

SIGMOD/

AMSTERDAM

PXDS

2X19

Thursday 14:20-16:20 – Effectenbeurszaal 0.4

SIGMOD Research 15: Graphs 3

Chair: Xuemin Lin

Optimizing Declarative Graph Queries at Large Scale

Qizhen Zhang (University of Pennsylvania), Akash Acharya (University of Pennsylvania), Hongzhi Chen (The Chinese University of Hong Kong), Simran Arora (University of Pennsylvania), Ang Chen (Rice University), Vincent Liu (University of Pennsylvania), Boon Loo (University of Pennsylvania)

Efficient Subgraph Matching: Harmonizing Dynamic Programming, Adaptive Matching Order, and Failing Set Together

Myoungji Han (Seoul National University), Hyunjoon Kim (Seoul National University), Geonmo Gu (Seoul National University), Kunsoo Park (Seoul National University), Wook-Shin Han (Pohang University of Science and Technology (POSTECH))

CECI: Compact Embedding Cluster Index for Scalable Subgraph Matching

Bibek Bhattacharai (George Washington University), Hang Liu (University of Massachusetts Lowell), H. Howie Huang (George Washington University)

Efficiently Answering Regular Simple Path Queries on Large Labeled Networks

Sarisht Wadhwa (IIT Delhi), Anagh Prasad (IIT Delhi), Sayan Ranu (IIT Delhi), Amitabha Bagchi (IIT Delhi), Srikanta Bedathur (IIT Delhi)

Answering Why-questions by Exemplars in Attributed Graphs

Mohammad Hossein Namaki (Washington State University), Qi Song (Washington State University), Yinghui Wu (Washington State University), Shengqi Yang (WeWork Technology)

An Efficient Index for RDF Query Containment

Theofilos Mailis (Athena Research Centre & University of Athens), Yannis Kotidis (Athens University of Economics and Business), Vaggelis Nikolopoulos (University of Athens), Evgeny Kharlamov (University of Oslo & Bosch Center for AI), Ian Horrocks (University of Oxford), Yannis Ioannidis (Athena Research Centre & University of Athens)