

## Internet of Things and Sensor Networks

### Series Topic

#### CALL FOR PAPERS

The Internet of Things (IoT) undergoes a fundamental transformation as an increasing diversity of intelligent devices are being connected to it. Underpinning this global development, the Series on IoT and Sensor Networks of the *IEEE Communications Magazine* aims at bringing together the latest academic and industrial research within the rapidly maturing IoT ecosystem. The Series profoundly explores the concept of IoT and sensor networks, highlights the recent research achievements therein, as well as provides insights into the theoretical and practical matters related to breakthroughs in this field from different perspectives. We welcome contributions on the emerging IoT topics that support prospective ‘critical’ IoT applications as well as on further evolution of the conventional ‘massive’ sensor network based enablers. The submissions should be tutorial in nature and significantly advance the state-of-the-art in the topics on IoT and sensor networks, which include but are not limited to:

- System architecture and protocol design (access, mobility, routing, scalability, etc.)
- New communication and sensing devices for IoT
- Enabling communication technologies (e.g., wireless, optical, acoustic, molecular, quantum)
- Novel Internet of Everything (IoE) paradigms (e.g., Internet of Bio-Nano Things, Internet of Vehicles, Internet of Drones, Internet of Space)
- Converged communication, computing, and storage technologies for IoT
- Integrated communication, positioning, navigation, and control in IoT
- Energy efficiency, energy harvesting, power management, and green operation
- Smart objects, devices, environments, middleware, platforms, and tools for IoT applications
- Analysis, simulation, testbed, and measurement campaigns
- Emerging applications (e.g., IoT for Agriculture, Smart City, Smart Energy, Smart Health, Smart Transport, Public Safety, Humanitarian Technologies, Industry 4.0, Society 5.0)
- Socio-economic, security, standardization, policy, and regulatory aspects of IoT

#### SUBMISSION GUIDELINES

Manuscripts must be submitted through the magazine’s submissions Website at <http://mc.manuscriptcentral.com/commag-ieee>. You will need to register and then proceed to the author center. On the manuscript details page, please select **Internet of Things and Sensor Networks Series** from the drop-down menu. All manuscripts should conform to the standard format as indicated in the submission guidelines at <http://www.comsoc.org/commag/paper-submission-guidelines>.

#### GUEST EDITORS

**Ozgur B. Akan**, University of Cambridge, UK  
[oba21@cam.ac.uk](mailto:oba21@cam.ac.uk)

**Sergey Andreev**, Tampere University of Technology, Finland  
[sergey.andreev@tut.fi](mailto:sergey.andreev@tut.fi)

**Ciprian Dobre**, University Politehnica of Bucharest, Romania  
[ciprian.dobre@cs.pub.ro](mailto:ciprian.dobre@cs.pub.ro)