

4th International Workshop on Machine Learning empowered Future Network (MLFuNet2025)

Shenyang, China, 10-12 October, 2025 IEEE BDCloud site: <https://www.ieee-ai-for-science.org/2025/bdcloud/>

IEEE BDCloud Workshop MLFuNet2025 submission site: <https://edas.info/N33900>

Call For Papers

The 4th International Workshop on Machine Learning empowered Future Network 2025 (MLFuNet2025) will be held in conjunction with the 15th IEEE International Conference on Big Data and Cloud Computing (IEEE BDCloud 2025) on October 2025 in Shenyang, China. MLFuNet2025 promotes the Machine Learning research of/for future network fields.

Topics of interest include, but are not limited to:

- ✧ Demo of high-performance Machine Learning and computing tools
- ✧ Big Data and distributed computing/storage/processing technology
- ✧ Machine Learning based radio resource management for satellite network
- ✧ Machine Learning based vehicular sensors and intelligent transportation systems
- ✧ Large Language Model, Deep reinforcement learning enabled communication network
- ✧ Machine Learning enabled wireless network, computer network, low latitude economy
- ✧ Machine Learning based network security, private network, semantic communication, ISAC, UAV
- ✧ Machine Learning assisted analysis and application for 5G/6G mobile network
- ✧ Machine Learning based analysis and application on smart grid, computing power network
- ✧ Machine Learning based analysis and application on IoT network, near-field communication

Submission Guide:

Submitted papers must be original work. The paper length is up to 8 pages (or 10 pages with over length charge).

MLFuNet2025 accepted and presented papers will be published in IEEE BDCloud2025 proceedings and submitted for inclusion into EI indexing. **Please submit paper via BDCloud Workshop MLFuNet2025 website** <https://edas.info/N33900>

MLFuNet2025 Workshop General Co-Chairs:

Lexi Xu, China Unicom Research Institute, China

Zhen Wang, Northwestern Polytechnical University, China

Kun Fan, China Unicom Group Corporation, China

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

Chunpeng Wu, China Electric Power Research Institute, China

Qingqing Wu, Shanghai Jiao Tong University, China

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Peng Yu, Beijing University of Posts and Telecommunications, China

Miaowen Wen, South China University of Technology, China

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Qi Liu, China Unicom Smart City Research Institute, China

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Na Deng, Dalian University of Technology, China

Haichao Wei, Dalian Maritime University, China

Lin Bai, Department of Science and Technology Innovation, China Unicom Group Corporation, China

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Yan Zhang, Zhaoning Wang, Yinghan Peng, Zhenhua Wang, Lei Chen, Ping Nie, Hongjia Liu, Tianyi Wang, Xiaomeng Zhu,
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Tutorial Organizers: Rui Yang, Na Liu, Beijing Smartchip Microelectronics & Zhendong Li, Lei Wu, Meng Li, State Grid Sichuan

Keynote Organizers: Deyi Li, Xiqing Liu, Shengli Guo, Yuwei Jia, Ruoqing Hao, Jia Mu, Chi Ren, Shiyu Zhou, Mou Cong, China Unicom

Important Dates: Submission deadline: 10 Sept (Firm) Notification: 15 Sept Registration: 19 Sept 2025

More Contact: For more questions of MLFuNet2025 Workshop, please contact BDMLWorkshop@163.com or MLFuNet Workshop founder Prof. Lexi Xu davidlexi@hotmail.com