

The Sixth International Conference on Communications and Networking (ComNet'2017)

IEEE

March 29th – April 1st, 2017, Hammamet, Tunisia

Important Dates:

Extended deadline (firm): November 14, 2016

Final Notification: January 16, 2017

Camera Ready: January 31, 2017

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The **Sixth** International Conference on Communications and Networking (ComNet'2017) is organized by MEDIATRON and SUP'COM. ComNet'2017 aims at bringing together ICT researchers from northern and southern countries to meet, exchange ideas and expertise, initiate and strengthen cooperation between them on topics related to communications and networking. It positions itself as a platform to researchers and practitioners both from academia and industry to meet and share cutting-edge research and developments in these fields.

ComNet'2017 will provide an excellent international forum for sharing knowledge and research innovative results in theories, models and applications in different topics related to *communications and networking*, both in *wired and wireless networks*, from a *theoretical as well a practical* point of view. Original papers are invited on topics related to wireless networks, network protocols, data communication technologies, mobile services/architectures and network security. Authors are solicited to contribute to this conference by submitting articles that illustrate research results, projects, surveying works and industrial experiences that describe significant advances in the following areas, but not limited to:

Networking

5 Generation mobile networks
Heterogeneous wireless networks
Adhoc, sensor, relay and mesh networks
High speed networks
Measurement and performance analysis
Mobile and broadband wireless internet
Mobile networks and wireless LAN
Multimedia networking
Network architectures
Network-based applications
Network operations and management
Network protocols and wireless networks
Network security
Networked systems and applications
Cloud RAN
Next generation internet
Next generation web architectures
Optical networks and systems
Self-organizing networks (SON)
Small cells in 4G and 5G networks
Vehicle-to-vehicle/roadside/internet networking
Social networks
Millimeter waves propagation and characterization for 5G
Cognitive networking
Delay tolerant networks
Software Defined Networks (SDN)
Network Functions Virtualization (NFV)

PHY Communications

Signal processing for communications
Wireless communications
Cross-layer design
Cooperative networks
Adaptive modulation and coding
Multiple access techniques
Cognitive radio
Space-time coding
Turbo-processing
Network coding
Wireless sensor networks

5 G Services and Architectures

5G Architectures and platforms
Service discovery and integration
Service dynamic management
Policies and models for deployment
Supervision and control
QoS management
Security, Fault tolerance and safety
Convergence, control and management
Application services oriented networks
Internet computing
Mobile Cloud computing
Virtualization and NFV
Big Data
Content management and delivery
Internet of Things
Disruptive innovative applications

Paper Submission

Authors are invited to submit papers, not exceeding 4000 words (8 pages using 10-point type) for the conference by **November 14, 2016** (for more details, visit www.supcom.mincom.tn/ComNet2017). Submissions must be original and should not have been published previously or be under consideration for publication while being evaluated for this conference. All accepted papers will be published in IEEE Xplore. If you need any further information, please contact us at : comnet@ieee.tn