Workshop FAIRe Dateninfrastrukturen für biomedizinische Fachcommunities (WS16)

Dienstag, den 10.09.2019, 08:00 – 10:00 Uhr

Raum A.2.03 Emil-Figge-Str. 42

Organizers: Martin Golebiewski (HITS, Heidelberg, D), Benjamin Löhnhardt & Harald Kusch (Universitätsmedizin Göttingen, D) und Matthias Löbe (IMISE, Universität Leipzig)

This workshop will be organized by the GMDS working group „FAIR data infrastructures for biomedical informatics", which was formed in the beginning of 2019. The aim is to introduce the activities of different projects and research sites in Germany with regard to FAIR (Finadable, Accessible, Interoperable, Re-usable) data management. By an exchange of experience, common concepts (e.g. expansion of FAIR, coordination and development, standards and guidelines, etc.) are supposed to be planned regarding biomedical informatics and their basic data and strategies for implementation are supposed to be developed.

Agenda:

Time	Topic (preliminary)	Presenter
Session 1: FAIR data for biomedical and health research communities		
08:00-08:05	Introduction to the workshop	Martin Golebiewski, Matthias Löbe, Benjamin Löhnhardt, Harald Kusch
08:05-08:20	Introduction to FAIR	Wolfgang Müller
08:20-08:35	RDA, Personal Health Train and GO FAIR in the context of FAIR data infrastructures for biomedical research communities	Oya Beyan (Aachen) *zugesagt*
Session 2: European and international initiatives to pave the way for FAIR data		
08:35-08:45	FAIR4Health	Malte Jauer - *angefragt*
08:45-08:55	HL7 (Health Level 7) International and FHIR	Sylvia Thun (BIH, Berlin) *zugesagt*
08-55:09:05	CDISC (Clinical Data Interchange Standards Consortium)	Bron Kisler (Austin, Texas, USA) - *angefragt*
09:05-09:15	EU-STANDS4PM - A European standardization framework for data integration and data-driven in silico models for personalised medicine	Marc Kirschner (PTJ, Jülich)
Session 3: Life science data management projects in Germany and current developments towards a National Research Data Infrastructure (NFDI)		
09:15-09:25	The Leipzig Health Atlas - A repository for biomedical data	Christoph Beger (Leipzig) *zugesagt*
09:25-09:35	Userreport: FAIRDOM/SEEK for clinical and health data	Christian Bauer (Göttingen) *zugesagt*
09:35-09:45	NFDI4Health – The National Research Data Infrastructure for Personal Health Data	Juliane Fluck (ZBMed, Köln) *zugesagt*
09:45-09:55	NFDI4Medicine	Pollex-Krüger, Semler (TMF) *zugesagt*
09:55-10:00	Conclusions	ALL

This workshop aims at introducing the GMDS-project group as well as approaches of data infrastructure, corresponding initiatives and their platforms (e.g. FAIRDOM, ELIXIR as well as national nodes like the German Bioinformatical

Infrastructure Network (de.NBI), Medical Informatics Initiative (MII), consortia of a yet to be established national research data infrastructure (NFDI), implementations in SFB-INF-projects, etc.) for biomedical basics and translational research, which are based on FAIR principles for scientific data management.

A discussion about the requirements of such infrastructures is supposed to take place among the participants of the workshop. The workshop will start with a keynote presentation about the FAIR guiding principles for scientific data management and stewardship and their implementation in the life sciences, which will be followed by several presentations introducing national and international initiatives that aim at facilitating "FAIRification" of data in the biomedical research area. This will be complemented by interactive discussions of all participants in order to establish an overview of the range of the represented initiatives and platforms, their needs, approaches and solutions in terms of FAIR data management as a basis for the further work of the project group.

The workshop's envisaged target group includes providers of infrastructures that develop and trade FAIR tools and platforms for biomedical research, as well as representatives of relevant expert communities and research networks who are using or intend to use FAIR data infrastructures. Everyone interested in the improvement and enhanced distribution of FAIR data management strategies is invited to participate.