

IEEE Italy Section SMCS Chapter

SMC Italy Day @Automatica.it 2025 and Award for Excellence of Early Career Researchers 2025

by Laura Giarre and Graziana Cavone

This year, the IEEE SMC Italy Day was hosted by the National Conference Automatica.it 2025 of the SIDRA (Italian Society of Professors and Researchers in Automation), held in Perugia, 3-5 September 2025.

The IEEE SMC Italy Chapter has celebrated the IEEE SMC Italy Day by organizing a Special Session on 4th September 2025, titled “**SMCs-DAY: Data-Driven Control for Human-Machine Systems**”. The session was chaired by the President, Prof. Laura Giarre (University of Modena and Reggio Emilia) and the Secretary, Prof. Graziana Cavone (University of Roma Tre).

Session program

The session included eight technical contributions:

- Davide Tebaldi, Dario Onfiani and Luigi Biagiotti “Stability and Sensitivity Analyses in Variable Admittance Control for pHRI with Virtual Fixtures”
- Francesco De Lellis “On the Power of Modularity in Data-Driven Cognitive Architectures for Rich and Interpretable Human-Machine Interaction”
- Elisa Gaetan, Paolo Falcone and Laura Giarre “Autonomous Robot Safely Moving in a Crowded Human Populated Environment”
- Giada Lops, Gioacchino Manfredi, Vito Andrea Racanelli, Luca De Cicco and Saverio Mascolo “Safe Learning-based Automated Insulin Delivery for Personalized Type 1 Diabetes Treatment”
- Riccardo Kristen Simi, Yassine El Houm, Samuele Bordini, Giorgio Grioli, Lucia Pallottino and Maide Bucolo “BCI-Based Shared Autonomy with the Alter-Ego Assistive Humanoid in Domestic Settings”
- Antonio Spallone, Marco Coraggio, Francesco De Lellis and Mario di Bernardo “Online phase estimation of muldidimensional pseudo-periodic signals”
- Roberto Meattini, Alessandra Bernardini, Alessio Caporali, Gianluca Palli and Claudio Melchiorri “Towards Reliable And Accurate Myoelectric Interfaces For Human-In-The-Loop Control Of Robot Hands: On The Need For Minimally Supervised Machine Learning Approaches”
- Yike Li, Yin Tong and Alessandro Giua “Virtual Coupling Train Following Control Using High Order Control Barrier Functions”

At the end of the session the ***Excellence of Early Career Researchers Award 2025*** was recognized to **Claudio Savaglio** from **University of Calabria**. The evaluation and selection of the winner for the Award was carried out by the award committee composed of:

- Laura Giarre (Chair), *Università di Modena Reggio Emilia, Italy* (laura.giarre@unimore.it)
- Graziana Cavone, *Università di Roma Tre, Italy* (graziana.cavone@uniroma3.it)
- Giuseppe D'Aniello, *Università di Salerno, Italy* (gidaniello@unisa.it)
- Francesco Flammini, *SUPSI - University of Applied Sciences and Arts of Southern Switzerland, Switzerland* (francesco.flammini@supsi.ch)

According to the evaluation results, the committee unanimously decided to name Dr. Claudio Savaglio as the winner, with the following motivation:

“For the results achieved, the excellent research record, and the impact of his research activities in the key areas of the SMC society, particularly in the domain of Internet of Things, Edge Computing and Intelligent Cyber-Physical Systems, both in qualitative and quantitative terms.”

Dr. Claudio Savaglio provided an inspiring speech titled “IoT Continuum and Smart Heathcare: The ENTRUST Project”. In a symbolic gesture of passing the torch, the award plaque was presented to Dr. Savaglio by the 2024 awardee, Prof. Raffaele Carli.



The President of SMC Italy Chapter, Prof. Laura Giarre chairing the SMC Italy Day 2025.



The awardee Dr. Claudio Savaglio, is giving the lecture: “IoT Continuum and Smart Healthcare: The ENTRUST Project”.



Dr. Claudio Savaglio was awarded at the SMC Italy Day. From left to right: Prof. Laura Giarre, Dr. Claudio Savaglio, Prof. Graziana Cavone, Prof. Raffaele Carli.



Dr. Claudio Savaglio receiving the plaque from the previous year's awardee, Prof. Raffaele Carli.