

Zoommeeting Chairs & Deputies Topic Groups 27.6.2024, 8:30-9:25

Fl, Kilian Schwarz, BDA, Jan Steinheimer, Thomas Kuhr, RDM, Michael Schulz, UI, Pierre Schnizer, Tim Ruhe, KD Dirk Lützenkirchen-Hecht, ErUM-Data-Hub, SP, Martin Erdmann

ErUM-Data-Connect Day 10.6., TR, KS, JS, MS, ME

The Connect Day was very much appreciated by the 35 participants from 6 ErUM communities. All pitches & slides: <https://indico.desy.de/event/44471/timetable/#20240610>. There was sufficient discussion time during coffee and lunch, overall a very good starting point for further developments towards consortia for ErUM-Data applications. Support for follow-up meetings can be received from the ErUM-Data-Hub <https://erumdatahub.de/event-support>.

ErUM-Data Sustainability Afternoon 17.6., TK, ME

The virtual sustainability workshop was intended as a follow-up of the May 2023 workshop in Meinerzhagen and open to everybody interested (17 participants, 7 ErUM communities): What has meanwhile been achieved in terms of actions? Ca. 10 one-slide-pitches were presented and discussed including Belle II-Collaboration CO2e footprints, regular DESY teachings on using their computing more sustainably, all can be found at <https://indico.desy.de/event/44490>. The next virtual meeting is planned for Nov. 24.

Analysis Facility Meeting, Garching 18-20.6., TK

Focus of this workshop was discussing the vision of how we want to perform scientific analysis in ErUM in future. The ca. 20 participants were mainly from particle physics (also CERN, DESY), but also included synchrotron and neutron contributions and representatives of NFDI (PUNCH, DAPHNE). An initial white paper exists already that is further specified through newly initiated working groups. A workshop summary will be finalized in the next weeks and distributed. The complementarity with other planned ErUM-Data applications and NFDI consortia will be discussed.

<https://indico.desy.de/event/44722>

BMBF Fachgespräch KI 21.6., ME

BMBF Division 7 "Provision for the Future - Research for Basic Principles and Sustainable Development" met with its sub-departments for an overarching discussion day on the topic of artificial intelligence. Three external speakers were invited to give 15-minute presentations followed by a 45-minutes discussion. The key message of my presentation "AI in basic research in physics" was that there is great potential for innovation in the combination of (physics) expertise and AI knowledge. Conclusion: Artificial intelligence will continue to be pursued as an important cross-cutting topic in the Division 7.

User Interface: Physics GPT Meeting 26.6., TR, PS

Input on using Large Language Models in physics was given by two presentations, one focusing on student interests (finding answers from lecture script, generator for oral-exam questions), a second on researchers support of finding relevant publications using open source LLM models. In view of the ErUM-Data call the group plans for a consortium on leveraging large language models in order to make certain day-to-day research tasks easier. See also Hamburg workshop on LLMs 21.–23. Feb. 2024 <https://indico.desy.de/event/38849>.

Recommendations 2nd BMBF PRISMA Trialog, 26.6., TK, ME

Mrs Basters (PT.DESY) drafted recommendation from the 2nd BMBF Prisma Trialog "Nachhaltigkeit in der Forschung an Großgeräten: Ressourceneffizienz und Zukunftssicherung". The working group 3

discussed on June 26 to suggest only one correction, namely the use of the first sentence in Recommendation 1 as a preamble: "The transformation to greater sustainability in science requires resources that must be made available."

Topic Groups

All topic groups are planning for further internal and common strategy meetings within the upcoming months.

Next Meetings:

Next Meeting **11-July-2024, 8:30-9:30 Digitization Board**

Next Meeting **25-July-2024, 8:30-9:30 Topic Group Chairs & Deputies**

Januar	Februar Hackathon	März	April	Mai	Juni	Juli	August	September	Oktober Software Workshop	November Besuch ERUM- Communities	Dezember DIG-UM Annual Meeting
1 Mo <i>Neujahr</i>	1 Do	1 Fr <i>Career Day</i>	1 Mo <i>Ostermontag</i>	1 Mi <i>Tag der Arbeit</i>	1 Sa	1 Mo	1 Do	1 So	1 Di	1 Fr <i>Abkehrigen</i>	1 So <i>1. Advent</i>
2 Di	2 Fr <i>Semesterende NFW</i>	2 Sa	2 Di <i>Semesterbeginn</i>	2 Do	2 So	2 Di	2 Fr	2 Mo	2 Mi	2 Sa	2 Mo
3 Mi	3 Sa	3 So	3 Mi	3 Fr	3 Mo	3 Mi	3 Sa	3 Di <i>CERN70 Berlin</i>	3 Do <i>Tag der Di. Einkehr</i>	3 So	3 Di
4 Do	4 So	4 Mo <i>DPG</i>	4 Do	4 Sa	4 Di	4 Do	4 So	4 Mi	4 Fr	4 Mo	4 Mi
5 Fr	5 Mo	5 Di <i>Teilchenphysik</i>	5 Fr	5 So	5 Mi	5 Fr	5 Mo	5 Do	5 Sa	5 Di	5 Do
6 Sa <i>Heilige Drei Könige</i>	6 Di	6 Mi	6 Sa	6 Mo	6 Do	6 Sa	6 Di	6 Fr	6 So	6 Mi	6 Fr
7 So	7 Mi	7 Do	7 So	7 Di	7 Fr	7 So	7 Mi	7 Sa	7 Mo	7 Do	7 Sa
8 Mo	8 Do	8 Fr	8 Mo <i>Pharisäer Mt.</i>	8 Mi	8 Sa	8 Mo	8 Do	8 So	8 Di	8 Fr	8 So
9 Di	9 Fr	9 Sa	9 Di <i>Gessen</i>	9 Do <i>Christi-Himmelfahrt</i>	9 So	9 Di	9 Fr	9 Mo	9 Mi	9 Sa	9 Mo
10 Mi	10 Sa	10 So	10 Mi	10 Fr	10 Mo	10 Mi	10 Sa	10 Di	10 Do	10 So	10 Di
11 Do	11 So	11 Mo <i>DPG</i>	11 Do <i>Workshop Analysis Facilities 8.4. - 12.4.2024</i>	11 Sa	11 Di	11 Do	11 So	11 Mi	11 Fr	11 Mo	11 Mi
12 Fr	12 Mo <i>Rosenmontag</i>	12 Di	12 Fr	12 So <i>Muttertag</i>	12 Mi	12 Fr	12 Mo	12 Do	12 Sa	12 Di <i>Community</i>	12 Do
13 Sa	13 Di	13 Mi	13 Sa	13 Mo	13 Do	13 Sa	13 Di	13 Fr	13 So	13 Mi <i>Besuche</i>	13 Fr
14 So	14 Mi	14 Do	14 So	14 Di <i>VLCG HEP Talk</i>	14 Fr	14 So	14 Mi	14 Sa	14 Mo	14 Do	14 Sa
15 Mo	15 Do	15 Fr	15 Mo	15 Mi <i>PRISMA Teilung Nachhaltigkeit</i>	15 Sa	15 Mo	15 Do	15 So	15 Di	15 Fr	15 So
16 Di	16 Fr	16 Sa	16 Di	16 Do	16 So	16 Di	16 Fr	16 Mo	16 Mi	16 Sa	16 Mo
17 Mi	17 Sa	17 So	17 Mi	17 Do	17 Sa	17 Mo <i>Saxonia tag Online</i>	17 Mi	17 Sa	17 Di <i>User Interface</i>	17 Do	17 So
18 Do	18 So	18 Mo <i>DPG</i>	18 Do	18 Sa	18 Di	18 Do <i>Analysis Facilities</i>	18 Mo	18 So	18 Mi <i>Dortmund</i>	18 Fr	18 Mi
19 Fr	19 Mo	19 Di	19 Fr	19 So <i>Pilgrim</i>	19 Mi <i>Garching</i>	19 Fr	19 Mo	19 Do	19 Sa	19 Di	19 Do
20 Sa	20 Di	20 Mi <i>KFS Workshop</i>	20 Sa	20 Mo <i>Pilgrim Anfang</i>	20 Do	20 Sa	20 Di <i>Computing</i>	20 Fr	20 So	20 Mi	20 Fr
21 So	21 Mi	21 Do <i>Garching</i>	21 So	21 Di <i>School</i>	21 Fr	21 So	21 Mi <i>School</i>	21 Sa	21 Mo	21 Do	21 Sa
22 Mo <i>Workshop*</i>	22 Do	22 Fr	22 Mo	22 Do <i>DL</i>	22 Sa	22 Mo	22 Do	22 So	22 Di <i>CHEP</i>	22 Fr	22 So
23 Di <i>ERUM</i>	23 Fr	23 Sa	23 Di <i>Hannover</i>	23 Do <i>Advanced</i>	23 So	23 Di	23 Fr	23 Mo	23 Do	23 Sa	23 Mo
24 Mi <i>Strategie</i>	24 Sa	24 So	24 Mi <i>Messe</i>	24 Do <i>Einbau der Four</i>	24 Mo	24 Mi	24 Sa	24 Di	24 Do	24 So	24 Di <i>Heiligabend</i>
25 Do <i>Leiden</i>	25 So	25 Mo <i>TTI</i>	25 Do	25 Sa	25 Di	25 Do	25 So	25 Mi	25 Fr	25 Mo	25 Mi <i>1. Weihnachtsfesttag</i>
26 Fr	26 Mo <i>School</i>	26 Di <i>Dresden</i>	26 Fr	26 So	26 Mi	26 Do	26 So	26 Mo	26 Do	26 Sa	26 Di <i>2. Weihnachtsfesttag</i>
27 <i>Workshop on Generative Models 27.2. - 29.2.2024</i>	27 Di <i>DL Basics</i>	27 Mi	27 Sa	27 Mo	27 Do	27 Sa	27 Di <i>pyHEP.dev</i>	27 Fr	27 So	27 Mi <i>Ende der Sommerzeit</i>	27 Fr
28 <i>ivv</i>	28 Mi <i>Honolulu Post</i>	28 Do	28 So	28 Di	28 Fr	28 So	28 Mi	28 Do	28 Mo	28 Do	28 Sa
29 <i>ivv</i>	29 Do <i>Vink</i>	29 Fr <i>Katholiktag</i>	29 Mo	29 Mi	29 Sa	29 Mo	29 Do	29 So	29 Di	29 Fr	29 So
30 Di	BDA Annual Meeting 29.2. - 1.3.2024	30 Sa	30 Di <i>EUCARF Con24</i>	30 Do <i>Frijo- Abkühlen</i>	30 So	30 Di	30 Fr	30 Mo <i>Semesterende</i>	30 Mi	30 Sa	30 Mo
31 Mi		31 So <i>Beginn der Sommerzeit</i>	31 Di	31 Fr	31 Mo	31 Mi	31 Sa	31 Do <i>Reform- sonntag</i>	31 Mi	31 Do	31 Di <i>Silvester</i>