We are very pleased to present the proceedings of the Second IEEE International Conference on Smart Computing (SMARTCOMP 2016), held in St. Louis, Missouri, USA, on May 18-20, 2016.

Smart computing is emerging as an important multidisciplinary area, which can be broadly classified into two major topics: how to design and build smart computing systems, and how to use computing technology for resource sustainability to improve the human experience. Applications of smart computing span different business areas including, but not limited to, transportation, energy, environmental protection, resource management, healthcare, security, and social media. The advancement of cloud computing, mobile/pervasive computing, cyber-physical systems, sensor networking and social computing are bringing smart computing to a newer dimension and improving our ways of living. With the theme “Smart Living through Computing”, IEEE SMARTCOMP 2016 is intended to be a forum for the presentation and exchange of cutting-edge ideas on smart computing.

In response to the Call for Papers, we received about 50 original submissions from 12 countries located in four different continents. A thorough review process was conducted by the members of the Technical Program Committee (TPC) which allowed us to collect at least three independent reviews per submission. From the set of submitted manuscripts we selected 17 full papers -- plus 6 concise contributions -- to be presented in 10 technical sessions including a Best Paper session. The final program is enriched by two keynote speeches and two special sessions devoted to the presentation of relevant research activities in the field of smart systems and smart cities, respectively. It also includes a poster session for the presentation of Work in Progress activities and Demonstrations, and a PhD Forum. The technical program is, overall, high quality and diverse as it addresses different aspects in the broad area of smart computing.

The final result would not have been possible without the invaluable contributions of a number of colleagues. We would like to acknowledge the great work carried out by: the publicity co-chairs Peng Cheng, Tao Gu, Nirmalya Roy, and Marco Tiloca; the publication chair Mario Di Francesco; the registration chair Maciej Zawodniok; the local arrangements co-chairs Prasenjit Shil and Yoelit Heibert; and the web manager Dawn Davis. Special thanks to the panel chair Klara Nahrstedt, the keynote chair Chenyang Lu, the WIP/Demo/PhD Forum co-chairs Hassan Ghasemzadeh and Sejun Song, workshops co-chairs Jamie Payton and Zhiwen Yu, and the Industry Liaison Chair Prakash Shahi. We wish to express our gratitude also to people involved in the review process, i.e., TPC members and external reviewers, for their competence and dedication. Finally, our most sincere thanks to all the authors who, ultimately, made the conference a successful and stimulating event. Enjoy the conference at the beautiful city of St. Louis!

Diane Cook
Sajal K. Das
(General Co-chairs)

Giuseppe Anastasi
Qi Han
(Program Co-chairs)