

# SIGMOD / AMSTERDAM PXD 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)*