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17-19 September 2026 // Split, Croatia

Symposium on: **New Trends in Satellite and Space Communications and Navigation**

Symposium Chair: Roberto Garelo
Politecnico di Torino, Italy (roberto.garelo@polito.it)

Call for Papers

Symposium on “New Trends in Satellite and Space Communications and Navigation” will be held in the frame of the 34th International Conference on Software, Telecommunications and Computer Networks (SoftCOM 2026), co-organized by the University of Split, FESB and Croatian Communications and Information Society (CCIS) and technically co-sponsored by the IEEE Communications Society (ComSoc), on September 17 - 19, 2026 in Split, Croatia.

This symposium aims to present and discuss recent advances in satellite and space communication systems, non-terrestrial networks (NTN), and navigation technologies. With the rapid evolution of low-Earth orbit (LEO) mega-constellations, multi-layer space networks, 5G/6G terrestrial and space integration, deep-space communications, LEO positioning, and the Integration of satellite and terrestrial navigation systems, research in this field is gaining critical importance.

Paper length should be max 6 pages in two-column IEEE format.

Accepted and presented papers will be published in the conference proceedings and submitted to IEEE Xplore as well as other Abstracting and Indexing (A&I) databases. Authors of selected papers will be invited to submit an extended version of their manuscripts for publication in a special issue of the [Journal of Communications Software and Systems \(JCOMSS\)](https://jcoms.fesb.unist.hr/).

We invite original research papers on, but not limited to, the following topics:

Satellite and Space Communications

- Advanced coding and modulation solutions for satellite and space communications
- Routing, handover, and radio resource management for LEO and VLEO networks
- 5G and 6G Non-Terrestrial Networks (NTN)
- AI-based techniques for NTN
- Satellite edge computing and processing

Navigation and Positioning Systems

- Advances in GNSS
- LEO-based positioning, PNT for LEO satellites
- Integration of terrestrial and satellite-based positioning, indoor and cooperative positioning
- Integrated navigation and communication systems
- Support of GNSS-free solutions for 6G NTN
- AI-based techniques for jamming and spoofing detection in GNSS

IMPORTANT DATES

Final manuscript due	June 23, 2026
Notification of acceptance	July 13, 2026
Camera-ready manuscript	July 23, 2026

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<https://jcoms.fesb.unist.hr/>

More information about the Conference including details on the submission process and authors kit is available on the website:

<https://2026.softcom.fesb.unist.hr/>

Conference Operation Support: Katarina Babić, University of Split, Croatia (softcom@fesb.hr)