



ENC-GNSS 08

Centre de Congrès Pierre Baudis - Toulouse - France

23-25 April 2008

Call for papers

For twelve years, the European Group of Institutes of Navigation (EUGIN) organizes a yearly European Navigation Conference, ENC-GNSS. In 2008, the conference will take place in Toulouse on behalf of EUGIN and IFN (The French Institute of Navigation). ENC-GNSS 2008 will be held within the international week of space application, Toulouse Space Show'08, during which listeners will also have access to the European and Frequency Time Forum conference, to a conference on Space Applications and to a large exhibition. Those other events will be particularly interesting for the satellite navigation community, especially with the central role of time & frequency in navigation systems and the development of so many location based applications.

The ENC-GNSS conference is a unique opportunity to meet all the key actors in the navigation area and to be informed on the latest development of the navigation and positioning systems, techniques and their applications. High-level scientific activities will be highlighted during the conference. The performances of the GNSS systems, their space and ground segments and the user equipments are steadily improving to fulfil the need for information on location everywhere, including out-door and in-door areas. Associated to mobile communication terminals, the new navigation systems offer the opportunity to design an infinity of new services.

A plenary session will be held to inform the community of the status of the major GNSS programmes and several sessions in parallel will deal with the up-to-date topics in navigation. Posters will be presented during free times.

Toulouse Space Show'08

Themes

Authors are invited to submit papers dealing with recent and original work in the following areas:

- Satellite navigation systems (GPS, Galileo, Giove, GLONASS, Compass/Beidou, EGNOS, WAAS, MSAS, Gagan, QZSS)
- Augmentation techniques and aided navigation (e.g., SBAS, DGPS, GBAS, RAIM, RTK)
- Non-GNSS radio positioning and hybridisation with GNSS (e.g., LORAN-C, RFID, inertial sensors, terrestrial communication networks)
- Interoperability between systems (performances, interferences, GGTO)
- Timing and clocks
- Signal design, receivers, antennas
- Atmospheric effects, multipath mitigation
- Indoor positioning
- Land Transport, Aviation, Maritime positioning
- Security & governmental positioning, search and rescue
- Urban positioning for LBS and other applications
- Geodesy, geodynamics, surveying, precise positioning (e.g., RTK, phase, ambiguity, multi carrier phase), space meteo, science
- Agronomy, building & constructing, sport, leisure, novel positioning
- Satellite launching and replacing optimisation
- Certification, integrity, legal, risks, liability, radionavigation policy

Working language

The working language of the conference will be English, which will be used for all printed material, presentations, and discussions.

Deadline for Abstract Submission: 15 November 2007

www.enc-gnss08.com

>> www.eftf08.com >> www.spaceappli08.com

Abstract Submission

ALL submissions (PDF format) must be made on-line from the web site: www.enc-gnss08.com

If you are submitting multiple papers, you only need to create one web account. Please use the same account (access code) for any additional submissions.

If you need to edit any author information or resubmit your paper, it may be done up until the submission deadline. Please use the unique web account you created during initial submission, to edit or resubmit.

Email submissions will NOT be accepted.

Abstract guidelines

Abstract must be in English and must include:

- Title of the paper
- Surnames and first names, postal and email addresses of the authors
- An abstract on one A4 page (maximum)
- Font: Times - Size: 11 - Line spacing: single

Specifications for the Electronic File Format

The abstract MUST be submitted as a PDF-file, saved under PDF 1.4 (Acrobat 5), PDF 1.5 (Acrobat 6) or PDF 1.6 (Acrobat 7). Scanned PDF-files are not allowed. The file must be created using a PDF-distiller, all fonts must be embedded. The file may NEITHER contain any form of security, NOR bookmarks, links or multiple files in a single PDF file.

Important Dates

Deadline for Abstracts	15 November 2007
Notification to Authors	14 January 2008
Preliminary programme	31 January 2008

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