

8th International Workshop on AI-driven Network (AINet2025-Winter)

Shenyang, China, 10-12 October, 2025 IEEE BDCloud site: <https://www.ieee-ai-for-science.org/2025/bdcloud/>
IEEE BDCloud Workshop AINet2025-Winter submission site: <https://edas.info/N33900>

Call For Papers

The 8th International Workshop on AI-driven Network 2025-Winter (AINet2025-Winter), will be held in conjunction with the 15th IEEE International Conference on Big Data and Cloud Computing (IEEE BDCloud 2025) October 2025 in Shenyang, China. AINet2025-Winter 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 8 pages (or 10 pages with over length charge). Each paper will be peer-to-peer reviewed by AINet TPC. Papers, which are accepted and presented at AINet2025-Winter Workshop, will be published in IEEE BDCloud2025 proceedings and submitted for inclusion into EI indexing.

Please submit paper via IEEE BDCloud Workshop AINet2025-Winter website <https://edas.info/N33900>

*Selected best paper will be expanded and reviewed by Sensors special issue for possible publication.

AINet2025-Winter Workshop General Co-Chairs:

Xiongyan Tang, China Unicom Research Institute, China

Lexi Xu, China Unicom Research Institute, China

Chang Cao, China Unicom Research Institute, China

Fuchang Li, China Unicom Research Institute, China

Haoran Wu, China Unicom Data Intelligence Co.,LTD. & China Unicom Data Science and Artificial Intelligence Research Institute

Keke Zu, Yangtze Delta Region Institute (Quzhou), University of Electronic Science and Technology of China, China

Liang Zhao, Shenyang Aerospace University, China

Yue Cao, Wuhan University, China

Wei Xu, Southeast University, China

Feng Yin, The Chinese University of Hong Kong, Shenzhen, China

Naveed Ahmad, Prince Sultan University, Saudi Arabia

TPC Co-Chairs: KunChao, Chen Cheng, Qi Liu, Yi Yue, Wencong Yang, China Unicom & Tianhao Guo, Shanxi University

Secretary: Xupeng Wang, Trinity College Dublin, Ireland & Heyu Xu, China Unicom Data Intelligence Co.,LTD.

Important Dates: Submission deadline: 10 July (Extension) Notification: 30 July Registration: 10 Sept 2025

More Contact: For more questions of AINet2025-Winter Workshop, please contact BDMLWorkshop@163.com or Prof. Lexi Xu davidlexi@hotmail.com