

The Eighth IEEE International Workshop on Benchmarking, Performance Tuning and Optimization for Big Data Analytics and Big Models (BPOD), Wednesday, November 12

Workshop Chairs: Zhiyuan Chen, Jianwu Wang, Feng Chen, Junqi Yin

Workshop website: <https://bdl.unibs.edu/bpod-2023>

Microsoft Team Link: <https://tinyurl.com/2xxtzhj>



Time (US Eastern Time)	Title	Presenter/Author
	Session 1, Session Chair: Zhiyuan Chen	
1:30-1:35 pm	Opening Remark	Workshop Chairs
1:35-1:55	S17217: A Benchmark and Optimization Framework for ML and LLM-based Health Triage	Md. Jobayer Rahman, Shamim Ahamed, Fahim Faisal Deepto, Marzia Zaman, Ashraful Islam, Farhana Sarker, Khondaker A. Mamun
1:55-2:15	S17215: "LLM-Enhanced, Data-Driven Personalized and Equitable Clinician Scheduling: A Predict-then-Optimize Approach"	Anjali Jha, Wanqing Chen, Maxim Eckmann, Ian Stockwell, Jianwu Wang, *Kai Sun
2:15-2:35	S17211, Efficient Deadline-Constrained Scheduling and Hybrid Parallelism Optimization of Distributed AutoML Pipelines (online)	Nikolay Butakov, Anton Vakhrushev, *Maria Khodorchenko, Anastasiia Zakharova, Alexander Ryzhkov, Olga Plosskaya, Azamat Gainetdinov, Rinchin Damdinov, Dmitriy Alexandrov, Denis Nasonov, Maxim Savchenko
2:35-2:55	S17213:"LLMSQL: Upgrading WikiSQL for the LLM Era of Text-to-SQL"	*Dzmitry Pihulski, Karol Charchut, Viktoria Novogrodskaya, Jan Kocoń
2:55-3:15	S17208: "JORTs: Jenk’s Optimization for Restrictive Training"	Jayden Vap, Reem Shehayib, Peter Kogge
3:15-3:35	S17220: "B-TGAT: A Bi-directional Temporal Graph Attention Transformer for Clustering Multivariate Spatiotemporal Data"	* Francis Ndikum Nji, Vandana Janeja, Jianwu Wang
3:35-3:55	S17214: "PARWOP: Optimization for Window Functions Partitioning" (online)	Sergey Teryoshkin, Denis Nasonov, Nikolay Butakov
4-4:30	Coffee Break	
	Session 2, Session Chair: Zhiyuan Chen	
4:30-4:50	S17218: "Community member and Scientific queries for climate resilience: An assessment of the LLM landscape"	* Rhoda Nankabirwa, Vandana Janeja
4:50-5:10	S17219: "Evaluating Large Language Models on Arithmetic and Interval Labeling Problems with Syntactic Perturbations"	* Akshay Peshave, Khondoker Hossain, Ranjani Narayanan, James Kubricht, Zachary Burpee, Anurag Agarwal
5:10-5:30	S17212: "A Game-Theoretic Foundation Framework for Query Strategy Optimization in Interactive Healthcare Information Retrieval"	* Mohammad Ishtiaque Rahman, Md. Razuan Hossain, Forhan Bin Emdad, S M Zobaer Alam, S.M. Sayem, Albina Alam, Kazi Saiful Islam
5:30-5:50	DM392: "AdaptiveStream: A Scalable Distributed Framework for Real-Time Change Point Detection in Data Streams" (online)	Vijayalakshmi Saravanan, Saikarthik Navuluru, Khaled Z Ibrahim, and Tamil Lakshman