

12th International Workshop on Big Data Research and Application (BDRA2025-Summer)

Exeter, United Kingdom, 13-15 August, 2025 IEEE HPCC2025 site: <https://hpcn.exeter.ac.uk/hpcc2025/>
IEEE HPCC Workshop BDRA2025-Summer submission site: <https://hpcn.exeter.ac.uk/bdra/>

Call For Papers

12th International Workshop on Big Data Research and Application 2025-Summer (BDRA2025-Summer) will be held in conjunction with the 27th IEEE High Performance Computing and Communications (IEEE HPCC2025) on August 2025 in Exeter, United Kingdom. BDRA2025-Summer Workshop promotes the most recent research and application in the area of big data. Scientists, researchers, engineers, and students are encouraged to get involved.

Topics of interest include, but are not limited to:

- ✧ Big Data system architecture, system performance analysis
- ✧ Software, system implementation, management tools, ETL, data center, block chain
- ✧ Big Data standard, Big Data in 5G/6G
- ✧ Big Data research and application on green energy and green data center
- ✧ Big Data analysis on mobile network quality & performance
- ✧ Big Data and Machine learning in satellite network
- ✧ Big Data in railway design & optimization, transportation, IoV, V2X field
- ✧ Big Data and Machine learning in trust/privacy field
- ✧ Big Data research on smart grid, smart city, meteorology industry
- ✧ Big Data on economy, business models, energy efficiency
- ✧ Big Data application in ubiquitous communication and computing network

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 BDRA2025-Summer TPC. Papers, which are accepted and presented at BDRA2025-Summer Workshop, will be published in IEEE HPCC2025 proceedings and submitted for inclusion into EI indexing.

Please submit paper via IEEE HPCC Workshop BDRA2025-Summer website <https://hpcn.exeter.ac.uk/bdra/>

BDRA2025-Summer Workshop General Co-Chairs:

Xinzhou Cheng, China Unicom Research Institute, China

Lexi Xu, China Unicom Research Institute, China

Chaowei Wang, Beijing University of Posts and Telecommunications, China

Chunyu Jiang, China Academy of Information and Communications Technology, China

Miaoqiong Wang, China Academy of Information and Communications Technology, China

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

Mingxin Li, China Unicom Chongqing Branch, China

Liang Zhao, Shenyang Aerospace University, China

Huanlai Xing, Southwest Jiaotong University, China

Zhaoyang Sun, China National Institute of Standardization, China

De Mi, Birmingham City University, UK

Qingqing Wu, Shanghai Jiaotong University, China

Yuting Luan, China Railway Engineering Consulting Group, China

Ruiqi Liu, ZTE, China

TPC Co-Chairs: Xiaoqi Qin, Chen Dong, Bizhu Wang, Zhe Ji, BUPT, China & Jing Guo, University of Oxford, UK

Xueqing Zhao, China Railway Electrification Engineering Group & Tianhao Guo, Shanxi University, China

Publicity Organizers: Jie Gao, Bei Li, Zijing Yang, Zixiang Di, Tianyi Wang, Yongsheng Liu, China Unicom Research Institute

Keynote Organizers: Runsha Dong, Xin He, Zhen Xing, Rui Xia, Lu Zhi, Lijuan Cao, Wei Zhang, China Unicom Research Institute

Tutorial Organizers: Lin Lin, Tian Xiao, Yuan Tian, Jinchao Huang, Mou Cong, Yu Shi, Han Zhang, China Unicom Research Institute

Secretary: Yuwen Huo, CityUHK, China & Haocheng Yang, UESTC, China & Xupeng Wang, Trinity College Dublin, Ireland

Important Dates: Submission deadline: 29 June (Firm) Notification: 7 July Registration: 20 July 2025

More Contact: Questions of BDRA Workshop, contact BDMLWorkshop@163.com or BDRA Workshop Founder Prof. Lexi Xu davidlexi@hotmail.com