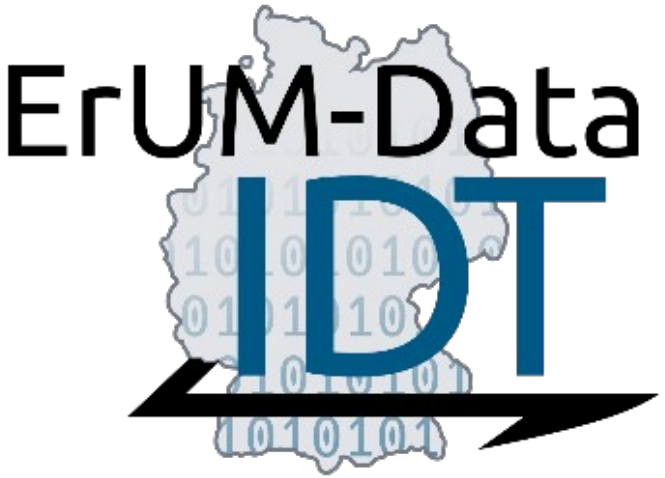
Collaboration Meeting

of the BMBF Verbundprojekt

Innovative Digtale Technologien für die Erforschung von Universum und Materie



02.04.2020

Thomas Kuhr
LMU München

Bundesministerium
für Bildung
und Forschung

Half Time

- What is our score at half time?
- Are we doing more than exciting projects within one experiment / one group?
- → Yes, e.g. COBaID/TARDIS, Compute Site in a Box, collection of machine learning problems, ACTS

- → Continue in the direction of experiment overarching projects and collaborations among groups and communities
- Focus of talks at this collaboration meeting

Intermediate Report

- Report for period 01.10.2018 – 31.12.2019 due end of April
- Instructions on DESY PT web page
- Common part describing the collaboration among partners and contributions of associated partners will be submitted as separate document by coordinator
- Draft attached to agenda
- Discussion later today

Strategiegespräch

- Strategy meeting organized by BMBF on May 28/29 to collect input for the preparation of calls for the next funding period
- 15 minutes (including discussion) on computing
- Will ask for input and will circulate slides

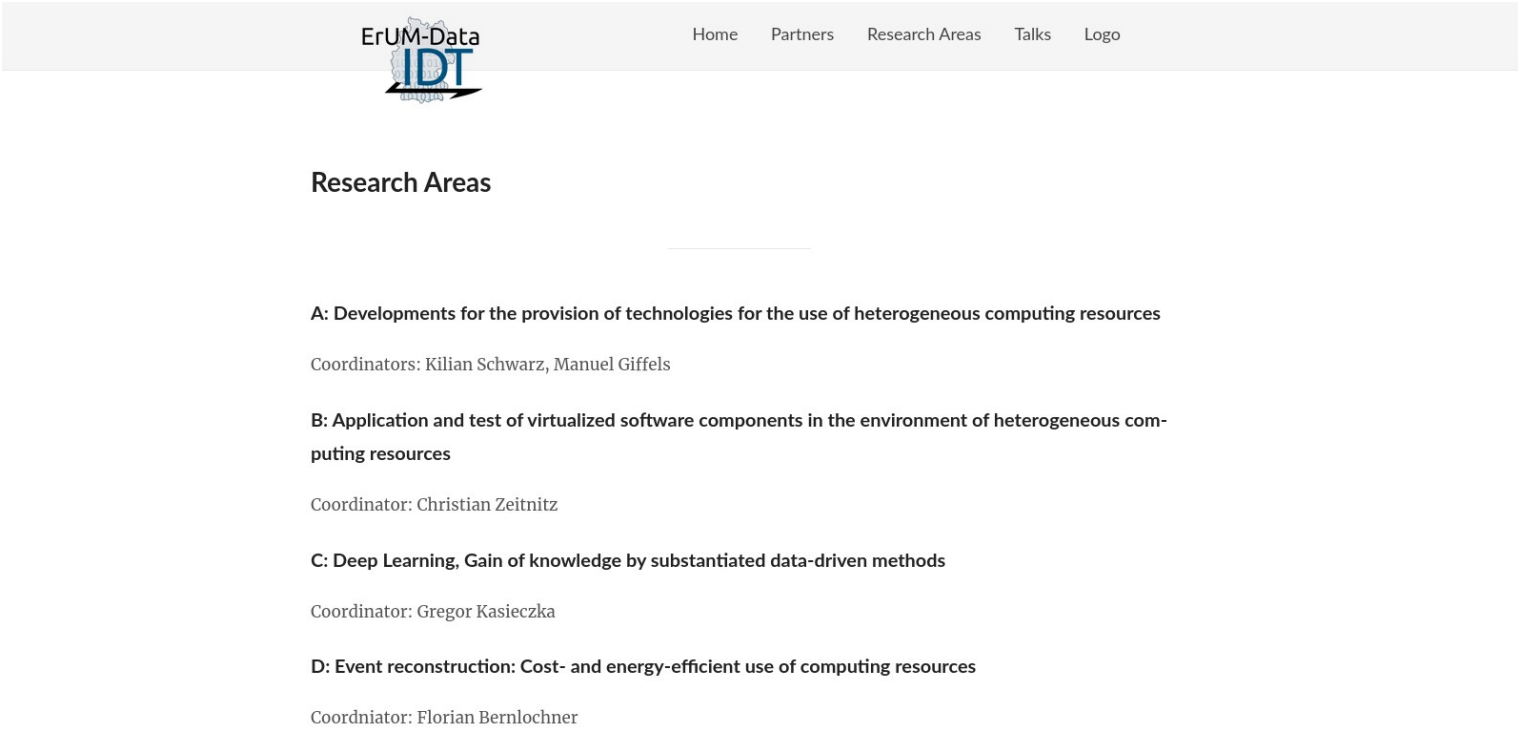
→ Continuation of our pilot project?

→ ErUM Data action plan?

→ ErUM Data umbrella organization?

Web Page

- https://www.erum-data-idt.de/



- ➔ Contributions to content welcome:
  `git clone git@github.com:erum-data-idt/website.git`

Results

ErUM-Data IDT

Home Partners Research Areas Talks Logo

Talks

- Manuel Giffels: Effective Dynamic Integration and Utilization of Heterogenous Compute Resources, CHEP 2019
- Max Fischer: Lightweight dynamic integration of opportunistic resources, CHEP 2019
- Christian Schmitt: Highly Performant, Deep Neural Networks with sub-microsecond latency on FPGAs for Trigger Applications, CHEP 2019
- Ivan Kisel: An express data production chain in the STAR experiment, CHEP 2019
- Ivan Kisel: Missing mass method for reconstruction of short-lived particles, CHEP 2019
- James Kahn: Selective background Monte Carlo simulation at Belle II, CHEP 2019
- Thomas Kuhr: Generation of Belle II Pixel Detector Background Data with a GAN, CHEP 2019
- Thomas Kuhr: Collaborative Research Project - Innovative Digital Technologies for Research on Universe and Matter, HOW 2019

Posters

- Max Fischer: Distributed Caching in the WLCG, CHEP 2019
- Marcelo Vogel: Standalone containers with ATLAS offline software, CHEP 2019

➔ Please make sure the results you mention in your report also appear on the web page!

Meetings

Meetings are important for collaborations

- Regular remote meetings of subject areas
- Next collaboration meeting September/October, location?

DFNconf for meetings of up to 23 participants:

- https://conf.dfn.de/webapp/conference/97979427
- Phone: 0049 30 200 979 – 0, enter 97979427#
- Pexip app: 97979427@conf.dfn.de
- Works on linux
- Ask me for host pin