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**ICCIT 2012:** The Second International Conference on Communications and Information Technology will bring together leading scientists, academics, practicing engineers, and policy makers from government, academia and private sectors. ICCIT 2012 seeks to be a forum for the exchange of ideas on the latest development and use of Communication and Information Technologies.

**Paper Submissions:** Submitted papers must represent original material that is not currently under review in any other conference or journal, and has not been previously published. Authors must submit their work electronically through <http://edas.info/newPaper.php?c=11359>. The paper should have a maximum of 6 pages in the IEEE format (available at <http://www.iccit-conf.org>). Accepted papers will be published in the conference proceedings and IEEE Xplore® (IEEE Digital Library).

**Correspondence:** For all correspondence, please contact: [contact@iccit-conf.org](mailto:contact@iccit-conf.org)

**Important Due Dates**

Paper Submission: January 16, 2012

Author Notification: February 27, 2012, Camera-ready submission: March 19, 2012

**ICCIT 2012 Tracks:**

**Wireless Communi. and Signal Processing**

Co-Chairs: Walaa Hamouda, Canada  
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Wireless Cross Layer Design  
Multi-Antenna and MIMO Systems  
Cognitive Radio and Dynamic Spectrum Access  
Broadband Wireless/ OFDM System  
Broadband Wireless Techno. (LTE, WiMAX ..)  
Convergence of Wireless Systems  
Cognitive Radio and Dynamic Spectrum Access  
Modulation, Coding, and Diversity Techniques  
PHY-Layer Security  
Wireless Communications Testbed Development  
Signal Processing Interfaces in Cognitive Radio  
Speech, Image and Video Signal Processing  
Multimedia Communication Technologies  
Spectrum Shaping and Filters  
Transmitter and Receiver Techniques  
Adaptive Antennas and Beamforming  
Blind Signal Processing for Communications  
Channel Estimation, Modeling and Equalization

**Communication Networks and Systems**

Co-Chairs: Bechir Hamdaoui, USA  
Lei Shu, Japan  
Farid Nait-Abdesselam, France

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

**Information Tech. and Cloud Computing**

Co-Chairs: Hamid Mcheick, Canada  
Zakaria Maamar, UAE

Hybrid Information Technology  
High Performance Computing  
Cloud and Cluster Computing  
Ubiquitous Networks and Wireless Communications  
Digital Convergence  
Multimedia Convergence  
Intelligent and Pervasive Applications  
Security and Trust Computing  
IT Management and Service  
Bioinformatics and Bio-Inspired Computing  
Knowledge System and Intelligent Agent  
Game and Graphics  
Human-centric Computing and Social Networks  
Computer Vision and Image Processing  
Remote Sensing and GIS  
IT Applications in different Areas  
Engineering Applications of IT

**Digital Information Management**

Co-Chairs: Rachid Benlamri, Canada  
Yacine Atif, UAE  
Imran Junejo, UAE

Data Mining, Web Mining  
E-Learning, e-Commerce, e-Business and e-Gov.  
Web Metrics and its applications  
XML and other extensible languages  
Semantic Web, Ontologies and Rules  
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  
Security and Access Control  
Information Content Security  
Distributed Information Systems  
Information Visualization, Web Services  
Multimedia and Interactive Multimedia  
Video Search and Video Mining