

OVERVIEW OF TA 5

Overall:

- Working group meetings on utilization of FPGAs:
 - <https://indico.desy.de/event/37902/>
- Document for metadata concept
 - Hierarchical & dynamic metadata scheme
 - Relevant use cases and references extended
- Discussion and publication of metadata document
→ Inter-TA meeting

Status of deliverables:

- **D-TA5-WP2-1: Curation & metadata schemes for dynamic filtering → 1st version available**
- D-TA5-WP2-2: Strategy concept for identifying highly complex (multi-parametric) signals in huge data streams.
- 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 present in traditional archives (other TAs).

WP status :

- WP2: Regular meetings (bi-weekly)
- WP4: Regular meetings (monthly)

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 as Postdoc at HTW Berlin
- Marcel Trattner at HTW Berlin