

SIGMOD/

AMSTERDAM

PXDS

2X19

Wednesday 14:20-16:20 – Graanbeurszaal 0.5

SIGMOD Research 8: Data Integration/Cleaning

Chair: Paolo Papotti

Interventional Fairness : Causal Database Repair for Algorithmic Fairness

Babak Salimi (University of Washington), Luke Rodriguez (University of Washington), Bill Howe (University of Washington), Dan Suciu (University of Washington)

Uni-Detect: A Unified Approach to Automated Error Detection in Tables

Pei Wang (Simon Fraser University), Yeye He (Microsoft Research)

HoloDetect: Few-Shot Learning for Error Detection

Alireza Heidari (University of Waterloo), Joshua McGrath (University of Wisconsin, Madison), Ihab Ilyas (University of Waterloo), Theodoros Rekatsinas (University of Wisconsin, Madison)

JOSIE: Overlap Set Similarity Search for Finding Joinable Tables in Data Lakes

Erkang Zhu (University of Toronto), Dong Deng (Inception Institute of Artificial Intelligence), Fatemeh Nargesian (University of Toronto), Renée Miller (Northeastern University)

Raha: A Configuration-Free Error Detection System

Mohammad Mahdavi (TU Berlin), Ziawasch Abedjan (TU Berlin), Raul Castro Fernandez (MIT), Samuel Madden (MIT), Mourad Ouzzani (QCRI, HBKU), Michael Stonebraker (MIT), Nan Tang (QCRI, HBKU)

Speculative Distributed CSV Data Parsing for Big Data Analytics

Chang Ge (University of Waterloo), Yinan Li (Microsoft Research), Eric Eilebrecht (Microsoft Research), Badrish Chandramouli (Microsoft Research), Donald Kossmann (Microsoft Research)