24th International Conference on Telecommunication
ICT 2017 "Intelligence in every form"

May 3-5, 2017
Limassol, **Cyprus**
St. Raphael Resort

IEEE ComSoc™
IEEE Communications Society

Organizing Committee

General Chairs:
Hamid Aghvami
King's College London
Georgios Ellinas
University of Cyprus

Technical Programme Chairs:
Christos Verikoukis
CTTC Spain
Vasos Vassiliou
University of Cyprus
Luis M. Correia
IST-University of Lisbon
Paolo Bellavista
University of Bologna

Workshops & Tutorials Chairs:
Homer Papadopoulos
NCSR Greece
Panayiotis Kolios
University of Cyprus

Publicity Chairs:
Mona Ghassemian
Shahid Beheshti University
Ioannis Psaras
University College London
Michael Sirivianos
Cyprus University of Technology

Publication Chairs:
Symeon Chatzinotas
University of Luxembourg
George Kamel
University of Surrey

Important date

Paper submission deadline
February 26, 2017 - Final

Notification of acceptance
March 26, 2017

Camera ready deadline
April 2, 2017

Call for Papers

The Mediterranean coastal city of Limassol in Cyprus, a top holiday destination, is hosting the 24th International Conference on Telecommunications. This year's theme focuses on intelligence built into devices, systems, and processes. The ample computation, communication and sensing/actuation capabilities offered by increasingly miniaturized and low-cost electronic devices are enabling a myriad of new applications with transformative implications to numerous economic sectors. We have reached a point where intelligence built into these devices enables, for example, the realization of affordable and useful smart homes and smart grids, autonomous vehicles, and unmanned aerial systems; all of which have tremendous impact on their own but more importantly in conjunction with each other.

ICT 2017 invites world-class researchers to share their ideas and progress in addressing challenges faced in this increasingly intelligent realm of information and telecommunication technologies as part of a rich conference program including Plenary Talks, Tutorials, Workshops as well as Regular and Special Sessions.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

Main topics of interest include, but are not limited to:

- Next generation (5G) mobile communications
- Heterogeneous networks and small cells
- Big data networking
- 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
- Molecular, biological and multi-scale 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