Zoommeeting Digitization Board 22.12.2022, 8:30-9:40

KHuK, Sören Lange, Tobias Stockmanns, KET, Günter Quast, KFN, Tobias Richter, KFSI, KAT, Andreas Haungs, KFS, Bridget Murphy, KfB, Erik Bründermann, RDS, FI, Kilian Schwarz, BDA, Thomas Kuhr RDM, Astrid Schneidewind, Monica Valencia-Schneider, UI, Pierre Schnizer, Tim Ruhe, KD, Dirk Lützenkirchen-Hecht, Judith Reindl, RPB, Günter Duckeck, ErUM-Data-Hub, SP, Martin Erdmann

Contact on BMBF Funding Scheme

Initiated by the Digitization Board (minutes 22.12.22), the informal exchange on the ErUM-Data funding schedule with PT.DESY took place on 16.1.23 (Marvin Berlinhof, Martin Erdmann). The problem of simultaneity in the ErUM-Data - NFDI personnel search will be taken up in their internal discussions. For technical reasons, it would be extremely difficult to reschedule the funding periods.

Train-the-Trainer Workshop München 7./8.2.23

The TTT workshop is completely planned (Thomas Kuhr, Lukas Heinrich), very good speakers and participants are already confirmed. In total there are 27 registrations. At the suggestion of the Digitization Board, a video recording will also be organized.

Day	Topic	Speaker
Tuesday	Neural Network Building Blocks	Johannes Erdmann
	Mastering Model Building	Nicole Hartmann
	Convolutional Neural Networks	Judith Katzy
Wednesday	Recurrent Neural Networks	Nikolai Hartmann
	Introspection of Neural Networks	Sven Krippendorf

Big-Data-Analytics Connection Workshop Programme 23./24.2.23

The workshop is planned by Gregor Kasieczka, Thomas Kuhr, Jan Steinheimer. With the help of Marvin Berlinghof, all consortia that had applied for ErUM-Data funding in the Software & Algorithms call were contacted and informed about the workshop. Currently, there are 39 registered participants. The agenda includes presentations of PT.DESY, the funded consortia, as well as contributions from the consortia that are not funded in this call. Time is also scheduled for discussions on what training, outreach is needed and what other funding opportunities could be targeted. Zoom access will be organized to enable interested colleagues to participate in case they cannot travel.

ErUM-Data – NFDI Workshop 13./14.3.23

The workshop planning is well advanced (Monica Valencia-Schneider, Astrid Schneidewind). Due to a larger fair in Cologne starting March 14 and related exorbitant hotel costs, it is being considered to change the location of the meeting. The first option is the Max Planck Institute for Radio Astronomy in Bonn, Monica will inquire about this. The second option would be a meeting in Hamburg at DESY, here Kilian will take care of seminar room and places in the guest house. A third option would be a meeting in Munich, which can be evaluated by Astrid - just in case.

The agenda for the meeting is well advanced. This includes in particular the overlap between the physics-related NFDI consortia (including colleagues targeting Base4NFDI, NFDI4Phys). Particular attention will be paid to that part of the astronomy community, which has not been funded to date. Consideration is also being given to a focus on large data set management, where on the astronomy side the SKA and black hole imaging projects might be interested. On this topic, an experienced expert from CERN could be invited, for example Mario Lassnig, who is a central person in the development of the RUCIO project. It would also be interesting to have a historical overview of how social life has been changed by data. Overall, the discussion should move towards a white paper to achieve concrete input for the strategy meeting for the next funding period. Furthermore, the topics on the synergy of NFDI and ErUM-Data should be discussed further, whereby small group work is also envisaged during the workshop.

Sustainability Workshop 30.5.-2.6.23
The program is currently organized by Michael Bußmann, Markus Demleitner, Günter Duckeck, Martin Erdmann, Peter Fackeldey, Benjamin Fischer, Stefan Funk, Thomas Kuhr, Michael Lupberger, Pardis Niknejadi, Markus Roth, Astrid Schneidewind, Achim Streit, Angela Warkentin. The workshop goal is to produce a short report on strategic concepts for sustainability transformation in ErUM-Data from the funding applications on. Taken into account are BMBF sustainability goals, i.e., measures in education, research and innovation. With envisaged 30 participants, the program of the workshop focusses on working sessions with 6 sub-groups - informed by keynote presentations of high-profile experts – to collect information for the write-up.

Publication of the Federated Infrastructure White Paper:
The white paper on the federated infrastructure needs of the ErUM communities will be published under the names of the authors (Kilian Schwarz et al.). The white paper will be available on www.erumdatahub.de for comments shortly. After a 2-weeks period the leading authors will inform the ErUM committees about their plan to publish the white paper in the journal Computing and Software for Big Science.

Update & perspectives on ErUM-Data-Hub Team
The current status is: Angela Warkentin has taken over as ErUM Data Hub team leader after a very good onboarding into all ErUM-Data-Hub tasks. Peter Fackeldey, as Referent, is significantly advancing the professional development of the ErUM-Data-Hub. Benjamin Fischer gives technical support [with background knowledge Higgs analyses at CERN, cloud services for data analyses]. He has taken over the task from Dr. Andreas Nowack (until 12/31/22). Jana Moser does the financial administration since 12/2021.
The outlook is: The scientific communications position is newly posted with deadline 15.2.23:
https://www.rwth-aachen.de/go/id/kbag/file/V000004417
We have capacities for additional Referent:innen and will initiate further calls. New is that also `external´ Referent:innen can be considered. Everybody is asked to look for suitable persons and talk to Martin Erdmann.

Future monthly meetings
- Next Meeting 9-Feb-2023, 8:30-9:30 **Topic Groups**
- Next Meeting 9-Mar-2023, 8:30-9:30 **Digitization Board**

Kalender 2023