering academics and PhD
students from all the Italian Universities.



Wednesday, June 26

10:30-13:00	Registration
10:30-11:30	SIE Governing Council
11:30-13:00	SIE Scientific Council
13:00-14:00	LUNCH
14:00-14:30	Welcome Address
14:30-15:15	Invited Lecture <i>Young Hee Lee</i> <i>Institute for Basic Science (IBS), Department of Energy Science & Department of Physics, Sungkyunkwan University (SKKU)</i>
15:15-15:30	Electronic Industry: Italy, what's next ? <i>Gabriele Braga, Director of Engineering, Arrow</i>
15:30-16:50	Oral Sessions I.a - Electronic Systems and Applications I I.b -Power Electronics
16:50-17:20	COFFEE BREAK
17:20-19:00	Oral Sessions II.a - Electronic Systems and Applications II II.b – Integrated Circuits and Systems

Thursday, June 27

8:40-10:00	Oral Sessions III.a - Microwave Electronics III.b - Micro- and Nano-Electronic Devices
10:00-10:30	Interactive Poster Session I
10:30-11:00	COFFEE BREAK (poster session I)
11:00-11:30	Teaching Electronics in Degree Courses: a possible syllabus <i>Paolo Pavan</i> <i>University of Modena e Reggio Emilia</i>
11:30-13:00	Round table: Future technology scenarios for the aerospace and security industry <i>Moderator: Ernesto Limiti</i>
13:00-14:00	LUNCH
14:00-14:30	Invited Keynote Lecture <i>Arnaldo D'Amico</i> <i>Emeritus, University of Rome Tor Vergata</i>
14:30-15:50	Oral Sessions IV.a Sensors, Microsystems and Instrumentation I IV.b Optoelectronics and Photonics I
15:50-16:20	Interactive Poster Session II
16:20-16:50	COFFEE BREAK (poster session II)
16:50-18:30	Oral Sessions V.a Sensors, Microsystems and Instrumentation II V.a Optoelectronics and Photonics II

Friday, June 28

09:00-09:30	Ju on KDT- key digital technologies <i>Bert De Colvenaer, JU ECSEL</i>
9:30-10:00	The ECSEL project “Digital Manufacturing” <i>Tommaso Giunti, FCA</i>
10:00-10:30	NEREID, a roadmap for Europe <i>Enrico Sangiorgi, Danilo Demarchi, Università di Bologna, Politecnico di Torino</i>
10:30-10:45	Recognitions and awards
10:45-11:15	COFFEE BREAK
11:15-12:15	IEEE Fellow Lectures <i>Luca Roselli, Università di Perugia</i> <i>Piero Tortoli, Università di Firenze</i>
12:15-13:15	Special session University, start-up and SME: a winning synergy
13:15-14:30	LUNCH
14:30-16:00	SIE General Assembly

19:30 **WELCOME RECEPTION**

20:30 **GALA DINNER**

17:00 **SOCIAL TOUR**