

## EINLADUNG

- Zeit: Freitag, 15. Juli 2016, 10.00 Uhr
- Ort: E3, Raum 9222, Ahornstraße 55
- Referent: Dr. rer. nat. Christian Beecks  
RWTH Aachen
- Thema: Multimedia Data Management and  
Analysis

The advent of the digital information age has led to an inevitably increasing growth of heterogeneous multimedia data. Caused by the rapid spread of modern devices and their powerful processing capabilities as well as advanced means of data communication, users are able to easily generate, process, and share multimedia data at billion-scale very single day. Concomitant with the resulting multitude and versatility of multimedia data made available in scientific and non-scientific domains, today's data management and analysis algorithms are supposed to adapt to various notions of similarity and different data types in order to dynamically process large multimedia databases efficiently with respect to diverse information needs.

In this talk, I will present my ongoing research in the field of multimedia data management and analysis. More specifically, I will show how to adaptively model and approximate similarity between multimedia data objects and how to efficiently index and query process large-scale multimedia databases. In addition, I will highlight promising future research directions including the analysis of dynamically evolving multimedia databases and streams.

Es laden ein: Die Dozenten der Informatik