

Data & Metadata II

Chair: Arnaud Gingold (OPERAS AISBL)

Friday, 3 February 2023

11:30–12:30

Data Trust Model in Research and Economy: Conceptual Design of a Mobility Data Trust (TMD)

Data is the gold of the 21st century. Sharing data can contribute significantly to solving socially relevant problems. To do that, data must be made available and used in a manner that complies with data protection laws. The state has also recognised the importance of sharing data. The BMBF is funding projects for the conception and establishment of data trust models in various fields of application in science and industry, including mobility, more precisely in the project Treuhandstelle für Mobilitätsdaten (TMD). The TMD is being conceptualised and prototypically tested in practice in the application field of automated driving. The data trustee acts here as a neutral data intermediary who, in addition to technical and organisational access to data, also ensures data protection and interoperability. The concept of the data trust agency also plays an important role in the area of research data management. For example, the experience gained in the exchange of data in accordance with data protection regulations can also be transferred to the field of science, and the technical and organisational concept of the data trust agency for mobility data can be adapted. Researchers can have their research data anonymised within the data trust, which makes it possible to exchange this data between the different scientific disciplines and thus achieve the best possible benefit for science. The lecture will present initial findings regarding the conceptualisation of the TMD. This concerns the development of a business model as well as the technical and organisational concept.



Andreas Czech holds a Master’s degree in social sciences from Karlsruhe Institute of Technology (KIT). PhD at the Institute for Technology Assessment and Systems Analysis (ITAS) at KIT with a thesis on the transformation of the mobility sector towards more sustainable mobility, taking into account the business model of car sharing. Since March 2022, an employee at the KIT Library in the project Trustee Agency for Mobility Data.