



Leibniz ScienceCampus Digital Transformation of Research

FIZ Karlsruhe – Leibniz Institute for Information Infrastructure, Germany
Karlsruhe Institute of Technology, Germany

Who are we?

- DiTraRe is a growth core to establish **new research branch**. We are an interdisciplinary consortium.
- We study the **digital transformation of research** in a multilevel approach.
- **Use cases** provide research questions, which are investigated by **dimensions** working on cross-cutting topics.

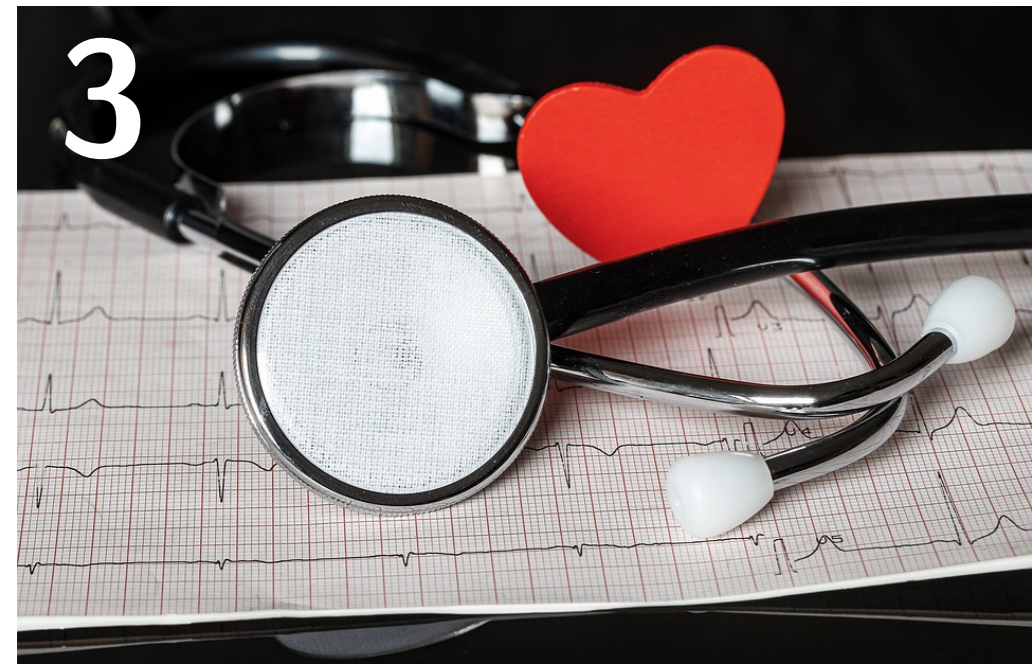
DiTraRe Use Cases



1 **Sensitive Data in Sports Science**
KIT Institute of **Sports and Sports Research**



2 **Chemotion Electronic Lab Notebook**
KIT Institute of **Biological and Chemical Systems**

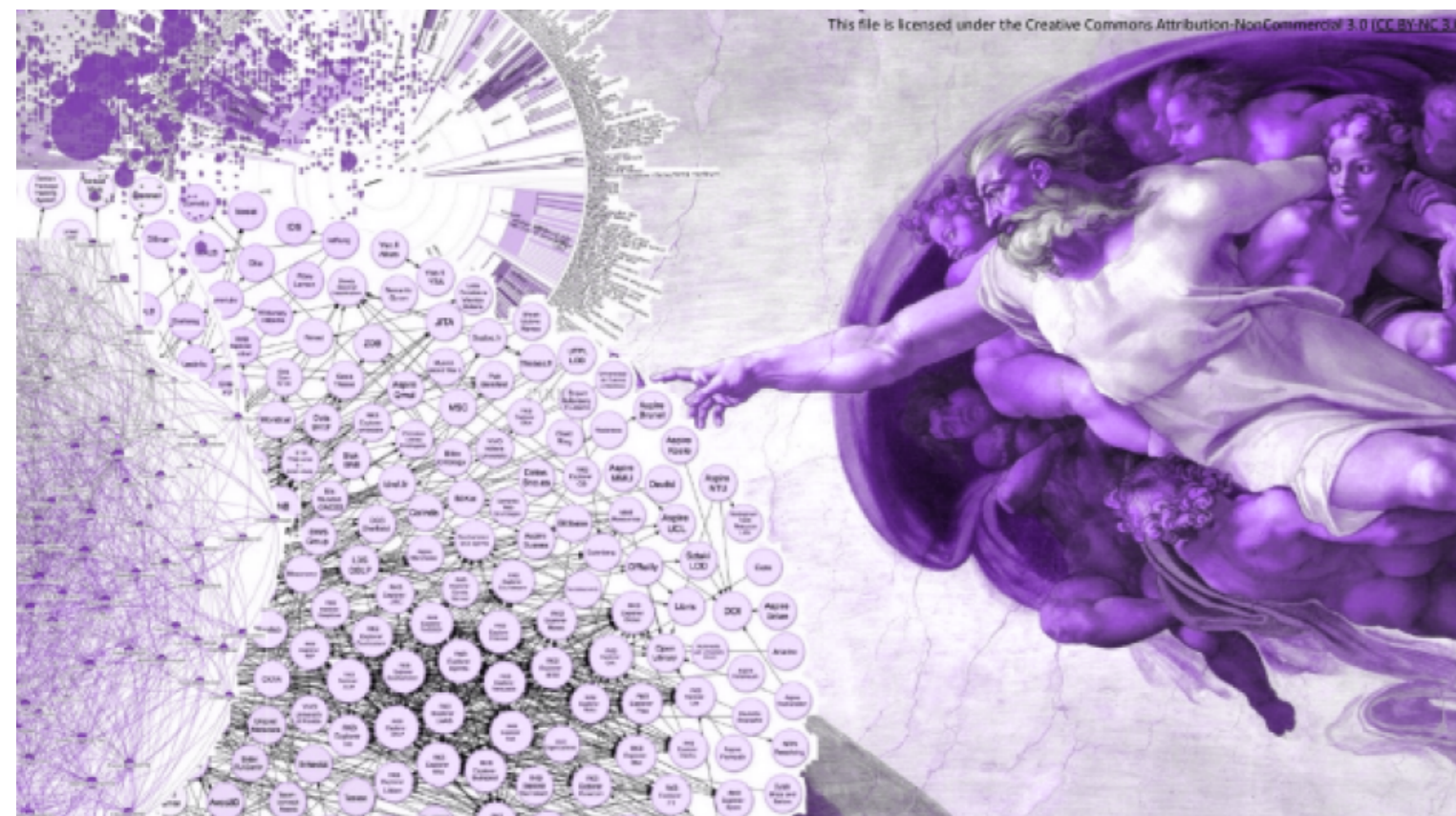


3 **AI in Biomedical Engineering**
KIT Institute of **Biomedical Engineering**



4 **Publication of Large Datasets**
KIT Institute of **Meteorology and Climate Research**

DiTraRe Dimensions



- Reflection and Resonance:** an interactive dialogue between research and society.
- Exploration and Knowledge Organisation:** applied AI: represent, organise, and manage knowledge.
- Legal and Ethical Challenges:** data ethics, data protection, copyright and data law.
- Tools and Processes:** digital tools tailored precisely to the needs of researchers.

Let's connect!

- DiTraRe website: www.ditrare.de/en
- E-mail: ditrare@fiz-karlsruhe.de
- DiTraRe on LinkedIn: www.linkedin.com/company/ditrare
- DiTraRe on Mastodon: sigmoid.social/@DiTraRe
- Zenodo community: zenodo.org/communities/ditrare

