

SIGMOD / AMSTERDAM PXDS 2X19

Wednesday 11:30-12:50 – Veilingzaal 1.20

PODS 7: Joins, hypergraphs, and Aggregate Queries

Chair: Hubie Chen

On Functional Aggregate Queries with Additive Inequalities

Mahmoud Abo Khamis (RelationalAI), Ryan Curtin (RelationalAI), Benjamin Moseley (Carnegie Mellon University), Hung Ngo (RelationalAI), XuanLong Nguyen (University of Michigan), Dan Olteanu (University of Oxford), Maximilian Schleich (University of Oxford)

Topology Dependent Bounds For FAQs

Michael Langberg (University at Buffalo), Shi Li (University at Buffalo), Sai Vikneshwar Mani Jayaraman (University at Buffalo), Atri Rudra (University at Buffalo)

Instance and Output Optimal Parallel Algorithms for Acyclic Joins

Xiao Hu (Hong Kong University of Science and Technology), Ke Yi (Hong Kong University of Science and Technology)

HyperBench: A Benchmark and Tool for Hypergraphs and Empirical Findings

Wolfgang Fischl (Vienna University of Technology), Georg Gottlob (University of Oxford), Davide Mario Longo (Vienna University of Technology), Reinhard Pichler (Vienna University of Technology)