

FG-DB 2016 – Database Systems

MONDAY

11:00 AM **Registration**

12:30 PM **Welcome**

01:00 PM **Keynote Session**

- Argument Mining: Manual and automatic annotation of short user-generated texts by Prof. Dr. Stede

02:00 PM **Joint Research Session**

- Harmony Assumptions: Extending Probability Theory for Information Retrieval by Thomas Roelleke
- Plackett-Luce Networks for Dyad Ranking by Dirk Schäfer and Eyke Huellermeier
- Case Representation and Similarity Assessment in the selfBACK Decision Support System by Kerstin Bach, Tomasz Szczepanski, Agnar Aamodt, Odd Erik Gundersen and Paul Jarle Mork
- The Evolution of HyPer by Thomas Neumann

05:00 PM **Parallel Session 1 (Session Chair: Johann-Christoph Freytag)**

- Robust Query Processing in Co-Processor-accelerated Databases by Sebastian Breß, Henning Funke, Jens Teubner and Volker Markl
- Visualization-Driven Data Aggregation by Uwe Jugel and Zbigniew Jerzak
- SABER: Window-Based Hybrid Stream Processing for Heterogeneous Architectures by Alexandros Koliouisis, Matthias Weidlich, Raul Castro Fernandez, Alexander Wolf, Paolo Costa and Peter Pietzuch
- Challenges with Continuous Deployment of NoSQL-backed Database Applications by Meike Klettke, Uta Störl, Steffi Scherzinger, Stephanie Sombach and Katharina Wiech

TUESDAY

10:30 AM Parallel Session 2 (Session Chair: Andreas Thor)

- Discovering Data Transformations in Web Resources by Ziawasch Abedjan
- Exploring the Application Potential of Relational Web Tables by Christian Bizer
- Massively distributed BIG DATA management for Enterprises by Franz Färber
- A Clustering Approach for Holistic Link Discovery by Markus Nentwig, Anika Groß and Erhard Rahm

02:00 PM Joint Applied Session

- The digital transformation is just the beginning by Dirk Helbing

WEDNESDAY

10:30 AM Parallel Session 3 (Session Chair: Jens Teubner)

- Model-Driven Integration of Compression Algorithms in Column-Store Database Systems by Juliana Hildebrandt, Dirk Habich and Wolfgang Lehner
- Podiumsdiskussion: Data Sciences - Ein neuer Studiengang oder nur eine (Informatik-)Vorlesung? Moderated by Kai-Uwe Sattler

01:00 PM Parallel Session 4 (Session Chair: Matthias Uflacker)

- From Cloud to Fog and Sunny Sensors by Hannes Grunert, Martin Kasparick, Björn Butzin, Andreas Heuer and Dirk Timmermann
- MapReduce Frameworks: Comparing Hadoop and HPCC by Fabian Fier, Eva Höfer and Johann-Christoph Freytag
- Query-driven Data Integration by Peter Schwab, Andreas Wahl, Richard Lenz and Klaus Meyer-Wegener
- Finding Trees in Mountains -- Outlier Detection on Polygonal Chains by Michael Singhof, Daniel Braun and Stefan Conrad
- Towards rapidly developing database-supported machine learning applications by Frank Rosner and Alexander Hinneburg