



CRC/TRR 270  
**HoMMage**



TECHNISCHE  
UNIVERSITÄT  
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ESSEN

*Offen im Denken*

**Hysteresis Design of Magnetic Materials for Efficient Energy Conversion**

**Monday, 13 July 2020, 15:20 s.t., TU Darmstadt, Zoom (s. below)**

**Prof. Dr. Carsten Binnig**

*Data Management*

*Department of Computer Science*

*TU Darmstadt*

## **Towards Interactive Data Analytics**

Technology has been the key enabler of the current Big Data movement. Without open-source tools like R and Spark, as well as the advent of cheap, abundant computing and storage in the cloud, the trend toward datafication of almost every field in research and industry could never have happened. However, the current Big Data tool set is ill-suited for interactive data analytics to better involve the human-in-the-loop which makes the knowledge discovery a major bottleneck in our data-driven society. In this talk, I will present an overview of our current research efforts to revisit the current Big Data stack from the user interface to the underlying hardware to enable interactive data analytics and machine learning on large data sets.

Zoom information:

Meeting ID: 919 2654 6423

Password: 472552