

# SIGMOD/ AMSPXDS TER DAM 2X19

**Wednesday 14:20-16:20  
– Administratiezaal 1.1**

**SIGMOD Research 9: Query Processing & Optimization 2**

**Chair:** Jun Yang

**CATAPULT: Data-driven Selection of Canned Patterns for Efficient Visual Graph Query Formulation**

*Kai Huang (Fudan University), Huey Chua (Nanyang Technological University), Sourav Bhowmick (Nanyang Technological University), Byron Choi (Hong Kong Baptist University), Shuigeng Zhou (Fudan University)*

**iQCAR: inter-Query Contention Analyzer for Data Analytics Frameworks**

*Prajakta Kalmegh (Duke University), Shivnath Babu (Unravel Data Systems), Sudeepa Roy (Duke University)*

**A Holistic Approach for Query Evaluation and Result Vocalization in Voice-Based OLAP**

*Immanuel Trummer (Cornell University), Yicheng Wang (Cornell University), Saketh Mahankali (Cornell University)*

**Top-k Queries over Digital Traces**

*Yifan Li (York University), Xiaohui Yu (York University), Nick Koudas (University of Toronto)*

**Visual Road: A Video Data Management Benchmark**

*Brandon Haynes (University of Washington), Amrita Mazumdar (University of Washington), Magdalena Balazinska (University of Washington), Luis Ceze (University of Washington), Alvin Cheung (University of Washington)*

**Mining Precision Interfaces From Query Logs**

*Qianrui Zhang (Tsinghua University), Haoci Zhang (Columbia University), Thibault Sellam (Columbia University), Eugene Wu (Columbia University)*