

*The European Navigation Conference 2018 will be held in the technology-rich city of Gothenburg on the campus of Chalmers University of Technology on the Swedish west coast May 14-17, 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

#### 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 to the conference for companies and organizations that wish to promote and raise their visibility at ENC 2018.

Sponsoring availabilities exist as well. For more information, please see the dedicated conference web page

[www.enc2018.eu/exhibition-sponsors](http://www.enc2018.eu/exhibition-sponsors)



## European Navigation Conference 2018

May 14-17, 2018 in Gothenburg, Sweden

### Call for Papers

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 programs, 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 program.

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. We solicit original contributions 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

**We invite you to submit your original full scientific papers or abstracts** 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:

**January 29, 2018**

Notification of acceptance:

March 20, 2018

Camera-ready papers due:

April 13, 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).



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