

CIDR 2015

ACCEPTED ABSTRACTS

**Tracking Personal Data Use: Provenance and Trust**

Lucja Kot (Cornell University) ([PDF](#))

**XCloud: Extensible Performance Management for Cloud Data Services**

Olga Papaemmanouil (Brandeis University) ([PDF](#))

**Let's Rethink Join Optimization in Distributed Systems ([PDF](#))**

Semih Salihoglu (Stanford University)

**The Case for Small Data Management ([PDF](#))**

Jens Dittrich (Saarland University)

**SQL for NoSQL Databases: Déjà Vu ([PDF](#))**

Christoph Bussler (Oracle)

**Poor Usability is Killing your Data Processing System ([PDF](#))**

Adam Marcus (Locu/GoDaddy)

**Modelling the Evolving World ([PDF](#))**

Anja Gruenheid (ETH)

**The Big Data - Same Humans Problem ([PDF](#))**

Alexandros Labrinidis (University of Pittsburgh)

**Smoothing non-uniform communication latencies for OLTP ([PDF](#))**

Danica Porobic (EPFL)

**Synthesizing Data Programs**

Mike Cafarella (University of Michigan) ([PDF](#))

**Mastering Situation Awareness: The Next Frontier? ([PDF](#))**

Dieter Gawlick (Oracle)

**Breathing Life into Database Textbooks ([PDF](#))**

Arnab Nandi (The Ohio State University)

**Big Data Space Fungus ([PDF](#))**

Martin Kersten (CWI)

**Faster Evaluation of Labor-Intensive Features ([PDF](#))**

Michael Anderson (University of Michigan)

**ACCEPTED ABSTRACTS (cont.)**

**Heisenberg Was on the Write Track ([PDF](#))**

Patrick Helland (Salesforce.com)

**A Multicore Database is not a Distributed System ([PDF](#))**

Neha Narula (MIT CSAIL)

**Guided Clustering for Social Media Nowcasting ([PDF](#))**

Dolan Antenucci (University of Michigan)

**Trouble with Transactions: Not just performance**

Evan Jones (Twitter)

**Towards Generating Application-Specific Data Management Systems ([PDF](#))**

Alvin Cheung (University of Washington)

**Robust Data Transformations ([PDF](#))**

Alekh Jindal (MIT CSAIL)

**Data Visualization Management Systems ([PDF](#))**

Eugene Wu (MIT CSAIL)

**Data, Technology and the Challenges of Abundance**

Joseph Hellerstein (UC Berkeley) ([PDF](#))

**Provenance in Keyword Search ([PDF](#))**

Wensheng Wu (University of North Carolina, Charlotte)

**Towards Systematic Data Center Design ([PDF](#))**

Avrilia Floratou (IBM Almaden)

**Inner CALM: Concurrency control protocols through the looking glass**

Peter Alvaro (UC Berkeley) ([PDF](#))

**Desiderata for a Big Data Language ([PDF](#))**

David Maier (Portland State University)

**Big Data Analytics with Access Control**

Johannes Gehrke (Microsoft)

**ACCEPTED ABSTRACTS (cont.)**

**The Case for Invariant-Based Concurrency Control ([PDF](#))**

Peter Bailis (UC Berkeley)

**Big Data Science Needs Big Data Middleware ([PDF](#))**

Bill Howe (University of Washington)

**Verdict: A System for Stochastic Query Planning ([PDF](#))**

Barzan Mozafari (University of Michigan)