OVERVIEW OF TA 5

Overall:
- Workshop with XFEL at DESY fixed June 15/16 - TA5-WP2 and Neural networks on FPGAs, Indico page evolving: https://indico.desy.de/event/39436/
  → Announcements for PUNCH&DAFNE, NFDI(?)
- Discussion and publication of metadata document
  →Inter-TA meeting on April 26
  →Work on update (following up comments)

Status of deliverables:
- D-TA5-WP2-1: Curation & metadata schemes for dynamic filtering → to be documented
- D-TA5-WP2-2: Strategy concept for identifying highly complex (multi-parametric) signals in huge data streams.
    → document circulated in TA5, due June 2023
- D-TA5-WP3-1: Specifying the concept of a dynamic archive: Requirements in relationship to other WPs (information loss, dynamic filters, scalable workflows and simulated catalogs) as well as to information in traditional archives (other TAs).
    → document in overleaf, postponed until June 2023

WP status / next updates:
- Combined WP2/WP3 meeting: 25/05/ at 10 am
- Discussions about guidelines for scalable/maintainable code design

Regular meeting slots + INDICO for TA & WPs:
https://indico.desy.de/category/893/
TA5 meeting time Thursday 9-10 (monthly)
TA5-WP4 meeting time Wednesday 11-12 (monthly)
TA5-WP2 FPGA meetings Monday 11:30 - 13:00 (monthly)

Connection to institutes
- TA5-WP1 (Implications for discovery potential and reproducibility): FZJ, HTW, MPIfR, UBiel, UHeid
- TA5-WP2 (Dynamic filtering): DESY-HH, FIAS, MPIfR, TUDo, TUDd, UHeid, UMainz
- TA5-WP3 (Dynamic archiving): DESY-Z, HTW, MPIfR, UBiel
- TA5-WP4 (Scaling workflows): FIAS, FZJ, HTW
- TA5-WP5 (Evaluation and validation of instrument response & characteristics): MPIfR, TUDo, TUDd, UHeid

People employed for TA (with institute / FTE fraction)
- M. Sowinski employed by Jülich (0.5 PhD position)
- Vadim Vybornov at Jülich
- J. Voigt at Dresden
- V. Lenok at Bielefeld
- Andrei Kazantsev at Bonn (1 FTE)
- Tanumoy Saha, Marcel Trattner at HTW Berlin
- Gautam Dange at FIAS