

# SIGMOD/

# AMSPXDS

# TERM

# DAM

# 2X19

**Tuesday 14:20-16:20 – Effectenbeurszaal 0.4**

**SIGMOD Research 1: Query Processing & Optimization 1 - sponsored by Tableau**

**Chair:** Wolfgang Lehner

**Exact Cardinality Query Optimization with Bounded Execution Cost**

*Immanuel Trummer (Cornell University)*

**Pessimistic Cardinality Estimation**

*Walter Cai (University of Washington), Magdalena Balazinska (University of Washington), Dan Suciu (University of Washington)*

**Efficiently Searching In-Memory Sorted Arrays: Revenge of the Interpolation Search?**

*Peter Van Sandt (University of Wisconsin, Madison), Yannis Chronis (University of Wisconsin, Madison), Jignesh Patel (University of Wisconsin, Madison)*

**Iterative Query Processing based on Unified Optimization Techniques**

*Kisung Park (Kyung Hee University), Hojin Seo (Kyung Hee University), Mostofa Rasel (Kyung Hee University), Young-Koo Lee (Kyung Hee University), Chanhoo Jeong (SAP Labs Korea), Sung Yeol Lee (SAP Labs Korea), Chungmin Lee (SAP Labs Korea), Dong-Hun Lee (SAP Labs Korea)*

**Approximate Distinct Counts for Billions of Datasets**

*Daniel Ting (Tableau Software)*

**Cache-oblivious High-performance Similarity Join**

*Martin Perdacher (University of Vienna), Claudia Plant (University of Vienna), Christian Böhm (Ludwig-Maximilians-Universität)*