

# SENSORCOMM 2017

## Forward

The Eleventh International Conference on Sensor Technologies and Applications (SENSORCOMM 2017), held between September 10-14, 2017 in Rome, Italy, was a multi-track event covering related topics on theory and practice on wired and wireless sensors and sensor networks.

Sensors and sensor networks have become a highly active research area because of their potential of providing diverse services to broad range of applications, not only on science and engineering, but equally importantly on issues related to critical infrastructure protection and security, health care, the environment, energy, food safety, and the potential impact on the quality of all areas of life.

In wireless sensor and micro-sensor networks energy consumption is a key factor for the sensor lifetime and accuracy of information. Protocols and mechanisms have been proposed for energy optimization considering various communication factors and types of applications. Conserving energy and optimizing energy consumption are challenges in wireless sensor networks, requiring energy-adaptive protocols, self-organization, and balanced forwarding mechanisms.

The conference had the following tracks:

- Deployments and implementations of sensor networks
- Performance, simulation and modelling of sensor networks
- Architectures, protocols and algorithms of sensor networks
- Sensor circuits and sensor devices
- Software, applications and programming of sensor networks
- Wireless sensor networks
- Wireless Body Sensor Networks and e-Health

We take here the opportunity to warmly thank all the members of the SENSORCOMM 2017 technical program committee, as well as all the reviewers. The creation of such a high quality conference program would not have been possible without their involvement. We also kindly thank all the authors that dedicated much of their time and effort to contribute to SENSORCOMM 2017. We truly believe that, thanks to all these efforts, the final conference program consisted of top quality contributions.

We also gratefully thank the members of the SENSORCOMM 2017 organizing committee for their help in handling the logistics and for their work that made this professional meeting a success.

We hope that SENSORCOMM 2017 was a successful international forum for the exchange of ideas and results between academia and industry and to promote further progress in the area of sensors and sensor networks. We also hope that Rome, Italy provided a pleasant

environment during the conference and everyone found some time to enjoy the historic charm of the city.

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