ICIOT 2017

Message from the General Chairs

After several fits and starts, the research area of Internet of Things (IoT) has reached significant maturity and critical mass. Behind this progress is a convergence of technologies that include: generic wireless sensors (e.g., smartphones), high speed networks (both wired and wireless), large scale data centers and computing clouds, big data from many sources, and smart applications such as Smart Cities. The ICIOT is part of the Services Conference Federation (SCF) 2017, sponsored by the IEEE Computer Society Technical Committee on Services Computing (TC-SVC) and the Services Society (SS). The SCF, and ICIOT in particular, will promote and explore the convergence of areas contained in SCF, and will celebrate the research accomplishments of the community along with other events to explore "Services" (Science and Technology), as promoted by the IEEE Computer Society.

The area of IoT is driven by the reality of an exponential growth in the number of smart sensors that are being connected to the Internet. GPS enabled smart phones are perhaps the more ubiquitous type of sensors connected to the Internet, but an increasing diversity of sensors such as thermostats, cameras, cars, and even home appliances can today capture their environment and communicate it through the Internet. In turn, data collected from IoT sensors can be analyzed with cloud-based big data analytics to reveal patterns, trends, and associations, which can be used to make smart decisions that benefit the community at large. IoT is an interesting, exciting, and growing area of research with practical impact.

We would like to thank the many contributors who have worked very hard to make the entire SCF so successful. The Program Committee members and referees deserve special credit for producing an excellent final program that resulted from the diligent reviews of many worthy submissions. Special thanks go to the program chairs, Hemant Jain and Manish Parashar, and to all other organizing committee members. We hope you enjoy the conference and contribute to future ICIOT events as authors, speakers, panelists, volunteers, and conference organizers. ICIOT belongs to you, the attendees of the conference, the readers of the proceedings, and to our research communities at large, and we sincerely invite your participation!

General Chairs

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