IEEE International Conference on Communications
IEEE ICC 2014
Communications: The Centrepoint of the Digital Economy
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Selected Areas in Communications Symposium

Internet of Things Track

Track Chair

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The 2014 IEEE International Conference on Communications (ICC) will be held in the beautiful city of Sydney, Australia between 10 and 14 June 2014. The theme of this flagship conference of IEEE Communications Society for 2014 is "*Communications: The Centrepoint of the Digital Economy*." The conference will feature a comprehensive technical program including twelve Symposia and a number of Tutorials and Workshops. IEEE ICC 2014 will also include an attractive expo program including keynote speakers, and Industry Forum & Exhibitions (IF&E). We invite you to submit your original technical papers, industry forum, workshop, and tutorial proposals to this event. Accepted and presented papers will be published in the IEEE ICC 2014 Conference Proceedings and in IEEE Xplore®. Full details of submission procedures are available at http://www.ieee-icc.org/2014.

Scope and Topics of Interest

The Internet of Things track will focus on future technologies and research challenges associated to new applications and services bridging the physical and virtual worlds. The Internet of Things is a key enabler for the realization of the new M2M initiative as it allows for the pervasive interaction with/between smart things leading to an effective integration of information into the digital world. These smart (mobile) things - which are instrumented with sensing, actuation, and interaction capabilities - have the means to exchange information and influence the real world entities and other actors of a smart city eco-system in real time, forming a smart pervasive computing environment. The objective is to reach a global access to the services and information through the so-called Web of Things and efficient support for global communications.

To ensure complete coverage of the advances in this field, the Internet of Things Track solicits original contributions in, but not limited to, the following topical areas:

- Future technologies bridging the physical and virtual words
- Architectures for the Internet of Things
- Machine to Machine (M2M) protocols
- Cloud computing and IoT internetworking
- Web of Things and Semantic

- Embedded Web Services
- Mobile integration of the Web of Things
- Adaptation of legacy technologies and RFID to IPv6
- Lightweight structured data (EXI, JSON…)
- Indexing, naming, and addressing the Internet of Things
- Intelligent data processing for the IoT
- Experiences with Open Platforms and hardware within IoT
- Novel concepts such as Crowd-sourcing
- User-oriented, context-aware IoT services
- Semantic technologies for devices and services
- Integration of the Handle System
- Security, Trust, Privacy and Identity in the IoT
- Building automation and smart buildings
- New services through mobile computing and smart phones interaction
- Experiences and field trials of IoT applications: Smart cities, digital homes, smart grid, e-health, agriculture and environment, manufacturing, logistics, social networking, etc.

Submission Guidelines

Prospective authors are invited to submit original technical papers by the deadline 15 September 2013 for publication in the IEEE ICC 2014 Conference Proceedings and for oral or poster presentation(s). All submissions should be written in English with a maximum paper length of Six (6) printed pages (10-point font) including figures without incurring additional page charges (maximum 1 additional page with over length page charge if accepted).

Standard IEEE Transactions templates for Microsoft Word or LaTeX formats found at

http://www.ieee.org/portal/pages/pubs/transactions/stylesheets.html

Alternatively you can follow the sample instructions in template.pdf at

http://www.comsoc.org/confs/globecom/2008/downloads/template.pdf

Only PDF files will be accepted for the review process and all submissions must be done through EDAS at

http://edas.info/

Khaled Boussetta is associate professor at University Paris 13, France, since September 2004. In September 2012, he joined the CITI lab at INSA Lyon as INRIA sabbatical researcher. He received a master degree in Computer Science from University Paris 6 and a Ph.D. degree in Computer Science from University of Versailles. He was in 2001 a visiting researcher at the Network Research Lab at UCLA and in 2003 a postdoc researcher at the computer science laboratory (LIP6) at University Paris 6. His present research interests include Wireless Multi-Hops technologies (WSN, Mesh, VANET), Urban networks, ITS, Multimedia and Clouds. He published over than 60 referred journal and conference papers. He is actively involved in the community as a conference chair, TPC member, and a reviewer for many conferences and journals.