



Informatik-Kolloquium

Freitag, den 05.07.2019, 10:00 Uhr,
Besprechungsraum 106, Institut für Informatik (D3),
Julius-Albert-Str. 4

Forschungsprojekt:

Integration of Heterogeneous Data Using Customizable Polystore System

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"Nowadays, data for real world application are very complex and mostly stored with different models in distributed storage engines. Data integration becomes a challenge, as the inconsistency as well as the nonuniform access need to be handled for best integration results. The goal of this paper is to find a mechanism to integrate heterogeneous data, stored in a polystore architectural database system. The multi-client capability and flexible customizability are what makes the system an attractive choice. Additionally, user-oriented preprocessed and integrated data is used as an input for a preconfigured neural networks, which predict environmental costs. The system is tested and evaluated on a set of chemical ammunition data from different models and sources