



全球6G GLOBAL 6G CONFERENCE
技术与产业生态大会

Global 6G Conference 2026

Workshop on Fluid Antenna System (FAS) for 6G

April, 2026 Nanjing, Jiangsu, China

Call for Paper

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WORKSHOP SCOPE

As a next-generation reconfigurable antenna technology, the fluid antenna system (FAS) has attracted wide attention in recent years. Unlike traditional antenna techniques where multiple antennas are discretely deployed with fixed configurations, FAS can rapidly reconfigure its shape, size, position, orientation, and other radiation characteristics, thereby providing additional spatial degrees of freedom to achieve spatial diversity and interference suppression. By receiving useful signals at locations where interference experiences deep fading, FAS enables a new multiuser interference suppression approach, leading to the formation of a novel multiple access mechanism (FAMA).

Workshop Hosts



西安电子科技大学
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Topics of Interest

Topics of interest include, but are not limited to:

- Physics- and electromagnetic-compliant modeling of FAS
- Electromagnetic- or information-theoretic performance limits for FAS
- Advanced optimization theories and algorithms for FAS
- Efficient channel estimation/extrapolation/reconstruction techniques in FAS
- New coding and modulation schemes based on FAS
- FAS-assisted multiple access schemes for achieving extremely massive connectivity
- AI-assisted algorithms, management, and protocols for FAS
- Enhancements in physical layer security and privacy through FAS
- Joint communication, sensing, and/or computing designs in FAS
- New reconfiguration capabilities for FAS
- Interrelation between FAS, other NGRA systems, and holographic MIMO systems
- Industrial trials, applications, and testbed results of FAS for 6G

Paper Submission Guidelines

Papers should be submitted via EDAS (<https://edas.info/newPaper.php?c=34433&track=134662>). Prospective authors should prepare their manuscripts in accordance with the standard IEEE camera-ready format. Submitted papers must not have been previously published in or under consideration for publication in another journal or conference. The Global 6G Conference organizing committee reserves the right not to review papers that either exceed the length limit or have been submitted or published elsewhere. All accepted papers must be presented onsite at the conference. Accepted papers will be submitted for inclusion into IEEE Xplore and then indexed by EI Compendex.

Important Dates

- **Paper submission:** Feb. 1, 2026
- **Notification of acceptance:** Mar.14, 2026
- **Registration Deadline for Authors:** Mar.30, 2026
- **Camera-ready submission:** Apr.1, 2026
- **Presentation submission:** Apr.11, 2026



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