



The 11th ESA Workshop on Satellite Navigation Technologies  
(NAVITEC) 11-13 December 2024 | ESA, ESTEC, Noordwijk

The European Space Agency (ESA) is pleased to announce the Call for Papers (NAVITEC), Ensuring PVT on Earth and beyond edition. The workshop topics of interest include but are not limited to:

- Space, Lunar and Extra-Terrestrial (e.g. Moon and Mars navigation, Pulsar navigation, etc...)
- LEO-PNT (e.g., LEO Signal of Opportunity navigation, LEO based indoor navigation, RFC, etc...)
- Science applications (e.g., GNSS-R, GNSS-based mapping, iono/tropo sounding, etc...)
- Resilient PVT (e.g., interference and spoofing monitoring and mitigation, navigation in harsh environments, etc...)
- Advances in Navigation (e.g. navigation algorithms, new receiver architecture, advanced antenna techniques, AI-based navigation, quantum navigation and sensors, RTK/ PPP, sensor fusion, etc...)
- Alternative or hybrid PNT (e.g., IoT- and 5G-based positioning, indoor navigation, pseudolites, etc...)

### Registration

It will open in due course. Further information on the registration fee and deadlines can be found on the NAVITEC 2024 website.

You are most cordially invited to attend this year's edition of NAVITEC, for more information please visit the official website by clicking [here](#).

A dual track path is offered for conference contributions:

- **Full paper submission for IEEE publication.** Submitted papers, that describe original contributions in the related fields, will be subjected to a peer reviewed process. The papers should not exceed four pages (references on page 5 is allowed). Papers should be submitted as pdf files prepared according to IEEE two-column A4 format guidelines; the full paper template is available [here](#). **The deadline for the full paper submission is the 28<sup>th</sup> of June (at 23:59 CET), and authors will be notified by 31<sup>st</sup> of August.** Upon acceptance of notification, authors will be asked to submit an IEEE compliant final paper by 23<sup>rd</sup> of October for which instructions will be provided. Accepted and presented papers will be published in IEEE Xplore.
- **Abstract submission for conference proceedings only.** In parallel it is also possible to present and publish work in the conference proceedings only, not with IEEE Xplore. The abstracts should be submitted in the relevant topics as on a single column abstract of 800-1000 words in length (a maximum of two figures per abstract is allowed). **The deadline for the abstract submission is the 28<sup>th</sup> of June (at 23:59 CET), and authors will be notified by 31<sup>st</sup> of August.** Accepted abstracts should be presented in oral sessions during the conference.

### Important dates and deadlines

Paper submission:	28 <sup>th</sup> of Jun. 2024
Abstract submission:	28 <sup>th</sup> of Jun. 2024
Notification of acceptance:	31 <sup>st</sup> of Aug. 2024
Final paper and abstract submission:	20 <sup>th</sup> of Oct. 2024

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