5th International Workshop on AI-driven Network 2023 (AINet2023)

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

Call For Papers

The 5th International Workshop on AI-driven Network 2023 (AINet2023, 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. AINet2023 Workshop promotes the world-class AI research and application of/for smart network fields, including green communication, satellite network, V2X, LTE/5G/6G cellular network, IoT, smart city, smart grid etc. We also welcome the participation of the industry to showcase their AI application, networks, platforms, products.

Topics of interest include, but are not limited to:

- ✧ Network performance analysis based on AI & ML
- ✧ Ubiquitous communication and green communication based on AI
- ✧ AI & ML algorithm for network intelligent operation and optimization
- ✧ AI & Big Data research and application on smart city and smart grid
- ✧ AI & Big Data research and application on data center and green energy
- ✧ AI-driven network architecture design
- ✧ AI research and application on vehicle network and IoT
- ✧ AI research and application on power amplifier and pre-distortion
- ✧ AI based analysis and application on satellite network
- ✧ AI based analysis and application on LTE/5G/6G
- ✧ AI based control and energy management of electrified vehicles
- ✧ AI based railway systems and intelligent transportation systems
- ✧ AI research and application on mobile computing

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 AINet2023 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/ainet/

AINet Workshop Co-Chairs:

Lexi Xu, China Unicom, China

Ruitao Ma, China Unicom, China

Liang Zhao, Shenyang Aerospace University, China

Max Hashem Eiza, Liverpool John Moores University, UK

Gaofeng Cui, Beijing University of Posts and Telecommunications, China

Xin Hu, Beijing University of Posts and Telecommunications & University of Calgary, China / Canada

Yue Cao, Wuhan University, China

Min Jia, Harbin Institute of Technology, China

Gaojie Chen, University of Surrey, UK

Hong Zhu, China National Institute of Standardization, China

Xiting Peng, Shenyang University of Technology, China

Tianhao Guo, Shanxi University & Xidian University, China

Yongsheng Liu, China Unicom, China

Important Dates: Submission deadline: 7 August 2023(extension)   Notify:1 Sept.   Registration:1 October

More Contact: For more questions of AINet2023 Workshop, please contact: BDMLWorkshop@163.com or Dr. Lexi Xu davidlexi@hotmail.com