

Seminar Series of the Graduate School GRK 2078

Referee: **Prof. Dr.-Ing. Klemens Böhm**
Chair of the Institute for Program Structures and Data Organization (IPD)

Dates: Tuesday, July 04, 2023

Time: 14:00-15:00pm

Location: Building 10.23, 3rd floor, Seminar Room 308.1
Please note that you can also participate in the event online

Title: **Being Informed with Data Science --
Engineering as a Use Case for Research in Data Management and
Analytics?**

Abstract

Data Science has been perceived as the next great wave that will wash ashore great scientific discoveries. However, this hype has grown unrealistic expectations from some domain experts. At the same time, elementary and at the same time fundamental questions within Data Science, from different perspectives, continue to be unsolved. These include the proper inclusion of domain knowledge into data-science processes (aka. "theory-guided data science"), issues related to data quality, and important open points regarding the evaluation of data-science methods. This talk will feature respective research activities of KIT-IPD, both finished and envisioned ones. The talk will include references to engineering (or better: the speaker's layman perspective on engineering, which the audience will then be invited to correct and extend).

You are cordially invited to take part in the event.

Prof. Dr.-Ing. Thomas Böhlke
(Spokesperson of GRK 2078)