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## Persistent Sample Identification with an IGSN Service at Kiel University

The capture and curation of sample metadata is a crucial element of FAIR data collection, ensuring a consistent record of investigated physical systems. This necessitates the presence of a persistent sample identifier to link sample information with experimental data and electronic laboratory notebooks. The International Generic Sample Number (IGSN) is one such identifier, which is issued by DataCite and adheres to a common metadata standard with general Digital Object Identifiers (DOIs). The ability for strong integration with the DOI ecosystem makes IGSNs an excellent choice for use in DAPHNE4NFDI.

Kiel University hosts a service for registration of IGSN identifiers at the university level. It enables the integration of a content review process in the workflow and generates the necessary landing pages for URL resolution of the persistent identifiers. A dedicated DAPHNE4NFDI repository has been established and registrations from a number of members are already included. Former restrictions on the use by other DAPHNE4NFDI partners have recently loosened, and a request form and template for an IGSN registration at Kiel University are available.

We will discuss the current status and best practices for IGSN registration with this service, and give advice on how to get started with IGSN registrations in an individual capacity to adhere to the FAIR principles in publications.

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