



# Large Language Models and Edge Computing: Technologies and Applications

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 5

The rapid evolution of Large Language Models (LLMs) has revolutionized artificial intelligence, yet deploying these computation-intensive models on resource-constrained edge devices remains a significant challenge. This special session aims to explore the collaboration between LLMs and Edge Computing to achieve low-latency, privacy-preserving, and bandwidth-efficient intelligence. We invite researchers to discuss the architectural innovations and optimization techniques required to bridge the gap between massive models and edge infrastructure.

### Related topics include, but are not limited to:

- Lightweight LLMs for edge deployment
- Distributed inference for edge intelligence
- Parameter-efficient techniques for LLM adaptation
- Allocation and optimization for edge resources
- AI-assisted edge communications and services
- Privacy-preserving techniques for LLM inference at the edge
- Use cases of edge LLMs in IoT, smart cities, and autonomous systems

### Submission Link:

<https://www.zmeeting.org/submission/ictc2026> (Choose Special Session 5 to Submit)

More details about Special session 5:

[https://www.ictc.net/special\\_5.html](https://www.ictc.net/special_5.html)

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**Jiabao Chen**  
*Beijing University of Technology, China*

## 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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