



# 1st International Workshop on Satellite Communications (**SatCom2011**)

August 20<sup>th</sup>, 2011, Harbin, China

<http://www.chinacom.org/2011/>



1st International Workshop on Satellite Communications (**SatCom2011**) will be held in conjunction with **CHINACOM 2011** in Harbin, China, August 20, 2011. The objective of this workshop is to provide a forum for researchers and technologists to present new ideas and contributions in the form of technical papers, panel discussions and tutorials of ideas in the field of satellite communications. The scope of the workshop includes a wide range of technical challenges in view of the growing interest for satellite access to Internet, multi-media and broadband access to satellite communication systems, the evolution of future satellite communications with access across hybrid platforms, the deep space communications and the performance of the air interface.

Original contributions previously unpublished are solicited in relevant areas including (but not limited to) the following **Topics**:

- System Design and Optimization
- Hybrid Satellite and Terrestrial Networking
- Integration of Satellite and Ancillary Systems
- Orbit and Constellation Design
- Acceleration of Transport Protocol over Satellite
- Forward and Return Link Encapsulation
- Network and Radio Resource Management & Control Issues
- Testbed results
- Cross-layer Air Interface Design
- Call Admission Control Schemes
- Advances in Modulation and Coding
- Advances in Antenna Technology and Propagations
- Channel Measurement, Modeling and Evaluation
- Secure Networking for Satellite Systems
- Mobile Satellite Systems and Services
- Navigation Services
- Satellite services for Emergency Communications
- Integration of Satellite Positioning and Services
- HAPS and HALO communications
- Privacy and Security
- Network Coding/Cognitive Radio in satellite communications

## Committee:

### General Chair

Wang Jing Tsinghua University, P. R. China

### General Co-chair

Jae Moungh KIM INHA University, Korea

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P. R. China

Liang Zongchuang China Academy of Space Technology,  
P. R. China

Wang Chunting The 54<sup>th</sup> Research Institute of CETC, China

### Submissions:

SatCom2011 accepts only novel, previously unpublished papers in the area of satellite and deep space communications. Prospective Authors are encouraged to submit a 5-page IEEE conference style paper (including all text, figures, and references) through ASSYST (ICST Article Submission SYSTEM) submission system

(<http://assyst-online.org/>). All accepted and presented papers will be published together with ChinaCom 2011 proceedings and available on IEEE eXplore database and indexed by Engineering Information (EI). (pending)

For the details on the manuscript preparation, please refer to the link:

Wang Haiming Southeast University, P. R. China

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<http://www.chinacom.org/2011/subm.html>

If you have any questions, please feel free to send emails to [chenxiang98@mails.tsinghua.edu.cn](mailto:chenxiang98@mails.tsinghua.edu.cn) or [yess@tsinghua.edu.cn](mailto:yess@tsinghua.edu.cn).

### Important Dates:

- Paper submission due: **March 1, 2011**
- Notification date: **May 15, 2011**
- Camera-ready due: **June 15, 2011**
- Registration due: **July 1, 2011**
- Conference date: **Aug. 20, 2011**