

- Vulnerability of systems and circuits
- Digital EMC modeling
- Microwave device modeling
- Power amplifier devices and circuits
- Low noise components and receivers
- Optical Communications
- Optoelectronic devices and All-optical networks
- Remote Sensing System
- RF devices for Wireless health care applications

B- ELECTRONIC & MULTIMEDIA

- Digital, analog, RF, mixed, asynchronous circuit design
- Transducer design
- Low-voltage, low-power, performance-driven, reliability-driven,.....
- Power and spectral efficiency
- Digital Image/Video Processing , Multimedia Systems, Image
- Video Processing & Patterns recognition
- Mobile devices
- Multimedia broadcasting overall system and standardization
- Multimedia signal compression and coding for broadcasting
- Multimedia streaming and control
- IPTV with broadcasting

C- EMBEDDED & INTELLIGENT SYSTEMS

- Custom, semi-custom, ASIC, programmable circuit design
- Processor, co-processor, multi-processor, memory design
- High-level, logic, layout and test synthesis
- Robotics
- Pervasive computing and ambient intelligence
- Intelligent Web
- Requirements Engineering
- Cloud Applications and Computing
- Web Engineering and Services
- Distributed Systems
- Model Driven Engineering
- Software Quality
- Software Processes and Methodologies
- Bioinformatics
- Neuroinformatics
- VLSI architecture
- Systems on-chip
- Design and implementation of embedded software
- Formal modeling and verification
- Embedded Parallel Processing
- Model- & component-based software design & analysis
- Robust implementation of control systems
- Scheduling and execution time analysis
- Operating systems and middleware
- Energy-efficient embedded software
- Embedded software security
- Application areas, e.g.
- Automotive, avionics, energy
- Health care
- Multiprocessor and multicore architectures and algorithms
- New technologies & innovation system applications
- Specification, verification, and testing: tools
- Methodologies, Multiprocessor and multicore architectures and algorithms

E- RENEWABLE ENERGY

- Biomass Geothermal, Hydraulic
- Energy storage & management
- Fuel cell, biogas
- Heat Transfer & Thermal Energy
- Materials, semiconductors
- Photovoltaic energy & Solar Energy
- Wind Energy , Solar Energy & Energy and Smart-System

Registration Fees

Country	Participant	Before March 31th, 2017	After March 31th, 2017
Morocco	Students	160 EURO	200 EURO
Morocco	Academics	250 EURO	300 EURO
Other countries	Students	250 EURO	300 EURO
Other countries	Academics	300 EURO	350 EURO

Sponsors



IMPORTANT DATES

Paper submission deadline: ~~January 31, 2017~~

February 12, 2017

Notification of acceptance: ~~March 15, 2017~~

March 21, 2017

Final Paper Submission deadline April 10th 2017

Conference Dates: April 19-20, 2017

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About WITS-2017

Both the First, the Second and the third editions of the international conference on Wireless Technologies, embedded and intelligent Systems (**WITS-2014** , **WITS-2015** and **WITS-2016**) were held at Fez and Kenitra in Morocco. The fourth international conference WITS-2017 will be held at Fez in Morocco on 19-20 April, 2017. Following the great success of the First, the Second and the third editions events WITS-2014, WITS-2015 and WITS-2016, WITS-2017 offers the opportunity for institutes, research centers, engineers, scientists and industrial companies, from many countries, to share their latest research results in the field of Wireless Technologies, embedded and intelligent Systems All presented papers will be published in the conference proceedings and indexed by **IEEE Xplore Digital Library** .

Extended version of the presented paper in the conference will be considered for possible publication in the following four reputed journals:

- **International Journal of Information and Communication Technology**

- **Mediterranean Telecommunication Journal (RMT)**

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TOPICS

A- TELECOMS & WIRELESS NETWORKING

- Wireless Communications Basics
- Traffic and congestion control
- QoS, Resource Management and Performance Evaluation
- Security in wireless and mobile, environment
- Networks convergence and integration
- Wireless and mobile network deployment
- Wireless Networks & Cloud computing
- Networks: protocols, architectures, services, applications, Mobile
- 4G and 5G networks, Cellular networks, Wimax networks
- Security in Network, cryptographic protocols
- Network Coding
- Advanced Signal Processing
- Transmission systems
- Broadcast and Multicast Systems
- Smart antenna systems
- Antennas and Propagation
- Radar systems
- RFID technologies
- Satellite & Space Communications
- MIMO & Cognitive Systems
- Electromagnetic coupling in the structures and systems
- Techniques and measurement systems