

4th International Workshop on Machine Learning assisted Smart System (MLSys2022)

Wuhan, China, 28-30 October, 2022 IEEE TrustCom2022 site: <http://www.ieee-hust-ncc.org/2022/TrustCom/>

Call For Papers

The 4th International Workshop on Machine Learning assisted Smart System 2022 (MLSys2022) will be held in conjunction with the 21th IEEE International Conference on Trust, Security and Privacy in Computing and Communications (IEEE TrustCom2022) on October 2022 in Wuhan, China. MLSys2022 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 MLSys2022 TPC. Papers, which are accepted and presented at MLSys2022 Workshop, will be published in the IEEE TrustCom2022 proceedings and submitted for inclusion into EI indexing. For paper submission, please submit paper via IEEE Trustcom EDAS site <https://edas.info/N29640> and then select Workshop-Machine Learning assisted Smart System 2022; or via MLSys2022 EDAS site <https://edas.info/newPaper.php?c=29640&track=112545>

MLSys Workshop Co-Chairs:

Weidong Wang, Beijing University of Posts and Telecommunications, China

Chaowei Wang, Beijing University of Posts and Telecommunications, China

Cheng Wang, Beijing University of Posts and Telecommunications, China

Yulei Wu, University of Exeter, UK

Lexi Xu, China Unicom, China

Liang Zhao, Shenyang Aerospace University, China

Wen Sun, Northwestern Polytechnical University, China

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

Xu Xia, China Telecom, China

Bizhu Wang, Beijing University of Posts and Telecommunications, China

Important Dates: Submission deadline:30 July 2022 Notification:15 August Registration:22 September

More Contact: For more questions of MLSys2022 Workshop, please contact: BDMLWorkshop@163.com or Dr. Lexi Xu davidlexi@hotmail.com