

PRESS RELEASE

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Focusing on researchers: customized research data repositories for the chemistry and cultural heritage communities

As an important player in the NFDI, FIZ Karlsruhe now offers new publication services. These are based on the established research data repository RADAR.

Karlsruhe, 24th of March 2022 – Since the first funding round of the National Research Data Infrastructure (NFDI) in 2020, FIZ Karlsruhe - Leibniz Institute for Information Infrastructure has been significantly represented as a co-applicant in two NFDI consortia. In the consortium for research data on tangible and intangible cultural assets (NFDI4Culture) and in the consortium for chemistry (NFDI4Chem), solutions for research data management are being developed for the respective specialist communities.

With "RADAR4Chem" and "RADAR4Culture", FIZ Karlsruhe now offers powerful services that help researchers in the fields of chemistry and cultural studies to easily publish their research data. The two new RADAR offerings complement the existing portfolio of specialist repositories in chemistry as well as in the entire field of cultural studies, from architecture, art, and music to theater, dance, film, and media studies. Researchers in these disciplines can use the new RADAR offerings free of charge and regardless of their institutional affiliation.

The NFDI aims to build on existing infrastructures and services, whenever possible, and to make them interoperable. In this context, discipline-specific repositories for the publication and long-term archiving of digital research data are of particular importance to the scientific communities. However, existing offerings do not cover all relevant use cases in scientific practice, as emerged from analyses of the NFDI consortia. A generically oriented data repository such as RADAR from FIZ Karlsruhe can help close these gaps.

RADAR is a service designed to meet the needs of researchers and has proven itself over several years. So far, it has been used primarily by academic institutions for institutional research data management. In line with its commitment to sustainability, FIZ Karlsruhe is now making RADAR directly accessible to researchers and adapting the service for the two new offerings RADAR4Chem and RADAR4Culture in order to meet the respective discipline-specific requirements.

Dr. Felix Bach, Head Research Data at FIZ Karlsruhe, says: "RADAR4Chem and RADAR4Culture expand the range of options for FAIR data publication in the disciplines



of chemistry and the cultural sciences and humanities within the framework of the NFDI. Thus, we provide scientists with a low-threshold solution that enables them to publish digital data together with descriptive metadata and Digital Object Identifiers (DOI)“.

The technical infrastructure for RADAR is operated in Germany and is therefore subject to German law. For RADAR4Chem and RADAR4Culture, a storage quota is provided free of charge by FIZ Karlsruhe and by the cooperating data centers at the Karlsruhe Institute of Technology (KIT) and at the Technical University (TU) Dresden. Thus, researchers who want to make their data available in a FAIR way do not have to pay any publication or usage fees. Like RADAR, the two new services enable the publication of any data type and format, thus allowing for a wide range of application scenarios.

Researchers from the respective specialist communities who would like to use RADAR services can find more information on the websites of FIZ Karlsruhe and the [NFDI4Chem](#) and [NFDI4Culture](#).

Further information about [RADAR4Chem](#)

Further information about [RADAR4Culture](#)

FIZ Karlsruhe – Leibniz Institute for Information Infrastructure FIZ Karlsruhe - Leibniz Institute for Information Infrastructure is one of the leading providers of scientific information and services and a member of the Leibniz Association. Our core tasks are the professional provision of research and patent information to science and industry as well as the development of innovative information infrastructures, e.g., with a focus on research data management, knowledge graphs and digital platforms. To this end, we conduct our own research, cooperate with renowned universities and research societies, and are internationally and interdisciplinarily networked. FIZ Karlsruhe is a limited liability company with a non-profit character and one of the largest non-university institutions of its kind. For more information, please visit www.fiz-karlsruhe.de/en

RADAR is a research data service of FIZ Karlsruhe and enables the discipline- and format-independent archiving and publication of digital research data as well as their quality assurance through peer review. Scientific institutions can use RADAR to set up or expand their own research data services. The administration of the service, the individual workflows for upload, organization and annotation of the research data as well as the curation of the datasets are the responsibility of the using institution. RADAR is available in three variants.

[Here](#) you can find details of the range of services, operating variants and contract conditions, as well as numerous other information materials. There is also the opportunity to test RADAR without obligation. The RADAR team will be happy to answer any questions: info@radar-service.eu.



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