



7th ICTC 2026

2026 7th Information Communication Technologies Conference

Nanjing, China
May 8-10, 2026

Special Session

Reconfigurable Intelligent Technologies for 6G Communication Networks

2026 7th Information Communication Technologies Conference (ICTC) will be held in Nanjing, China during May 8-10, 2026. ICTC 2026 is sponsored by Southeast University, supported by Jiangsu Information Technology Application Society, and Alliance of Key Laboratories for Telecommunication Technology(AKL-TT). At the event, participants will have the opportunity to share their research results in the field of ICT, discuss future technology trends, and how to deal with security challenges related to digitalization. In addition, this conference will further explore how to promote continuous progress in the ICT field, thereby laying a solid foundation for digital development. You are welcome to attend ICTC!

Topics in Special session 1

This special session aims to bring together academic and industrial researchers in an effort to identify and discuss the major technical challenges, recent breakthroughs, and new applications related to some cutting-edge technologies such as reconfigurable intelligent surface (RIS), reconfigurable holographic surface (RHS) and their evolved versions, electromagnetically reconfigurable metal-surface, some reconfigurable smart antennas (RSAs) for 6G Communication Networks such as six-dimensional movable antennas (6DMA), fluid antenna (FA), pinching-antenna (PA), holographic MIMO, and other reconfigurable Intelligent technologies.

Related topics:

- Channel modelling, estimation, and prediction methods with reconfigurable intelligent technologies;
- Coding, modulation, and beamforming design with reconfigurable intelligent technologies;
- Millimeter wave (mmWave) or terahertz (THz) communication systems with reconfigurable intelligent technologies;
- Advanced multiple access (MA) schemes with reconfigurable intelligent technologies;
- Advanced waveform modulation schemes with reconfigurable intelligent technologies;
- Unmanned aerial vehicle (UAV) or satellite communication systems with reconfigurable intelligent technologies;
- Wireless powered sensor network (WPSN) system with reconfigurable intelligent technologies;
- Simultaneous wireless information and power transfer (SWIPT) system with reconfigurable intelligent technologies;
- Integrated sensing and communications (ISAC) system with reconfigurable intelligent technologies;
- Physical layer security (PLS) transmission with reconfigurable intelligent technologies;
- Enhanced artificial intelligence and machine learning with reconfigurable intelligent technologies;
- System-level simulation, prototyping, and filed-tests with reconfigurable intelligent technologies.

Submission Link: <https://www.zmeeting.org/submission/ictc2026>
(Choose Special Session 1 to Submit)

More details about Special session 1: https://www.ictc.net/special_1.html

Chair



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Lecturer Nannan Zhang
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Publications

Submitted manuscripts will be peer reviewed by the conference scientific committees. Accepted papers will be included into Conference Proceedings, and submitted for indexing by **Ei Compendex** and **Scopus**. The authors of the papers will be invited to participate in ICTC 2026 to display their research works.

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