

# 7th International Workshop on AI-driven Network (AINet2025-Summer)

Exeter, United Kingdom, 13-15 August, 2025 IEEE HPCC2025 site: <https://hpcn.exeter.ac.uk/hpcc2025/>  
IEEE HPCC Workshop AINet2025-Summer submission site: <https://hpcn.exeter.ac.uk/ainet/>

## Call For Papers

The 7th International Workshop on AI-driven Network 2025-Summer (AINet2025-Summer), will be held in conjunction with the 27th IEEE High Performance Computing and Communications (IEEE HPCC2025) on August 2025 in Exeter, United Kingdom. AINet2025-Summer Workshop promotes the world-class AI research and application of/for smart network fields, including green communication, satellite network, V2X, 5G/6G, IoT, smart city etc. We also welcome the participation of the industry to showcase their AI application, platforms, products.

### Topics of interest include, but are not limited to:

- ✧ Network performance analysis based on AI & ML
- ✧ Ubiquitous communication and green communication based on AI
- ✧ AI & ML algorithm for network intelligent operation and optimization
- ✧ AI & Big Data research and application on smart city and smart grid
- ✧ AI & Big Data research and application on data center, green energy, vehicle network, IoT
- ✧ AI-driven network architecture design, AI based analysis and application on satellite network
- ✧ AI research and application on UAV and low-altitude economy
- ✧ AI based analysis and application on 5G/6G & LLM based network optimization for 5G/6G
- ✧ AI based control and energy management of electrified vehicles
- ✧ AI based railway systems and intelligent transportation systems
- ✧ AI research and application on computing power network and operation

### Submission Guide:

Papers should be written in English. Submitted papers must be original work, and may not be under consideration for another publication. The length of the paper is up to 6 pages (or 10 pages with over length charge). Each paper will be peer-to-peer reviewed by AINet2025-Summer TPC. Papers, which are accepted and presented at AINet2025-Summer Workshop, will be published in IEEE HPCC2025 proceedings and submitted for inclusion into EI indexing.

**Please submit paper via IEEE HPCC Workshop AINet2025-Summer website** <https://hpcn.exeter.ac.uk/ainet/>

### AINet2025-Summer Workshop General Co-Chairs:

Lexi Xu, China Unicom Research Institute, China

Gaofeng Cui, Beijing University of Posts and Telecommunications, China

Zhen Gao, Beijing Institute of Technology, China

Xin Hu, Beijing University of Posts and Telecommunications & University of Calgary, China / Canada

Xiaolong Zhou, China Unicom Research Institute, China

Muhammad Adeel, University of North Texas at Dallas, USA

Nan Zhao, Dalian University of Technology, China

Wen Sun, Northwestern Polytechnical University, China

Miaowen Wen, South China University of Technology, China

Xu Xia, China Telecom, China

Yizhe Zhao, University of Electronic Science and Technology of China, China

Yulin Hu, Wuhan University, China

Chen Cheng, China Unicom Research Institute, China

**TPC Co-Chairs:** Weiwei Pang, Yang Cheng, Jiafeng Tian, Yufei Li, Yuzhen Bai, Mengyuan Qiu, Yanmei Liu, CAICT  
Chaolun Wang, Zhen Yin, Jingshi Yang, Zhuo Wang, Xiaolu Han, CAICT & Chao Wang, CCSA & Shuohan Liu, SCSC

**Publicity Organizers:** Deyi Li, Xiqing Liu, Shengli Guo, Yuwei Jia, Zhenqiao Zhao, Ruojing Hao, Yichen Xie, China Unicom

**Keynote Organizers:** Heng Zhang, Xin Wang, Bin Yang, Zhipu Xie, Yue Wang, Zijing Yang, China Unicom Research Institute  
Rui Yang, Na Liu, Beijing Smartchip Microelectronics & Zhendong Li (Leshan), Lei Wu (Leshan), Meng Li (Meishan), State Grid

**Important Dates:** Submission deadline: 29 June (Firm) Notification: 7 July Registration: 20 July 2025

**More Contact:** For more questions of AINet2025-Summer Workshop, please contact [BDMLWorkshop@163.com](mailto:BDMLWorkshop@163.com) or AINet Workshop founder Prof. Lexi Xu [davidlexi@hotmail.com](mailto:davidlexi@hotmail.com)