

**European Navigation Conference 2018**  
**14-17 May 2018**  
**Gothenburg, Sweden**

**Call for Papers**

The European Navigation Conference 2018 will be held in the technology-rich city of Gothenburg on the campus of Chalmers University of Technology on Sweden's west coast from 14-17 May 2018.

**General Chair**

Jan Johansson, Chalmers, Sweden

**TPC Co-Chairs**

Gunnar Elgered, Chalmers, Sweden  
Mikael Hägg, RISE, Sweden  
Peter Wiklund, Lantmäteriet, Sweden  
Per Olof Hedekvist, RISE, Sweden  
Lars Ulander, IEEE-AESS

**Local Arrangements Chairs**

Anna Axelsson, RISE, Sweden

**Registration and hotel booking**

[enc2018@meetx.se](mailto:enc2018@meetx.se)

**Sponsoring Organizations**

City of Gothenburg  
IEEE AESS  
European Group of Institutes of Navigation  
Swedish Board of Radio Navigation  
Nordic Institute of Navigation

**Exhibition and sponsoring**

An exhibition will be organized in parallel with the conference for companies and organizations wishing to promote and raise their visibility at ENC 2018.

Sponsoring availabilities exist as well.

For more information readers are invited to see the dedicated conference web page here: [www.enc2018.eu/exhibition-sponsors](http://www.enc2018.eu/exhibition-sponsors)

The European Navigation Conference is the premier conference in Europe in the fields of positioning, navigation and timing, with special emphasis on the European Galileo and EGNOS. Through a peer-reviewed manuscript selection process, it will showcase state-of-the art and innovations in the field of terrestrial and satellite-based navigation and its applications. Implementation of new technologies will be demonstrated through an industry exhibition arranged in parallel to the conference.

Representatives of the various national satellite navigation programmes, European Commission, the European GNSS Agency, the European Space Agency, research and industry leaders are expected to be present and some will deliver keynote speeches during the programme.

The conference will comprise technical session, poster sessions, invited keynotes, and a best paper award. The conference strongly emphasizes a quick turn-around time and high quality of the published papers.

Original contributions are solicited in, but not limited to, the following topics:

- Global Navigation Satellite Systems - Development and modernisation of GNSS,
- GPS, GLONASS, Galileo, and BeiDou, as well as GNSS interoperability
  
- Signals and Timing - Signals and interference, new signal in radio navigation, multi-carrier phase GNSS, multipath, timing and clock, telecommunications
  
- Integrated Navigation - Assisted GNSS, network-based navigation, inertial
- navigation, hybridisation, sensor fusion
  
- Urban and Land Navigation - Applications for road and rail, intelligent
- transportation systems, autonomous driving
  
- Indoor Navigation - Location based services, personal mobility, indoor positioning
  
- Air and Maritime Navigation- General aviation, certification, RNAV, maritime
- applications

- Aerospace applications - Navigation for spacecraft and space applications
- Atmosphere and Environmental Sciences -Ionosphere, environmental monitoring, climate change, meteorology
- Safety and Security - Search & rescue, security applications

Original full scientific papers or abstracts are sought on the most recent results and technology trends. Accepted and presented full papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases.

**Deadlines:**

Deadline for full paper submission: 29 January 2018

Notification of acceptance: 20 March 2018

Camera-ready papers due: 13 April 2018

**Paper Submission:**

Submitted papers must represent original material that is not currently under review in any other conference or journal, and has not been previously published.

Papers should be maximum 12 pages long in the specified format. Papers can be submitted electronically through [www.enc2018.eu/abstract-submission](http://www.enc2018.eu/abstract-submission) should be submitted as PDF files prepared according to IEEE two-column A4 format guidelines.

For more information see the conference web site [www.enc2018.eu](http://www.enc2018.eu)