

# Preface

The 7th EAI International Conference on Sensor Systems and Software—S-CUBE 2016—an international conference in the field of sensors systems, hardware, software, and applications, was held during December 1–2, 2016, in Sophia Antipolis, Nice. The conference broadly focuses on the design, development, and optimization of sensor systems, and this international event provides the opportunity for researchers, technologists, and industry specialists in sensor systems and software to meet and to exchange ideas and information. The conference gave researchers an opportunity to discuss new technologies, interesting approaches, and hardware and software methods for sensing systems and their applications. The proceedings of S-CUBE 2016 are published by Springer in the series *Lecture Notes of the Institute for Computer Sciences, Social Informatics and Telecommunications Engineering* (LNICST).

This seventh edition of the conference was very rich and varied. The Technical Program Committee accepted 15 high-quality technical papers, which were presented at the conference. Each paper had at least two reviews. This year we chose four invited speakers: Daniela De Venuto, associate professor at Politecnico di Bari, Italy; Matthieu Gautier, associate professor at IRISA, University of Rennes; Mojtaba Masoudinejad, research associate at University of Dortmund; and Stephan Mach, PhD student at ETH Zurich. Their excellent talks focus on hot topics of sensor systems and a related paper is published in this volume.

S-CUBE 2016 was organized by the European Alliance for Innovation (EAI), ETH Zurich, and University Nice Sophia-Antipolis. The conference would not be successful without the hard work of many persons. First, our thanks go to the members of the conference committees and the reviewers for their dedicated and passionate work. In particular, the local and program chairs, Prof. Fabien Ferrero and Prof. Leonardo Lizzi, and the general chair, Dr. Michele Magno, for their important support to make the conference a successful event. It is also important to mention the Technical Program Committee Co-chairs, Dr. Emanuel Popovici and Prof. Vedran Bilas, for their support and effort in attracting a large number of submissions from around the world. We also thank Ms. Anna Horvathova and Ms. Sinziana Vieriu of EAI for their hard work and dedication in taking great care of the conference organization. Last, but not the least, our sincere thanks to the Steering Committee member, Andrey Somov, for his steady guidance and help. We are grateful to all the authors who have submitted papers to the conference, for none of this would happen without their valuable contributions. We would also like to thank our sponsors for their support and University Nice Sophia Antipolis for hosting us in this wonderful location.

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