



HP3C 2023

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Jinan, China | 中国济南

2023 7th International Conference on High Performance
Compilation, Computing and Communications
2023年第七届高性能编译、计算和通信国际会议

SPECIAL SESSION 1: Data Driven Techniques

Data driven techniques have raised continuous interest in manufacturing, transportation, education and energy, etc. Despite tremendous progress, the currenting data driven approaches are fully data driven, not capable of coping with mass of monitoring and detection data, and with little domain knowledge in processing, diagnosis and prediction. Therefore, it is considerably urgent to investigate and explore innovative paradigms for big data processing, synergize data driven techniques with domain-specific knowledge and capture the dynamic characteristic and failure propagation with such as partial differential equations, causal graphs.

TOPICS

1. Data driven methods
2. Artificial intelligence
3. Big data processing
4. Data monitoring
5. Data-driven prognostics and health management
6. Trustworthy decision-making support
7. Data driven technologies for system safety, reliability, and security
8. Data augmentation learning
9. Few shot learning
10. Graph augmentation learning
11. Internet of Things

SPECIAL SESSION ORGANIZIERS



Dr. Jian Wang
School of Electrical Engineering,
Southwest Jiaotong University



Dr. Lei Kou
Institute of Oceanographic
Instrumentation, Shandong Academy of
Sciences



Dr. Junhe Wan
Institute of Oceanographic
Instrumentation, Shandong Academy of
Sciences

SUBMISSION INSTRUCTION

★★ Submission Method ★★

Please submit your manuscript to <http://www.zmeeting.org/submission/hp3c2023>
and select Track “Special Session 1: Data Driven Techniques”

Template Paper: Word: http://hp3c.net/acm_template.docx

Template Paper: LaTeX: <http://hp3c.net/LaTeX-Templates.zip>

Submission Instruction: <http://hp3c.net/sub.html>

Paper Submission Deadline:
February 1, 2023

Notification of Acceptance:
March 1, 2023

MAIN CONTACT PERSON



Dr. Jian Wang
Email Address: jianwangzx@163.com
Phone Number: 13615165524