Call for papers   **Special Issue on**

Wireless and Mobile Sensing Technology for the Future Internet

Advances in wireless technologies have transformed our societies and have become an integral part of how people live and conduct business. Moreover, many of the portable computation and communication devices and personal electronic gadgets have become loaded with a variety of sensing circuitry to improve user interaction and enable context aware operation. These wireless and mobile sensing devices integrate human with their environment more than we ever thought possible. Internetworking of wireless and mobile sensing devices constitutes the concept of the future internet or the internet of things, where a large heterogeneous set of these devices are closely coupled to enable an intelligent management of many aspects of our daily activities. Example applications include environmental monitoring, health-care, smart-home, smart-grids, and smart-cities The networking of these devices not only provides a flexible and robust information gathering platform, but also greatly improves the reliability and efficiency of contemporary manufacturing, scientific and military systems. The objective of this special issue is to report on the latest research results and exciting developments on Wireless and Mobile Sensing Technology in the Future Internet (WMSTFI). Topics of interest include but are not limited to:

- WMSTFI architectures, protocols, and algorithms.
- Integration and coexistence strategies of heterogeneous wireless networks.
- Data management in WMSTFI.
- WMSTFI performance, simulation, modeling and case studies.
- Security and safety issues.
- New applications for WMSTFI.
- WMSTFI prototypes and test-beds.
- Mobility Management in WMSTFI.
- Power-Aware, Low-Power and Energy-Efficient Designs.
- QoS Management and Quality-of-Service Issues.
- MAC layer design for wireless sensor networks and WMSTFI.
- Developments platforms and tool support for WMSTFI.
- Integration of RFID and wireless sensor networks.
- Integration of IP6-based wireless sensor networks with Smartphones.
- Integration of cloud-based platforms with WMSTFI.
- WMSTFI for smart applications.
- Participatory sensing and crowd sourcing
- Machine-to-Machine communications

Guest Editors

- **Abdelouahid Derhab**, King Saud University, Saudi Arabia
- **Mohamed Guerroumi**, USTHB University, Algeria
- **Mohamed Younis**, University of Maryland Baltimore County, USA

All papers must be submitted at the Editorial manager site https://www.editorialmanager.com/ante/. A guide for authors in preparing their papers is available at https://annalsoftelecommunications.wp.mines-telecom.fr/how-to-publish/. All submissions must be original and not currently under review for publication elsewhere. The special issue will invite extended versions of the selected papers presented at the WMSFTI 2015 workshop held in conjunction with MobiSPC 2015, but we will also strongly encourage researchers unable to participate in the workshop to submit papers for this call.

Proposed schedule

- **Manuscript submission**   ~~January 10, 2016~~   **Extended deadline: January 31st, 2016**
- **First Decision Notification** ~~April 10~~ **May 1st**, 2016   • **Final Manuscript Due**   September 10, 2016
- **Revised Paper Submission**   June 10, 2016   • **Online with DOI**   As soon as accepted
- **Final Decision**   August 10, 2016   • **Printed issue**   January-June 2017