
International Workshop on IP Networking over Next-generation Satellite Systems
(INNSS'07)

July 05, 2007 – Budapest, Hungary

as part of the 16th IST Mobile and Wireless Communications Summit

Organised by

IST Satellite-based Communications Systems within IPv6 (SATSIX) project,
IST European Satellite Communications Network of Excellence (SATNEX) project,
IST Integrated Multi-layer Optimization in broadband DVB-S.2 Satellite Networks
(IMOSAN) project,
IST Advancing Interactive Broadband Satellite Access by Optimal Convergence of
Session based Services over DVB-RCS (VIVALDI) project,
IST Satellite Access Technologies: Leading Improvements For Europe (SATLIFE)
project

CALL FOR PAPERS

With the boom of Internet, IP-based applications, such as WWW and multimedia, have been an essential part of our life, and there is an ever-increasing demand for accessing high-speed Internet services anywhere and anytime. This trend unavoidably has huge impacts on the design of the next-generation satellite systems. On the other hand, with its broadcasting nature and unique coverage, satellite systems also can play an important role in the next-generation Internet. For example, satellite systems can be a good driver for the deployment of IPv6 in the Internet, and can provide a fast way to reach end-users because they do not rely on construction of a high-speed terrestrial networks. This workshop will focus on the IP networking of the next-generation satellite systems.

Topics

Authors are invited to submit full, unpublished papers reporting scientific and technical research. All the papers will be reviewed by specialists from the technical program committee. The non-exhaustive list of topics of interest includes:

- IPv6 over satellites
- Architecture of the next-generation satellite systems
- Satellite and terrestrial network integration
- Quality of Service (QoS) and Resource management
- Mobility management
- Multicast
- Security and privacy
- Communication protocols
- Network monitoring and measurement
- Performance enhancement

Submission

Papers must be submitted electronically through the EDAS conference management system, at <http://edas.info/5198>. Papers must be written in English. Each paper is limited to single-column 12 pages, including abstract, figures, diagrams, references, and annexes. It is planned to publish the proceeding of the workshop in a book.

Important Dates

Paper submission deadline: 15 March, 2007 (Extended to 27 April, 2007)
Notification of acceptance: 15 May, 2007
Camera ready due: 15 June, 2007

Organizing Committee

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