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 a **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.

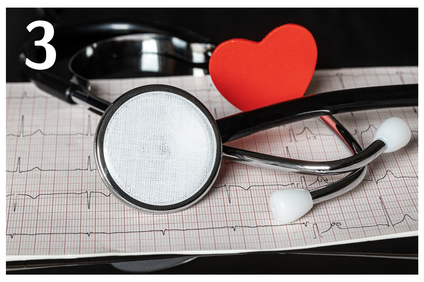
DiTraRe Use Cases

Sensitive Data in Sports Science

KIT Institute of **Sports and Sports Research**

Chemotion Electronic Lab Notebook

KIT Institute of **Biological and Chemical Systems**



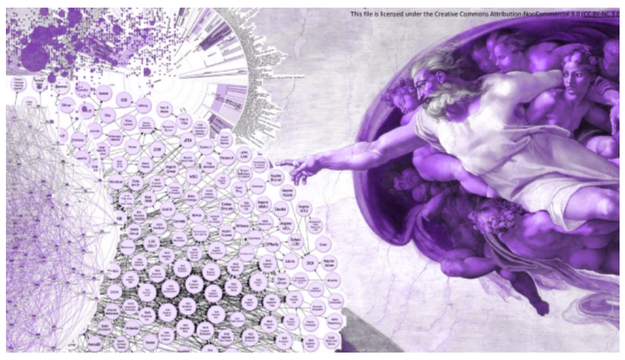
AI in Biomedical Engineering

KIT Institute of **Biomedical Engineering**

Publication of Large Datasets

KIT Institute of **Meteorology and Climate Research**

DiTraRe Dimensions



A. **Reflection and Resonance**: an interactive dialogue between research and society.
B. **Exploration and Knowledge Organisation**: applied AI: represent, organise, and manage knowledge.
C. **Legal and Ethical Challenges**: data ethics, data protection, copyright and data law.
D. **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`

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