7th International Workshop on Machine Learning assisted Smart System (MLSys2025-Summer)

Exeter, United Kingdom, 13-15 August, 2025   IEEE HPCC2025 site: https://hpcn.exeter.ac.uk/hpcc2025/

IEEE HPCC Workshop MLSys2025-Summer submission site: https://hpcn.exeter.ac.uk/mlsys/

Call For Papers

The 7th International Workshop on Machine Learning assisted Smart System 2025-Summer (MLSys2025-Summer) will be held in conjunction with the 27th IEEE High Performance Computing and Communications (IEEE HPCC2025) on August 2025 in Exeter, United Kingdom. MLSys2025-Summer 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
✧ Large Language Model and Deep reinforcement learning enabled satellite communications
✧ Machine Learning and Big Data research on IRS, ISAC, Near-Field, Quantum Communications
✧ Large Language Model theory, standard, application, products
✧ 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 and Covert Communications
✧ 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 10 pages with over length charge). Each paper will be peer-to-peer reviewed by MLSys TPC. Papers, which are accepted and presented at MLSys2025-Summer Workshop, will be published in IEEE HPCC2025 proceedings and submitted for inclusion into EI indexing.

Please submit paper via IEEE HPCC Workshop MLSys2025-Summer website https://hpcn.exeter.ac.uk/mlsys/

MLSys2025-Summer 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

Ruitao Ma, China Unicom Research Institute, China

Guan Gui, Nanjing University of Posts and Telecommunications, China

Jia Hu, University of Exeter, UK

Haozhe Wang, University of Exeter, UK

Yue Cao, Wuhan University, China

Liang Zhao, Shenyang Aerospace University, China

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

Xiting Peng, Shenyang University of Technology & Shenyang eπ Technology Co., Ltd, China

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

TPC Co-Chairs: Lianbo Song, Han Liu, Xuan Jia, CAICT   &   Kun Chao, Rong Huang, Youxiang Wang, Xing Liu, China Unicom

Important Dates: Submission deadline: 20 May(Extension)   Notification: 15 June   Registration: 15 July 2025

More Contact: For more questions of MLSys2025-Summer Workshop, please contact BDMLWorkshop@163.com or Prof. Lexi Xu davidlexi@hotmail.com