Guidelines for Candidates of "6G Rising Star ·Young Scientist"

of Global 6G Conference 2026

The "6G Rising Star · Young Scientist" selection aims to identify outstanding young academic talents in the 6G field who possess forward-looking vision, breakthrough innovation capabilities, and potential for sustained contributions. It is designed to facilitate global breakthroughs in 6G basic theories, technological innovation, and standard evolution.

The specific selection criteria are as follows:

I. Requirements for Applicants

1. Background Requirements

Age Requirement: Under the age of 40 (as of April 30, 2026).

Professional Background: Young scientific and technological workers engaged in 6G-related research at global universities, research institutions, enterprise R&D departments, etc., or those who have made significant academic outputs and achieved outstanding results in standardization and industrial transformation in the 6G field.

2. Academic Ethics

No records of academic misconduct (including but not limited to data falsification, plagiarism, duplicate submission, etc.). All declared achievements shall comply with academic norms, and the intellectual property rights shall be clear and free of disputes.

3. Speech Theme

Focus on cutting-edge research related to 6G technology, including but not limited to the following fields:

- Fundamental theories such as electromagnetic information theory(EIT), modulation and coding technologies
- Channel measurement, modeling and digital twin technology
- Novel antennas system design and optimization technology
- New intermediate frequency and ultra-massive MIMO technology
- AI-native and autonomous 6G systems
- Agent communication for 6G
- Semantic communication and signal processing technology
- Integrated sensing, communication, Computing Architecture and key Technologies
- Integrated multi-modal sensing and communication
- Key technologies of digital twin networks
- Future Satellite Internet
- Key technologies of low-altitude intelligent networks
- 6G security, privacy and trust
- New materials and key devices

II. Collection and Selection Process

1. Online Registration and Material Submission (October 10 - December 10)

(1) Applicants are required to submit the following materials:

- Personal resume
- Thesis topic and content abstract (within 500 words)
- Detailed elaboration of the thesis content (submitted in the form of a paper)
- Supporting materials for relevant academic papers, standardization, and industrial transformation technology cases
- Representative achievements (no more than 10 items in total) in the past three years, including papers, works, patents, and standardization contributions
- Requirements for the paper

The paper should be written in English with a maximum paper length of six (6) printed pages (10-point font including figures). Standard IEEE conference templates for LaTex format and Microsoft Word (A4 and US letter)can be found at http://www.ieee.org/conferences_events/conferences/publishing/templates.html. Only PDF files will be accepted for the review process and all submissions must be done through the official website of Global 6G Conference (www.g6gconference.com) – [Call for Submissions] - [6G Rising Star Selection] – to check the specific requirements, download the application form, and submit the materials through the designated entry.

2. Formal Review (December 10 - December 15)

The Secretariat will screen the submitted materials and eliminate applications that do not meet the collection requirements.

3. Expert Review (December 15 - December 31)

A review panel will be established by inviting industry experts, organized by the Global 6G Technology and Industry Ecosystem Conference to conduct a comprehensive evaluation of the academic quality of the participating theses, research innovation capabilities, research practice performance and academic development potential.

4. The list of selected candidates will be announced on the conference official website at the end of December.

5. Selection Criteria

Innovation (40%): Whether the applicant has proposed forward-looking and unique research directions or technical solutions; whether the work demonstrates theoretical, methodological, data, or application innovation; whether constructive solutions have been put forward for controversial cutting-edge issues to promote in-depth understanding of the field or the evolution of research directions.

Academic Rigor, Academic Value, and Influence (30%): Whether the proposed views have theoretical depth or technical support, including whether new theories or models in the 6G field have been proposed, whether new methods for key 6G technologies have been developed; whether the experimental design is scientific and reasonable, with authentic and reproducible data, complete logic, and standardized references; and the

evaluation also considers citation indicators, peer reviews, and academic leadership.

Industrial Application Prospects and Influence (30%): Whether the theory/method has been transformed into practical applications; whether there are clear practical application scenarios; whether the research direction is highly aligned with the international 6G technology evolution trend; and whether it has practical significance for the future industrial development of 6G.

III. Benefits for Selected Candidates

1. Selected candidates will be invited to give a 15-minute keynote speech at the "6G Star · Young Scientist." special session of the 2026 Global 6G Conference.
2. Selected candidates will be awarded the title of "6G Star · Young Scientist.", and the award certificate will be issued at the main forum of the conference.
3. The selected candidates of "6G Star · Young Scientist" will be invited by the organizing committee to submit their manuscripts to Science China: Information Sciences (Chinese Edition). After passing the review process, the articles will be published in the special issue dedicated to 6G Rising Star Scholars (this is exclusively for papers that have not been previously published in any domestic or international journals).

4. Cooperative media of the conference will conduct on-site interviews and post-conference video interviews with the selected candidates. The speech content will be widely promoted through platforms such as the conference official website and official WeChat Channels.
5. Research achievements will be recommended to verification platforms to promote their transformation and implementation.