# 6th International Workshop on Machine Learning assisted Smart System (MLSys2024)

Chengdu, China, 20-22 December, 2024    IEEE IUCC2024 site: https://smartconf24.org/iucc2024/

## Call For Papers

The 6th International Workshop on Machine Learning assisted Smart System 2024 (MLSys2024) will be held in conjunction with the 23rd IEEE International Conference on Ubiquitous Computing and Communications (IEEE IUCC2024) on December 2024 in Chengdu, China. MLSys2024 workshop promotes the future Machine Learning research of/for smart system fields, including LTE/5G/6G cellular system, satellite system, V2X, smart city, IoT, smart grid, wireless system, hardware equipment etc. We also welcome the participation of the industry to showcase their Machine Learning application, systems, platforms, products and designing cases.

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

✧ Software, system implementation, management tools, ETL, data center
✧ Platforms and products of high-performance Machine Learning tools and Big Data
✧ Machine Learning based planning and designing on mobile network and V2X system
✧ Machine Learning based vehicular sensors and intelligent transportation systems
✧ Deep reinforcement learning enabled satellite communications
✧ Machine Learning and Big Data research on material and hardware equipment
✧ Machine Learning and Big Data based system model
✧ Smart spectrum sensing and sharing powered by Machine Learning
✧ Machine Learning and Big Data based analysis / application on smart grid and smart city
✧ Machine Learning based analysis and application on IoT system
✧ Machine Learning assisted analysis and application for LTE/5G/6G mobile cellular system

## 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 8 pages with over length charge). Paper should use IEEE Proceedings Manuscripts style (two columns, single-spaced, 10 fonts). Each technical paper will be peer-to-peer reviewed by MLSys2024 TPC. Papers, which are accepted and presented at MLSys2024 Workshop, will be published in the IEEE IUCC2024 proceedings and submitted for inclusion into EI indexing. Please submit paper via conference website https://smartconf24.org/iucc2024/

## MLSys2024 Workshop General Co-Chairs:

Lexi Xu, China Unicom Research Institute & Beijing University of Posts and Telecommunications, China

Xiaolong Zhou, China Unicom Research Institute, China

Nan Zhao, Dalian University of Technology, China

Miaowen Wen, South China University of Technology, China

Wen Sun, Northwestern Polytechnical University, China

Celimuge Wu, The University of Electro-Communications, Japan

Zhen Gao, Beijing Institute of Technology, China

Liang Zhao, Shenyang Aerospace University, China

Yulin Hu, Wuhan University, China

Guan Gui, Nanjing University of Posts and Telecommunications, China

Chen Cheng, China Unicom Research Institute, China

Xu Xia, China Telecom Research Institute, China

**TPC Co-Chairs:** Lianbo Song, Han Liu, CAICT & Yongsheng Liu, Xing Liu, Lin Lin, China Unicom Research Institute
**Publicity Organizers:** Deyi Li, Xiqing Liu, Shenli Guo, Yuwei Jia, Zhenqiao Zhao, China Unicom Research Institute
**Keynote Organizers:** Yi Li, Yuchao Jin, Jingyun Wang, Xiaomeng Zhu, Yuting Zheng, China Unicom Research Institute
**Important Dates:** Submission deadline: 30 Sep.(Extension)    Notification:1 Nov    Registration:28 Nov.2024
**More Contact:** For more questions of MLSys2024 Workshop, please contact: BDMLWorkshop@163.com or Prof. Lexi Xu davidlexi@hotmail.com