

5th International Workshop on Machine Learning assisted Smart System (MLSys2023)

Exeter, UK, 1-3 November, 2023 IEEE TrustCom2023 site: <https://hpcn.exeter.ac.uk/trustcom2023/>

Call For Papers

The 5th International Workshop on Machine Learning assisted Smart System 2023 (MLSys2023, <https://hpcn.exeter.ac.uk/trustcom2023/WSS.php>) will be held in conjunction with the 22nd IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom2023) on November 2023 in Exeter, United Kingdom. MLSys2023 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, material, 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 MLSys2023 TPC. Accepted and presented papers will be published in the IEEE TrustCom2023 proceedings and submitted for inclusion into EI indexing. Please submit paper via conference website <https://hpcn.exeter.ac.uk/mlsys/>

MLSys Workshop Co-Chairs:

Xiongyan Tang, China Unicom, China

Lexi Xu, China Unicom, China

Celimuge Wu, The University of Electro-Communications, Japan

Yulei Wu, University of Exeter, UK

Xu Xia, China Telecom, China

Wen Sun, Northwestern Polytechnical University, China

Liang Zhao, Shenyang Aerospace University, China

Nan Zhao, Dalian University of Technology, China

Miaowen Wen, South China University of Technology, China

Han Liu, China Academy of Information and Communications Technology, China

Chen Cheng, China Unicom, China

Important Dates: Submission deadline: 1 August 2023(extension) Notify:1 Sept. Registration:1 October

More Contact: For more questions of MLSys2023 Workshop, please contact: BDMLWorkshop@163.com or Dr. Lexi Xu davidlexi@hotmail.com