

# FG-DB 2016 – Database Systems

## MONDAY

**11:00 AM**      **Registration**

**12:30 PM**      **Welcome**

**01:00 PM**      **Keynote Session**

**02:00 PM**      **Joint Research Session**

- The Evolution of HyPer by Thomas Neumann

**03:30 PM**      **Coffee Break**

**04:00 PM**      **Keynote Session**

**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

**06:30 PM**      **Poster Session + BBQ**

**08:00 PM**      **Closing Poster Session**

## **TUESDAY**

**09:00 AM      Registration**

**09:00 AM      Keynote Session**

**10:00 AM      Coffee Break**

**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

**12:00 PM      Lunch**

**01:00 PM      Keynote Session**

**02:00 PM      Joint Applied Session**

- The digital transformation is just the beginning by Dirk Helbing

**03:30 PM      Coffee Break**

**04:00 PM      Community Meetings**

**05:30 PM      Social Event + Dinner on your own**

## **WEDNESDAY**

**09:00 AM      Registration**

**09:00 AM      Keynote Session**

**10:00 AM      Coffee Break**

**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

**12:00 PM      Lunch**

**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