



► CALL FOR ABSTRACTS

The International Technical Symposium on Navigation and Timing also known as the ITSNT, is an annual event for professionals and researchers working with or interested in navigation and timing technologies and their use. This event focuses on tackling technical hot topics by inviting internationally recognized speakers from all around the world to share their expertise and views. The audience can easily engage in discussion with these experts during the question sessions and round tables. The ITSNT also provides a great environment for networking and visiting our sponsors' exhibition stands.

**The symposium will be held
from 14th to the 17th of November 2017,
at ENAC, Toulouse, France.**

Abstract submission is now open for the «Peer Reviewed Paper» sessions. Authors are invited to submit their abstracts online before the 15th of May 2017.

Abstracts will be selected by our scientific committee based on their quality and innovation. The topics of interest are given in the following page. Authors of the selected abstracts will have to provide their papers for peer review by the scientific committee. The selected papers and the associated presentations will be freely available online.

NEW! For the 4th edition, 2 types of session:

- **«Invited guest» sessions:** special guests are invited by the scientific committee to give a presentation related to the generic topic of the session. There are 4 guest speakers per session, and the session ends with a round table.
- **«Peer Reviewed Paper» sessions:** the presenters of these sessions are selected by the scientific committee based on the following procedure:
 - › Authors submit the abstract of their desired contribution (see list of topics below)
 - › The scientific committee selects abstracts based on their quality and technical relevance
 - › Authors of the selected abstracts are asked to provide their full paper
 - › Based on the quality of the full paper, the scientific committee will decide if the paper will be:
 - presented in the «Peer Reviewed Paper» session (primary presentors)
 - an alternate in the «Peer Reviewed Paper» session (presented only if there is a missing primary presenter)
 - rejected

Members of The Scientific Committee

- › **Dr. Daniele Borio**, Joint Research Center of the European Commission, Italy
- › **Prof. Andrew Dempster**, University of New South Wales, Australia
- › **Prof. Per Enge**, Stanford University, USA
- › **Dr. Christophe Macabiau**, ENAC, France (co-chair of the committee)
- › **Assoc. Prof. Nobuaki Kubo**, Tokyo University of Marine Science and Technology, Japan
- › **Prof. Gerard Lachapelle**, University of Calgary, Canada
- › **Assoc. Prof. Jiyun Lee**, Korea Advanced Institute of Science and Technology, South Korea
- › **Catalina Rodriguez**, CNES, France (co-chair of the committee)
- › **Dr. Benoit Roturier**, Direction des Service de la Navigation Aérienne, France
- › **Prof. Maarten Uijt de Haag**, Ohio University, USA
- › **Dr. Stefan Wallner**, European Space Agency, The Netherland
- › **Prof. Stephan Weiss**, Alpen Adria University, Austria
- › **Assoc. Prof. Zheng Yao**, Beihang University, China

All selected papers and their associated presentations will be freely available online on the ITSNT website.



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Topics

- Autonomous machines (air and land)
- Deep learning for navigation
- Innovative Vision, Radar, Lidar navigation
- Innovative Antennas and RF systems
- Cooperative navigation
- Multi-antenna GNSS
- New hybridization and integration structures (innovative combination of any of: GNSS, precise GNSS, video, IMU, lidar, radar, odometer, magnetometer...)
- Low cost carrier phase positioning
- PNT Resilience (interference, spoofing, ...)
- Spectrum management
- UAS Traffic Management (UTM)
- Navigation with Signals of Opportunity (SoOp)
- Augmentation Systems (SBAS, GBAS, ARAIM)
- Multiconstellation Multifrequency GNSS (e.g. ARAIM)
- PNT and the natural environment
- New integrity schemes for non-aeronautical navigation
- Timing

Key dates

15 May 2017

Deadline for abstract submission

8 June 2017

Notification to authors

31 July 2017

Deadline for full paper submission

5 September 2017

Completion of peer review evaluation

14-17 November 2017
ITSNT 2017

24 November 2017

Deadline for final paper and presentation submission

More information

Website: www.itsnt.fr

Email address: contact@itsnt.fr

► Submit your abstract
before 15 May 2017

A draft programme of the «invited guest» sessions is already available on the website.