

Chemistry ? NFDI4Chem !

Felix Bach, Sonja Herres-Pawlis, Nicole Jung, Oliver Koepler, Johannes Liermann, Steffen Neumann, Matthias Razum and Christoph Steinbeck on behalf of the NFDI4Chem consortium



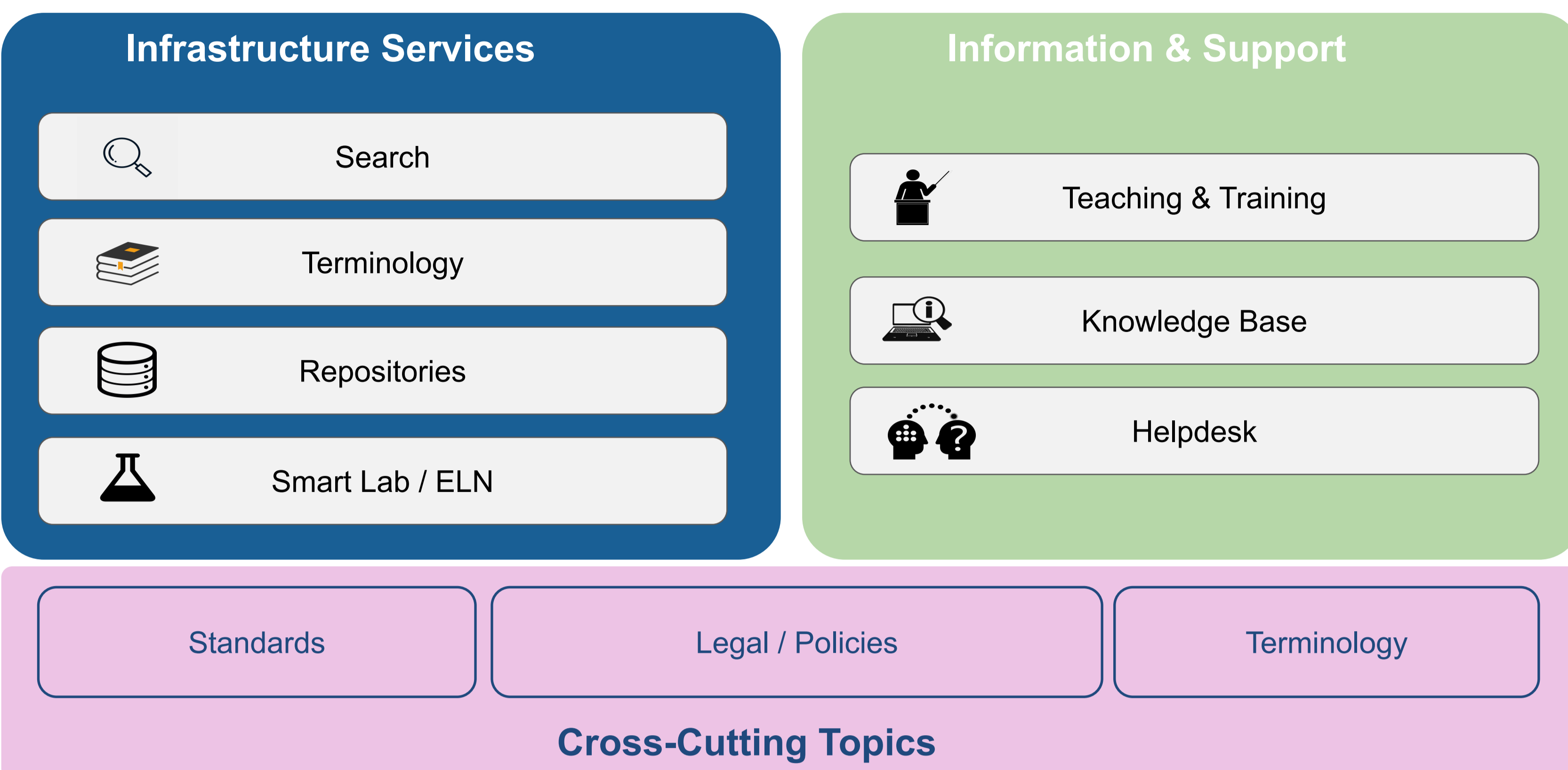
Our vision

NFDI4Chem is a **consortium** of researchers, infrastructure experts and actors of learned societies from all disciplines of chemistry. The NFDI4Chem vision is the digitisation of all key steps of research in chemistry. In the initial phase, NFDI4Chem focuses on **molecules and data for their characterisation** as well as reactions, both experimental and theoretical.

Key objectives

- Objective 1:** Establish a **virtual environment of federated repositories** for storing, disclosing, searching and re-using research data.
- Objective 2:** Community processes to establish **minimum information standards (MI), machine-readable metadata & open data standards**.
- Objective 3:** Foster cultural and digital change towards **Smart Laboratory** by promoting the use of digital tools in all stages of research.
- Objective 4:** Engage with chemistry community through measures to **create awareness & foster adoption of FAIR data management**.
- Objective 5:** Explore **synergies** and promote cross-cutting development.
- Objective 6:** Provide a **legally reliable framework of policies and guidelines** for FAIR research data management.

NFDI4Chem Services



Electronic Laboratory Notebook & Repository: Chemotion

More information:

<https://www.chemotion.net/10.1186/s13321-017-0240-0>

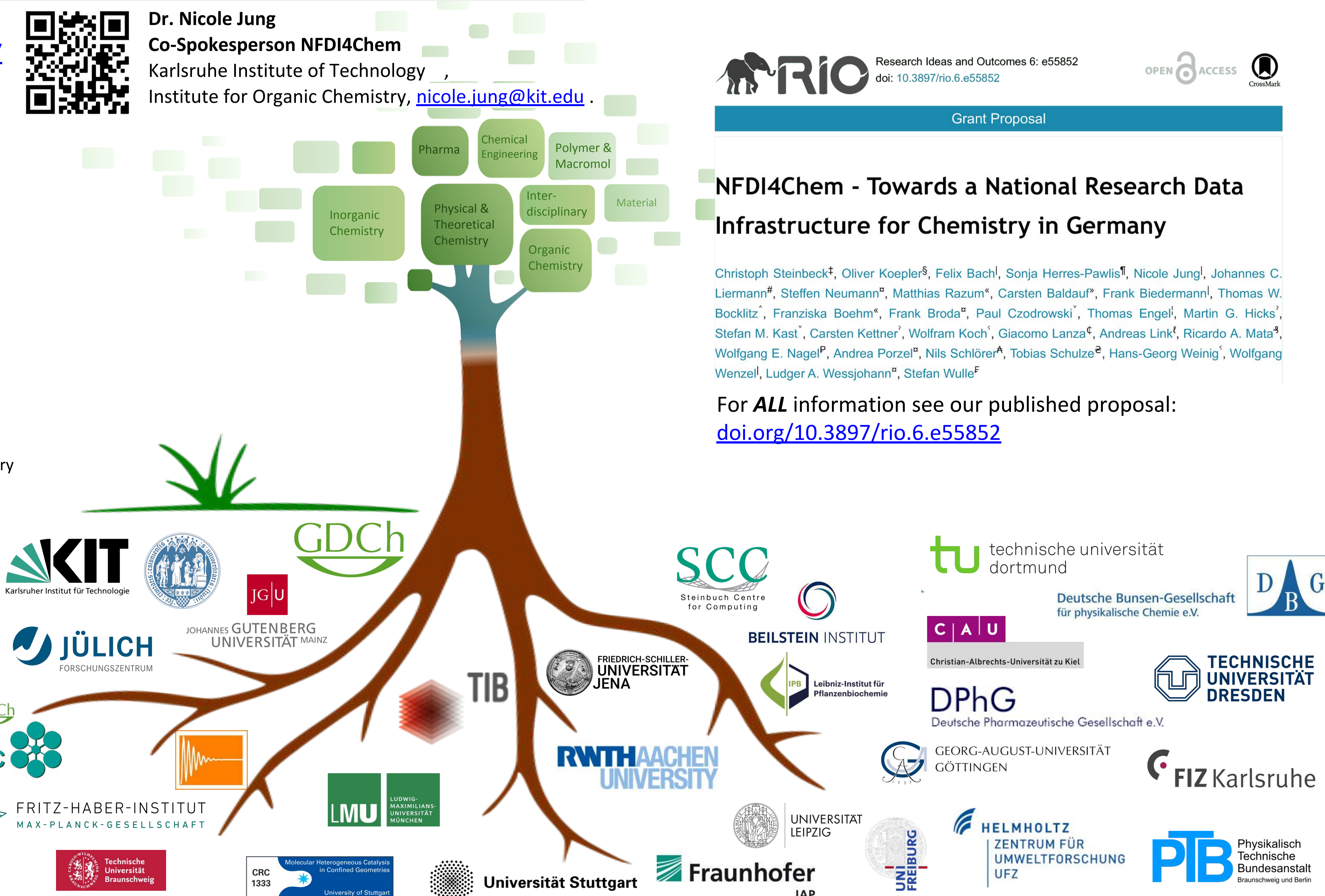


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Our Youtube channel collects webinars, tutorials and **this MinuteMadness**
youtube.com/channel/UCQIKQDiyYFzIUfRdFr9vVJg

Next event is **19.01.2021 @ 15:00**
Joint Webinar: **Ontologies in Science and Technology**
www.nfdi4chem.de/.../joint-webinar-ontologies-in-science-and-technology/

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NFDI4Chem - Towards a National Research Data Infrastructure for Chemistry in Germany

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For **ALL** information see our published proposal:
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