

CALL FOR PAPERS



2008 International Workshop on Satellite and Space Communications (IWSSC 2008)

1st-3rd October 2008, ISAE/SUPAERO, Toulouse, France

<http://www.tesa.prd.fr/iwssc08/>



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. It is intended to bring together various satellite communication systems developers to discuss the current status, technical challenges, standards, fundamental issues, and future services and applications. IWSSC 2008 seeks to address and capture highly innovative and state of the art research from the satellite communications industry. The scope of the workshop includes a wide range of technical challenges in view of the growing interest for satellite networks, multi-media and broadband access to satellite communication systems, the evolution of future satellite communications with access across hybrid platforms, the direct mobile access to satellites, the use of fade countermeasures and the integration with radio resource management.

Topics of interest include but are not limited to the following:

- Standards Status (e.g., ITU, ETSI)
- Hybrid Satellite and Terrestrial Networks
- Navigation Services
- Reliable Multicast Protocols
- Transport Protocol Performance over Satellite
- IP over Satellite and QoS support
- Network Management & Control issues
- Onboard Switching and Processing Technologies
- Delay tolerant networking

General Chair

Giovanni Giambene, University of Siena, Italy

General Co-Chair and Finance Chair:

Michel Bousquet, ISAE/SUPAERO, Toulouse, France

General Vice-Chair

Boon Sain Yeo, SensiMesh Pte Ltd, Singapore

Technical Program Chair:

Laurent Castanet, ONERA, Toulouse, France

Technical Program Co-Chairs:

Sooyoung Kim, Chonbuk National University, Korea

Ruhai Wang, Lamar University, Texas

Panel Chair:

Sandro Scalise, DLR, Germany

Publicity Chair:

Sastri Kota, Harris Corp., USA

Publication Chair and co-Chair

Paolo Chini, University of Siena, Italy

Thierry Gayraud, LAAS, Toulouse, France

Steering Committee

Michel Bousquet, ISAE/SUPAERO, Toulouse, France

Bernhard Collini-Nocker, University of Salzburg, Austria

Erina Ferro, ISTI-CNR, Pisa, Italy

Giovanni Giambene, University of Siena, Italy

Otto Koudelka, Technical University Graz, Austria

José Ignacio Moreno, Universidad Carlos III de Madrid, Spain

Francisco Javier Gonzalez Castaño, Universidad de Vigo, Spain

Sastri Kota, Harris Corp., USA

William W. Wu, Advanced Technology Mechanization, USA

Boon Sain Yeo, Wavex Technologies Pte Ltd, Singapore

Local Organizing Committee

Michel Bousquet, ISAE/SUPAERO, Toulouse, France

Laurent Castanet, ONERA, Toulouse, France

David Bonacci, TESA, Toulouse, France

Julien Roustan, TESA, Toulouse, France

Conference Secretariat:

Sarah Gueguen, TESA, 14-16 Port Saint Etienne, 31000 Toulouse (Tel: +33 561 24 7360, email: sarah.gueguen@tesa.prd.fr)

- Radio Resource Management
- Fade Countermeasures
- Cross-layer Air Interface Design
- Call Admission Control Schemes
- Dynamic Bandwidth Allocation
- Advances in Modulation and Coding
- Advances in Antenna Technology
- Channel Models
- Security Aspects and Issues
- Forward and Return Link Encapsulation

Paper Submission Guidelines

Acceptance will be based on an extended abstract or a full paper. In case of an extended abstract submission, diagrams, results, and bibliography have to be provided to allow the reviewers to assess the contribution of your work. In addition to the paper submission, an abstract (approx. 150 words) shall be submitted. The submission has to be performed electronically by **April 1, 2008**; look at the instruction on the conference web site: <http://www.tesa.prd.fr/iwssc08/>. EDAS system will be used.

For information, please send email to: iwssc2008@tesa.prd.fr

*****Special sessions will be made available for young researchers to provide them with the opportunity to present their activities.*****

Published papers will appear on IEEEExplore.

Live Demonstrations and Experimentations

The workshop will be broadcast via the SatNEx satellite platform.

Special Sessions & Tutorials

Proposals for Special Sessions and Tutorials are also being solicited. Special Sessions are about 90 minutes long. They focus on advanced topics in particular areas of interest to the attendees of IWSSC 2008. Tutorials (half-day or full-day sessions) are intended to provide in-depth learning on a specific topic of interest to the participants. Proposals for Special Sessions and Tutorials should consist of a 1000 words summary, a 150 words abstract, and a cover page listing the details of the author(s) as given above. Please submit your proposal to the Special Session Chair Thierry Gayraud (gayraud@laas.fr) and to the Tutorial Chair Anton Donner (anton.donner@dlr.de) until **February 1, 2008**.

Exhibitions

Exhibitions of company products are solicited for the Technical Subject Areas. Interested parties should contact the Local Organizing Committee by e-mail until **June 2, 2008**.

Important Dates (for information, email to iwssc2008@tesa.prd.fr)

Submission deadline: April 28, 2008 (EXTENDED DEADLINE)

Notification of acceptance: June 16, 2008

Submission of camera-ready versions of accepted papers: July 15, 2008

Hosted by:



Sponsor:

