



WICON 2011  
6th International ICST Wireless Internet Conference  
<http://www.wicon.org/2011>  
19-21 October 2011 Xi'an, China

#### SCOPE OF CONFERENCE

The 6th International ICST Wireless Internet Conference (WICON 2011) brings together technical experts and researchers from academia, industry, and government all around the world to discuss novel research results related to the future Wireless Internet.

#### TOPICS

The Wireless Internet Conference (WICON) will continue to serve as a premier international forum to discuss novel research results related to the emerging Wireless Internet. The WICON 2011 is soliciting both academic research and industry practice papers. Papers solicited in the WICON 2011 are divided into FOUR tracks, PHY, MAC, Network and Service/Application tracks, spanning a wide range of areas of interest including but not limited to:

1. Seamless Integration of Heterogeneous Networks
  - Convergence and interworking of heterogeneous wireless networks
  - Vertical handoff and seamless roaming
  - Mobile P2P networking, systems, and applications
  - Next generation Internet services and applications
2. Cross-layer Design and Optimization
  - Clean-slate wireless Internet architecture
  - Interaction among PHY/MAC, routing, and congestion control
  - PHY-aware wireless scheduling
  - QoS provisioning over Multimedia wireless networks
3. Wireless Access Technologies
  - Multiple access technology (OFDMA, CDMA, and TDMA)
  - WLANs, WiMAX, satellite, 3G and Beyond
  - QoS management and traffic modeling
  - Algorithm design and performance analysis
4. Multi-hop Wireless Networks
  - Wireless sensor networks
  - Mobile ad hoc networks
  - Wireless mesh networks
  - Cooperative and relay networks
5. Emerging Technologies and Applications
  - IMT2000, UMTS, LTE, IMT-Advanced networks
  - Vehicular ad hoc networks (VANET)
  - Cognitive radio networks
  - Bio-inspired networks
  - Context-aware mobile networking
  - Wireless body area networks (WBANs)
  - Tele-medicine/e-health networks
6. Network Security
  - Architectural support for security
  - Security, privacy, and dependability issues
  - Security in cooperative networks
7. Wireless Internet Platforms and Software
  - Testbeds and simulation tools
  - Middleware, operating system, and programming languages
  - Experimental measurements
8. Green Communications
  - Green wireless network architectures and communication protocols
  - Green applications by wireless communications and mobile computing technologies
  - Energy-efficient mobile and wireless networks
  - Network planning and optimization for green wireless networking

#### PUBLICATION

Accepted papers will be published in the IEEE (pending) International Conference Proceedings Series and will be made available in IEEE Digital Library (pending), as well as submitted to be indexed by EI. (The Proceedings of Wicon2010 have been index by EI).

#### SUBMISSIONS

Please visit the conference website (<http://www.wicon.org/2011>) for detailed instructions.

#### SPECIAL ISSUES

Selected papers will be published on a special issue of ACM/Springer MOBILE NETWORKS AND APPLICATIONS (MONET) journal. The special issues for selected WICON 2011 papers on other international journals are under application.

Please contact with Dr. Fan Li ([lifan@mail.xjtu.edu.cn](mailto:lifan@mail.xjtu.edu.cn)) if you have any problem.

#### General Co-Chairs:

Pinyi Ren  
Xi'an Jiaotong University, China

#### TPC Co-Chairs:

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University of California, Davis, USA

Pei Liu  
Polytechnic Institute of New York University, USA

Song Ci  
University of Nebraska-Lincoln, USA

#### Track Co-Chairs:

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Shenzhen University, China

Network track:  
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Xi'an Jiaotong University, China

Local Chair:  
Fan Li  
Xi'an Jiaotong University, China

#### IMPORTANT DATES:

Paper submission deadline:  
~~1 March 2011~~ (Extended to 1 April 2011)  
Notification deadline:  
15 May 2011  
Camera-ready submission deadline:  
1 July 2011  
Registration deadline:  
1 July 2011

