

Zoommeeting Digitization Board 21.12.2023, 8:30-9:35

KFN, Michael Schulz, Andreas Houben, KAT, Andreas Haungs, KFS, Bridget Murphy, KFSI, KfB, RDS, Tobias Buck, KHuK, Sören Lange, Tobias Stockmanns, KET, Günter Quast, Christian Zeitnitz, FI, Markus Demleitner, Kilian Schwarz, BDA, Thomas Kuhr, RDM, Astrid Schneidewind, Monica Valencia-Schneider, UI, Pierre Schnizer, KD, Dirk Lützenkirchen-Hecht, RPB, Günter Duceck, ErUM-Data-Hub, SP, Martin Erdmann

BMBF Strategy Meeting on ErUM-Data

The BMBF Strategy Meeting on ErUM-Data will be held on January 23-24, 2024 in Hamburg. Discussion language is German, Presentations can be in English (S. Bohleber). The new DIG-UM slide templates (or their latex variants) are recommended.

DIG-UM Annual Meeting

Overall, the meeting was rated very positive and informative. Concerning the BMBF view the meeting left many questions open. Internally concerning the topic group presentations, we will work on the level of details that will be presented at the strategy meeting (see below).

Overview Board Meeting following the DIG-UM Annual Meeting

- The OB expressed very positive opinions about the process of preparing the BMBF ErUM-Data Strategy Meeting. The OB endorses rehearsal talks prior to the meeting.
- S. Bohleber hopes for “outcome open discussions” at the Strategy Meeting: Some of the BMBF framework conditions cannot be changed, some procedures or requests can be changed via the upcoming discussions. After the meeting he underlined this point by requesting S. Shokri-Kuehni and S. Bühler to repeat his message in a separate Zoom meeting with the DIG-UM spokesperson (21.12.23 afternoon).
- The OB also discussed a) the upcoming changes in the topic group chairs and deputies, and preparations for the elections in 12/2024, and b) the deadline for comments to the document prepared by several authors of the Federated Infrastructure topic group (8.1.24).

Preparations of the Rehearsal Meetings 15.-16.1.2024

The spokesperson and topic group chairs will have time for 20-25 min. presentations at the strategy meeting. The Overview Board recommended two rehearsal afternoons prior to the meeting, the dates are now fixed. We will invite as guests Thomas Schörner and Christiane Schneide from NFDI:

Monday 15-Jan-24: 15:00-18:00

- DIG-UM & ErUM-Data-Hub, Martin Erdmann
- Federated Infrastructures, Markus Demleitner
- Big Data Analytics, Thomas Kuhr

Tuesday 16-Jan-24: 16:00-19:00

- Research Data Management, Astrid Schneidewind
- User Interface, Pierre Schnizer
- Knowledge Distribution, Dirk Lützenkirchen-Hecht

Zoom <https://rwth.zoom-x.de/j/66327405137?pwd=V0plSUxTZkdSVHpFOWNuSFMzenZEUT09>

Meeting-ID: 663 2740 5137, Kenncode: 176563

As all presentation times are 2-3 times longer compared to the DIG-UM annual meeting, the slides can be still enhanced. The ideas raised in this Digitization Board meeting were:

- Put a general text that is clear and avoids leeway for interpretation,
- Present a selection of concrete research projects as examples (Clearly understandable, makes a good impression: “Wouh-Effekt”).

However note, that the five topic groups have different scopes which can lead to variations in the styles of the presentations.

The first talk “DIG-UM & ErUM-Data-Hub” will include also general open questions arising in our community so far:

- Interplay ErUM-Pro with ErUM-Data: Experiment-related digitalization developments essential for their success as opposed to Cross-community creation & development of broadly applicable solutions
- Matter, Universe, Particle: Applications from two research fields mandatory? Perhaps Differentiated with Software and algorithms=community overarching, but other fields such as research data management for KFS/KFN=within material community?
- Non-university partners mandatory for applications: Industry partner? Partner from large scale research infrastructure?
- Federated Digital Infrastructures, Software & Algorithms, Research Data Management: Separate application fields or possible integration of all three areas in 1 application?
- Recommendation for consortium size of application? For example, large groups Federated Infrastructures, small groups real-time AI?
- We assume: The project description of the applications should be in English, the AZAPs are usually in German?
- Principle investigators from the field of computer science are extremely rare, and the research interests between (theoretical) computer science and development/application projects in ErUM research are often far apart.
- It would therefore also be very important for the expert panel to include experts from the field of digitization who have domain knowledge of ErUM research.
- Where are the boundaries between NFDI and ErUM data, what could lead to the interpretation of double funding? How can partial project funding look like that is disjunctive?
- Can theory groups be included?
- Experienced employees are needed for production quality services in the longer term. How can a continuation or permanent position be realized?
- Can there be transitional funding or onboarding funding that enables the necessary sustainability in the projects? (Problem examples DGRID and EGI: nobody talks about these projects and their work anymore).
- Can there be onboarding funding for the transfer between the ErUM communities?
- Transfer in general, where are the opportunities for new developments with multiple applications within and outside ErUM research?
- Will there be a one-stage application process this time?
- How will the different stages of development be dealt with? One possible example is KAT/KET/KHuK/RDS far advanced in ML, others have just started?

DIG-UM nomination & election procedures

We note that we need to nominate three positions in the topic groups “research data management” (2 positions) and “federated infrastructures” (1 position). The Digitization Board will work on nominations, which will then be endorsed by the Overview Board.

Within the DIG-UM annual meeting 12/24 we will have elections for a new spokesperson for a two-years term that needs to be prepared well in advance during 2024. Simultaneously In 12/24, the Digitization Board is responsible for nominating the topic group chairs and deputies for a continuing two-years mandate, or new topic group chairs and deputies. The new team then needs to be endorsed by the Overview Board.

Next Meetings:

Next Meeting [11-Jan-2024](#), 8:30-9:30 **Topic Group Chairs & Deputies**

Next Meeting [1-Feb-2024](#), 8:30-9:30 **Digitization Board: Reports from Strategy Meeting**

Overview Board 12-Dec-2023

Committee		Representative	Deputy
Forschung mit Synchrotronstrahlung	KFS	Christian Gutt	Bridget Murphy
Rat Deutscher Sternwarten	RDS	Stefanie Walch-Gassner	Volker Springel
Hadronen- und Kernphysik	KHuK	Michael Block	Anton Andronic
Elementarteilchenphysik	KET	Markus Schumacher	Lutz Feld
Forschung mit Neutronen	KFN	Mirjam Zobel	Sabrina Disch
Astroteilchenphysik	KAT	Uli Katz (Vorsitz)	Kathrin Valerius
Beschleunigerphysik	KfB	Erik Bründermann (Deputy)	Florian Hug
Forschung mit nuklearen Sonden & Ionenstrahlen	KFSI	Günther Dollinger	Daniel Severin
Guests:			
BMBF	BMBF	Simon Bohleber	
DESY Projektträger	PT.DESY	Salome Shokri-Kuehni	Sarah Bühler
Chair Resource Provider Board		Günter Duceck	
Spokesperson		Martin Erdmann	
Scientific Secretary		Dirk Lützenkirchen-Hecht	

Digitization Board from 20-Dec-2023

Committee		Representative	Deputy
Forschung mit Synchrotronstrahlung	KFS	Dirk Lützenkirchen-Hecht	Bridget Murphy
Rat Deutscher Sternwarten	RDS	Marcus Brüggem	Tobias Buck
Hadronen- und Kernphysik	KHuK	Tobias Stockmanns	Sören Lange
Elementarteilchenphysik	KET	Günter Quast	Christian Zeitnitz
Forschung mit Neutronen	KFN	Michael Schulz	Andreas Houben
Astroteilchenphysik	KAT	Andreas Haungs	Gernot Maier
Beschleunigerphysik	KfB	Erik Bründermann	
Forschung mit nuklearen Sonden & Ionenstrahlen	KFSI	Judith Reindl	
Spokesperson		Martin Erdmann (Spokesperson)	
Topic Group Federated Infrastructure		Markus Demleitner*	Kilian Schwarz
Topic Group Big Data Analytics		Thomas Kuhr*	Jan Steinheimer
Topic Group Research Data Management		Astrid Schneidewind*	Monica Valencia-Schneider
Topic Group User Interface		Pierre Schnizer*	Tim Ruhe
Topic Group Knowledge Distribution		Dirk Lützenkirchen-Hecht*	Judith Reindl
Representative Resource Provider Board		Günter Duceck	Thorsten Kollegger
ErUM-Data-Hub (Guest)		Angela Warkentin	
ErUM-Data-Hub (Guest)		Peter Fackeldey	
ErUM-Data-Hub (Guest)		Benjamin Fischer	

*Deputy Spokesperson

Resource Provider Board 22-Jul-2023

Computing Site	Representative	email	Deputy	email
DESY	Volker Gülzow	volker.guelzow@desy.de	NN	
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AIP	Harry Enke	henke@aip.de	Arman Khalatyan	akhalatyan@aip.de
TIER 2 Sites:				
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