

23rd International Conference on Telecommunications

ICT2016 "Expansion to Small"

May 16 - 18, 2016

Thessaloniki, Greece | Makedonia Palace Hotel

Technical Sponsorship



Special Session

Challenges for the Internet of Things

Organizers: **Philip Davis**, *Bournemouth University, UK*, **David Newell**, *Bournemouth University, UK*.

Call for Papers

The growth of the Internet of Things IoT, mobile and ubiquitous computing and software defined networking technology has enabled the sensing, management and control of a wide range of physical devices and information gathering through computers. Business models are being redefined to take on board the new paradigm of IoT. To maximize the social and economic benefit of the technology, issues of interoperability, mashing up data, developing open platforms and standardization across technology layers have to be addressed.

This IoT Special Session at ICT2016 is seeking original, high impact research papers/posters as well as work in progress on all topics related to the development, implementation, control, adaption and ethics of the Internet of Things and the challenges to society which this now represents. Papers will be reviewed and selected based on technical quality, originality, analysis, challenge-impact and solutions.

Recommended topics of submission include (but not limited to)

- IoT Security
- Data collection, management and analytics on massive amount of physical IoT data stream
- Convergence of IoT and IT systems
- Challenges of real world deployments of IoT
- IoT Architecture: Cloud and Fog Computing.
- Redundancy and Resilience
- Ruggedization of Mobile Infrastructure
- Advanced data capture: Identification, access, localization and image recognition
- Interoperability of IoT systems: semantic data description frameworks
- Service and device discovery
- synchronization of distributed directory systems
- Social Acceptance of IoT Systems
- Ethical Issues of IoT
- Data security, authentication and authorization
- Privacy protection and tampering avoidance and detection

Prospective authors are invited to submit high-quality original technical papers following the rules of the Main Track of ICT 2016 for presentation at the conference and publication in the **ICT 2016 Proceedings** and **IEEE Xplore**, via EDAS, using <https://edas.info/newPaper.php?c=21703&track=78911>.

Important dates

Paper submission deadline: **February 20, 2016**

Notification of paper acceptance: **March 5, 2016**

Camera Ready Papers: **March 15, 2016**

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