

# NFDIxCs - data management for and with Computer Science

*Friday, 21 April 2023 09:30 (30 minutes)*

NFDIxCs is a new consortium starting in 2023 which focuses on the needs of the Computer Science (CS) community. It aims to provide services and workflow to support the FAIR principles for the complex domain-specific data objects from the vast field of Computer Science. This includes producing reusable data objects which contain not only various types of CS data including the associated metadata, but also the corresponding software, context and execution information in a standardized form. A key concept is the use of so-called Research Data Management Containers which can be of any size, structure and quality. NFDIxCs will, in collaboration with other scientific disciplines, support the application of CS methods such as Big Data, Artificial Intelligence and Machine Learning. In addition, in the areas of high-performance computing and computer architecture, which in turn also contribute to the further development of genuine CS methods. The talk will provide an overview on the scope and structure of NFDIxCs consortium.

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