

# SIGMOD / AMSTERDAM PXDS 2X19

**Wednesday 11:30-12:50 – Graanbeurszaal 0.5**

## **SIGMOD Research 5: Provenance**

**Chair:** Alexandra Meliou

### **Going Beyond Provenance: Explaining Query Answers with Pattern-based Counterbalances**

*Zhengjie Miao (Duke University), Qitian Zeng (Illinois Institute of Technology), Boris Glavic (Illinois Institute of Technology), Sudeepa Roy (Duke University)*

### **Explaining Wrong Queries Using Small Examples**

*Zhengjie Miao (Duke University), Sudeepa Roy (Duke University), Jun Yang (Duke University)*

### **Ariadne: Online Provenance for Big Graph Analytics**

*Vicky Papavasileiou (University of California, San Diego), Ken Yocum (Intuit, Inc. & University of California, San Diego), Alin Deutsch (University of California, San Diego)*

### **Hypothetical Reasoning via Provenance Abstraction**

*Daniel Deutch (Tel Aviv University), Yuval Moskovitch (Tel Aviv University), Noam Rinetzky (Tel Aviv University)*