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**CALL FOR PAPERS.** The aim of this conference is to provide a forum for researchers and technologists to present new advances and contributions in the form of keynotes, tutorials, workshops as well as regular and special sessions with the objective to share ideas and progress in wireless communications, networking and signal processing employed to support the needs of the information society. This twenty fifth edition of the ICT event will bring together various wireless communication systems developers to discuss the current status, technical challenges, standards, fundamental issues, and future services and applications. ICT'2018 seeks to address and capture highly-innovative and state-of-the-art research from academia, wireless industry as well as recent advances in standardization. The topics of interest include but are not limited to the following:

- Fifth generation (5G) mobile communications
- Heterogeneous networks and small cells
- Big data networking
- Software radio
- Protocols, architectures and applications for the Internet of things
- Network functions virtualization and software defined networking
- Green communications and energy efficiency
- Self - organizing/self - deploying networks
- Cognitive radio and networks
- Wireless sensor and actuator networks
- D2D and M2M communications
- Ad - hoc communications
- Cooperative communications
- Multi-antenna and beamforming systems
- Game theory for communications
- Signal processing for communications
- Wireless communication testbeds, measurements and modelling
- Optical networks and converged optical-wireless networks
- ICT for smart cities
- Smart grid communications
- Powerline communications
- Vehicular networking
- Pervasive and mobile computing
- Cloud computing
- Satellite & space communications
- Emerging WLANs, WPANs and WMANs
- Optical communications and technologies
- Wireless optical communications and VLC
- Information theory, channel coding and joint source channel coding
- Network coding techniques
- Image processing, video compression and coding
- QoS provision and management
- Metrics and models for QoE
- Multimedia and virtual reality
- Cryptography and network security
- Standards for communications and networking
- Terahertz communications

**Call for Workshops and Tutorials:** Proposals for workshops and tutorials are solicited on hot topics for future wireless communications and 5G concepts.

**Paper Submission Guidelines** – Acceptance will be based on full paper (5 pages +2 extra pages max). All accepted and registered papers included in the final programme will appear in the IEEE Xplore database and other indexing databases. The submission has to be performed electronically via the EDAS paper management at:

<https://edas.info/newPaper.php?c=23880>

### Important Dates

Special session and workshop proposals: **22<sup>nd</sup> January 2018**

Acceptance notification: **2<sup>nd</sup> February 2018**

Regular submission deadline: **22<sup>nd</sup> January 2018**

Notification of acceptance: **23<sup>th</sup> March 2018**

Camera-ready deadline: **6<sup>nd</sup> April 2018**

