

EUROPEAN NAVIGATION CONFERENCE 2027

Abstract Submission Guidelines

The European Navigation Conference 2027 invites academics, technicians, policy makers and other stakeholders to submit an abstract. The online abstract submission portal is open.

The deadline for abstract submission is **10 January 2027.** Please note that only electronic submissions are accepted. Priority will be given to early submissions.

Abstracts Requirements

Abstracts should meet **all of the following specifications** in order to be considered for scheduling:

Language

Abstracts should be written in English. We kindly ask you to proofread abstracts carefully to avoid errors before they are submitted.

Title

Each abstract should have a brief descriptive title of maximally 15 words and should be written in sentence case.

Presentation type

During the abstract submission process, you will be asked to indicate whether you wish to give an oral presentation of a poster presentation.

Topics

During the abstract submission process, you will be asked to select a topic for your abstract from the list below. Select the abstract topic matching the content of your abstract best. If none of the pre-specified topics apply to your abstract, select 'Open Session'.

1. GNSS & PNT Services
   - 1.1. Algorithms & Models for Precise GNSS Navigation
   - 1.2. New Galileo Services
   - 1.3. PNT Resilience
   - 1.4. Robustness to Interference
   - 1.5. Space Weather & Environmental Effects
   - 1.6. Geodesy Supply Chain

2. Multi-Sensor & Alternative Navigation Solutions
   - 2.1. Multi-Sensor & Autonomous Navigation
   - 2.2. Sensor Networks & Cooperative Navigation
   - 2.3. Quantum & Alternative Technologies
   - 2.4. Resilient Terrestrial Positioning Services
   - 2.5. eLoran

3. AI, Data, & Performance
   - 3.1. Cooperative & AI-enhanced Navigation
   - 3.2. Performance & Anomaly Detection
   - 3.3. Cloud computing

4. Application Areas
   4.1. Applications in Rail & Maritime Navigation
   4.2. Aircraft, UAV & Spacecraft Navigation
   4.3. Indoor & Urban Navigation
   4.4. Navigation for Mass Market
   4.5. Dual Use & Security Applications
   4.6. Receiver Trends & New Technologies
   4.7. Precise timing
   4.8. Scientific Applications

5. Future Trends
   5.1. Trends in Navigation Technology & System Design
   5.2. LEO PNT
   5.3. Frontiers of Radionavigation: Signals of Opportunity, 5G & beyond
   5.4. Lunar & Deep-Space Navigation System Architectures & Initiatives
   5.5. Optical Clocks & Links

6. Open Session

Authors
Names, affiliations, cities, and countries of all contributing authors should be provided. The person submitting the abstract should be the presenting author of the work. All communications regarding an abstract will go to the submitting author, irrespective of the designation of the presenting author. Please verify that your email address is correct as it will be used for contacting you after the review process.

Text
Please limit abstracts to 200 – 500 words and define abbreviations when first introduced.

Abstracts Deadlines
- Abstract Submission Deadline: **10 January 2027**
- Notification on Acceptance/Rejection: **8 February 2027**
- Early Bird Registration Deadline: **28 February 2027**
- Programme Schedule Notifications: **19 March 2027**
- Full Paper Submission Deadline: **6 June 2027 (after conference)**

Review and Acceptance
Submitted abstracts will undergo review by the technical scientific committee and will be scheduled for presentation at ENC 2027 only if accepted by the reviewers. **Abstract will be reviewed as received, so please do not wait until the deadline to submit your abstract. Priority will be given to early submissions. An extension of the submission deadline is not foreseen.**
Scheduling notifications will be sent to the submitting authors 19 March 2027.

To ensure scheduling of a submitted and accepted abstract in the final ENC 2027 programme, the **presenting author must be registered as an ENC 2027 delegate by 4 April 2027**. ENC 2027 will not cover costs incurred in submitting an oral or poster presentation, or for travel and accommodation costs for presenting authors. Failure to register for ENC 2027 by the set deadline will lead to the withdrawal of your abstract(s).

Withdrawal of abstracts can only be accepted if notified in writing and subsequently confirmed by the ENC 2027 Conference Secretariat.

For all enquiries regarding abstracts, please contact the ENC 2027 Conference Secretariat enc@congressbydesign.com.

Full Paper Submission

Authors of accepted abstracts have the option to submit a full paper. The deadline for full paper submission will be 6 June 2027 (after the conference).

Note that submission of a full paper is not required for presentation at the conference, but papers submitted for publication will only enter peer review if presented at the conference. For posters, one of the authors must present it during the Poster Session.

Submissions are limited to scientific (research) papers. All submitted papers will undergo a further peer review process.

Publication Policy

Accepted papers will be published in a dedicated volume of the Open Access Journal Engineering Proceedings (ISSN 2673-4591) and in the Conference Proceedings e-Book (with ISBN), both published by MDPI. The Creative Commons CC BY 4.0 license will apply, meaning that authors retain copyright and the content can be reused with attribution. All published papers will be assigned a digital object identifier (DOI) and citable.

General Paper Guidelines

Papers should cover high-quality scientific work and create an advance towards the current knowledge that is of interest to the scientific community. Papers should not have been previously published or submitted elsewhere. Papers must be original and include references where appropriate. Specialized software will be applied to identify potential plagiarism, including self-plagiarism.

In case a paper is deemed to be of a commercial nature only, the conference organizers reserve the right to reject the paper.

Formatting Guidelines

Papers should be written in clear English language. Paper length must be between 4 and 9 pages. Note that this refers to the total page count (including abstract, references, appendices, etc.). The paper length requirement must be strictly complied with.

Paper Reviews

All submitted papers will undergo a further peer review process. Authors who choose to submit a full paper will be invited to review a manuscript within their area of expertise.