

# The 2014 International Symposium on Networks, Computers and Communications

## ISNCC 2014

June 17-19, 2014, Hammamet - Tunisia

<http://sites.google.com/site/ISNCC2014>

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The International Symposium on Networks, Computers and Communications (ISNCC) covers theoretical and practical aspects related to Information Systems, Communication Networks and Computing Technologies. This symposium addresses these major scientific topics with deep industrial, economic and societal issues, far beyond the framework of the communication networks and their role in the evolution of our modern societies.

### Important Due Dates

Paper Submission: February 16, 2014

Author Notification: March 30, 2014, Camera-ready submission: April 11, 2014

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### ISNCC 2014 Tracks

#### PHY-Layer Communications and Signal Processing

Adaptive Antennas and Beamforming  
Multi-Antenna and MIMO Systems  
Transmitter and Receiver Techniques  
Cognitive Radio and Dynamic Spectrum Access  
Convergence of Wireless Systems  
Cognitive Radio and Dynamic Spectrum Access  
Modulation, Coding, and Diversity Techniques  
Channel Estimation, Modeling and Equalization  
PHY-Layer Security  
Wireless Communications Testbed Development  
Signal Processing Interfaces in Cognitive Radio  
Speech, Image and Video Signal Processing  
Blind Signal Processing for Communications  
Spectrum Shaping and Filters  
VLSI and RF Circuits for Wireless Communications

#### Information Technology, Services and Architecture

Cloud and Cluster Computing  
Hybrid Information Technology  
Intelligent and Pervasive Applications  
Bioinformatics and Bio-Inspired Computing  
Knowledge System and Intelligent Agent  
Game and Graphics  
Human-centric Computing and Social Networks  
Engineering Applications of IT  
Emerging Wireless/Mobile Applications  
Context and Location-Aware 4G Services  
Service discovery and integration  
Adaptive Services management  
Policies and strategies for deployment  
Supervision and control  
SIP Based convergent services  
Content Distribution  
Internet computing  
Virtual Organizations and Business Processes  
NGOSS and tools  
Supervision and Control

#### Networking, Communications and Security

Cellular Systems, 3G/4G and beyond  
Wireless Ad hoc, Mesh and Sensor Networks  
Reconfigurable Wireless Networks  
Resource and Mobility Management  
Cross-Layer Design and Optimization  
Performance Analysis and QoS Provisioning  
Network Planning, Capacity Analysis, and Monitoring and Network Management Algorithms  
Pricing and Billing Modeling and Solutions  
Optical Networking  
Next Generation Internet  
Internet Architecture and Design  
Internet Signalling and Service Enabling Protocols  
Network Reliability, Privacy & Security  
Security and Trust Computing

#### Digital Information Management

Data Mining, Web Mining  
Web Metrics and its applications  
Semantic Web, Ontologies and Rules  
XML and other extensible languages  
E-Learning, e-Commerce, e-Business and e-Gov.  
Artificial Intell. and Decision Support Systems  
Knowledge Management  
Peer to Peer Data Management  
Interoperability, Mobile Data Management  
Data Exchange issues and Supply Chain  
Data Life Cycle in Products and Processes  
Information Content Security  
Distributed Information Systems  
Information Visualization, Web Services  
Multimedia and Interactive Multimedia  
Video Search and Video Mining  
Fault tolerance, safety and security  
IT Management and Service  
Remote Sensing and GIS  
Big Data  
Enterprise Computing

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