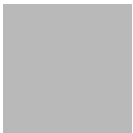


PAUL SCHERRER INSTITUT



AWI Department update

Dept meeting 09 of January 2024



- Roles summary:

- 7901

- Matias started

- Dima has left

- 7903

- ORD M2 pending

- 7904

- Joshua still on long term sickness leave.

- 31 Roles

- 10 Fixed Term

- 1 Vacancies/TBR

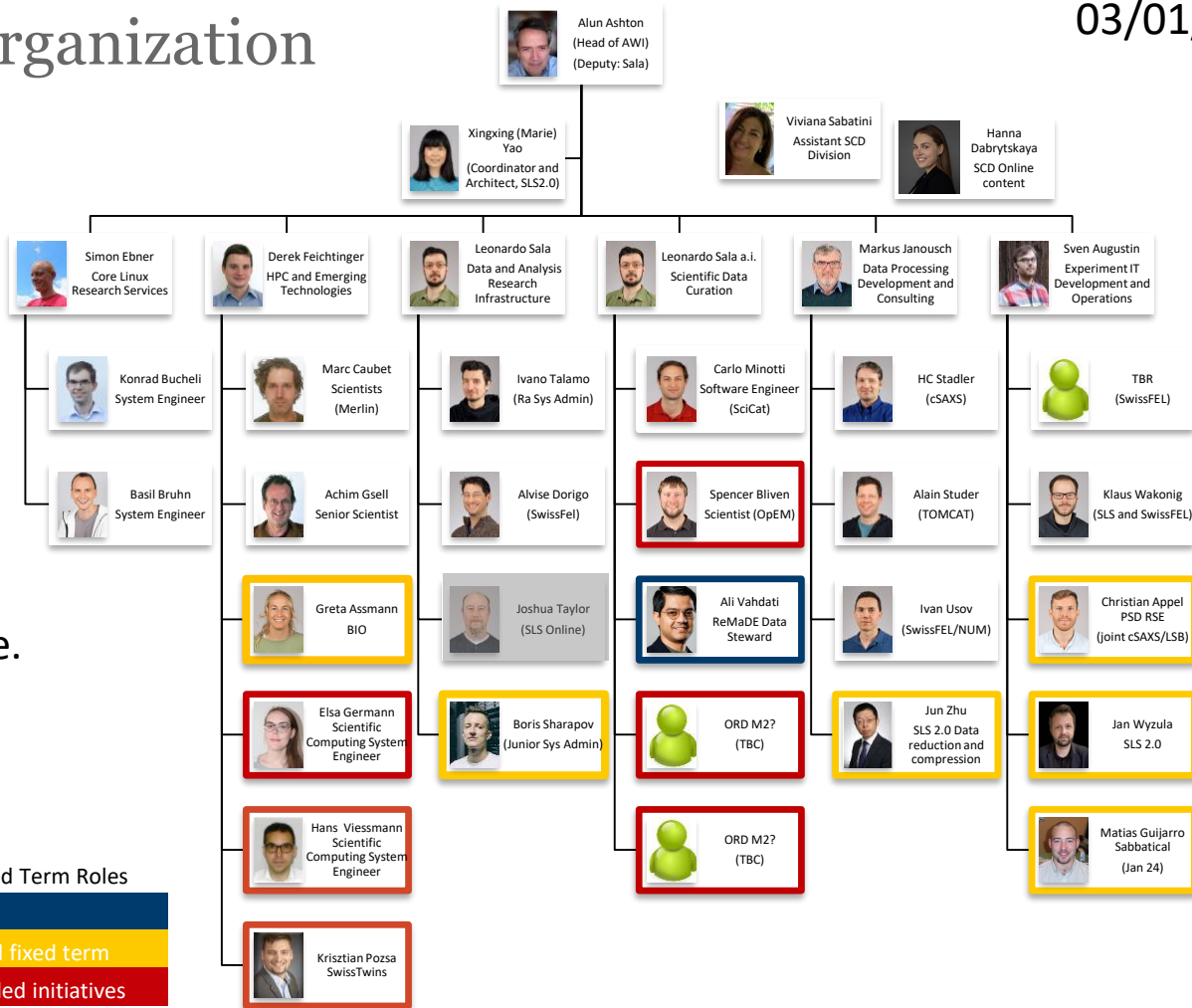
- +2? Pending

Key to Fixed Term Roles

EU Funded

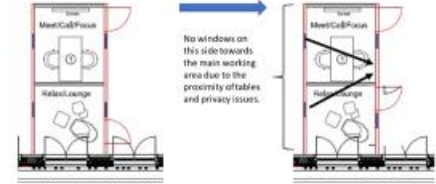
PSI Funded fixed term

Swiss Funded initiatives




- Furniture:
 - Normal lockers pending
 - Blue/black chairs will be swapped
- Walls to remaining breakout rooms
 - Expected late Jan ish
- A delegation of NUM is going to visit OBBA on Wednesday morning (10.01. 10:00 - 12:00)
- Guidelines:
 - <https://psich.atlassian.net/wiki/spaces/SCD/pages/15302658/OBBA+2nd+floor+open+plan+area+guidelines>
 - Meeting rooms 212 and 213 now bookable (214 no longer bookable!)
 - IT systems 🙋

- Still awaiting information or delivery on various aspects including missing chairs (might be on way), coffee table, lockers,.....
- Water, water everywhere but not a drop to drink...
 - Potential change in supplier in the summer could mean a new/replacement system
- Walls for last meeting rooms in January (2024?)



Department outing to CERN Jan 22 (reminder)

- There is no need to fill in a Travel request in SNOW (you are not expected to incur any reasonable claimable expenses)
- You need to put it into interflex under business trip or Dienstreise (202 or 203?)

Start	06.01.2024
End	06.01.2024
Absence Reason	203 Dienstreise
Percentage	100 %
Duration	Hours
Justification	
Attachment	
<input type="checkbox"/> Agreed with Substitute (Substitute: Sala L)	

- Please supply your GL NOW with the details for CERN registration and train ticket.
 - Circa 0700 from Brugg and Zurich to get to CERN for 1021. RTN circa 1700.

- <https://psich.atlassian.net/wiki/spaces/SCD/pages/7799187/AWI+-+Science+IT%2C+Infrastructure+and+Services>
- Discuss with your GL how you should use your area and how to link through to other existing resources
- Personal area also possible (but do not keep confidential information on the areas)
- Some problems persist pending integration, not resolved with accounts/license, jira....

- Core Linux Research Services
- HPC and Emerging Technologies
- Data and Analysis Research Infrastruc...
- Scientific Data Curation
- Data Processing Development and C...
- > Meeting Notes (Science IT, Infrastruc...
- ▼ INTERNAL AWI
 - > AWI Leadership Team
 - 7901
 - 7902
 - 7903
 - > 7904
 - 7905
 - 7906
 - OBBA 2nd floor open plan area guidel...
 - Conferences and workshop

2023 Highlights: DIRK

January 2023

ExPaNDs
European Open Science Cloud Photon
and Neutron Data Services

10 National Neutron and Photon sources
3yr H2020 project with 6 month extension
6M € with project completing Feb 2023
PSI led one WP and had total of 1.05M€/96PM

Policies/Data Stewardship

- Data management planning
- Data Policy Framework
- Metadata Framework
- Use of Persistent IDs
- FAIR Self assessment

Data Search and Catalogues

- FAIR experiment Data
- EOSC data publication
- Cross Site Searches
- PaN data search portal



Valentina



Carlo



Stefano

- Reference Datasets
 - Prototype Data Analysis Service
 - Testing and validation framework
- ## Data Analysis Services



Krisz

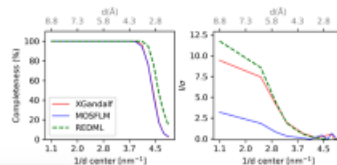


Leo

Red-ML: Reduction of high volume experimental data using Machine Learning



Data-reduced image



June 2023

January 2024

AWI on international stage.



- The Biennial International Conference on Accelerator and Large Experimental Physics Control Systems
 - Four conference papers (currently in Pre-Press release) based on two presentations:
 - SLS 2.0
 - BEC
 - and two posters:
 - SciCat
 - SciLog

Projects 2019, concluding after extension in September 2023
S(F)X: indexing and spot-finding, with significant advancements

outperform the current leading indexer, XGandalf, especially with
ch, enabling a two-stage reduction process. This method allows
ality loss, with the remaining data further compressed.
terministic algorithms. It is **fast to train**, easily finetunable for
experiments with weak data and low signal-to-noise ratio.
indexing and spot-finding.
, H.C. Stadler (AWI), H. Mendonça (CSCS), F. Leonarski (MX), G.M.
ston (PI, AWI).
ivities by F. Leonarski and support from both AWI and SDSC

2023 Highlights: Notable Achievements

- Agreement in April on the BEC and overall progress
- Moving the PSD infrastructure from WSLA to WHGA
- Real ~~panie~~ progress with the SwissTwins projects, yes progress!
 - Including funding for 2024/25 and outline agreement for 1MCHF a yr going forward
- Onboarding of Gitlab, (Remote) Data Transfer, NX as well as RHEL9 Alpha
- OpenEM ORD Measure 1 grant started
- ICALEPCS presence and papers
- REDML and associated project successes
- RSE@PSI and CH make first tentative steps

2023 Staffing changes

- Goodbye 🍀



Stephan



Dima



Piero



Johnathan

Moved a bit



Spencer



Krisz



Klaus



Carlo

Hello!



Basil



Greta



Ali



Hanna



Christian



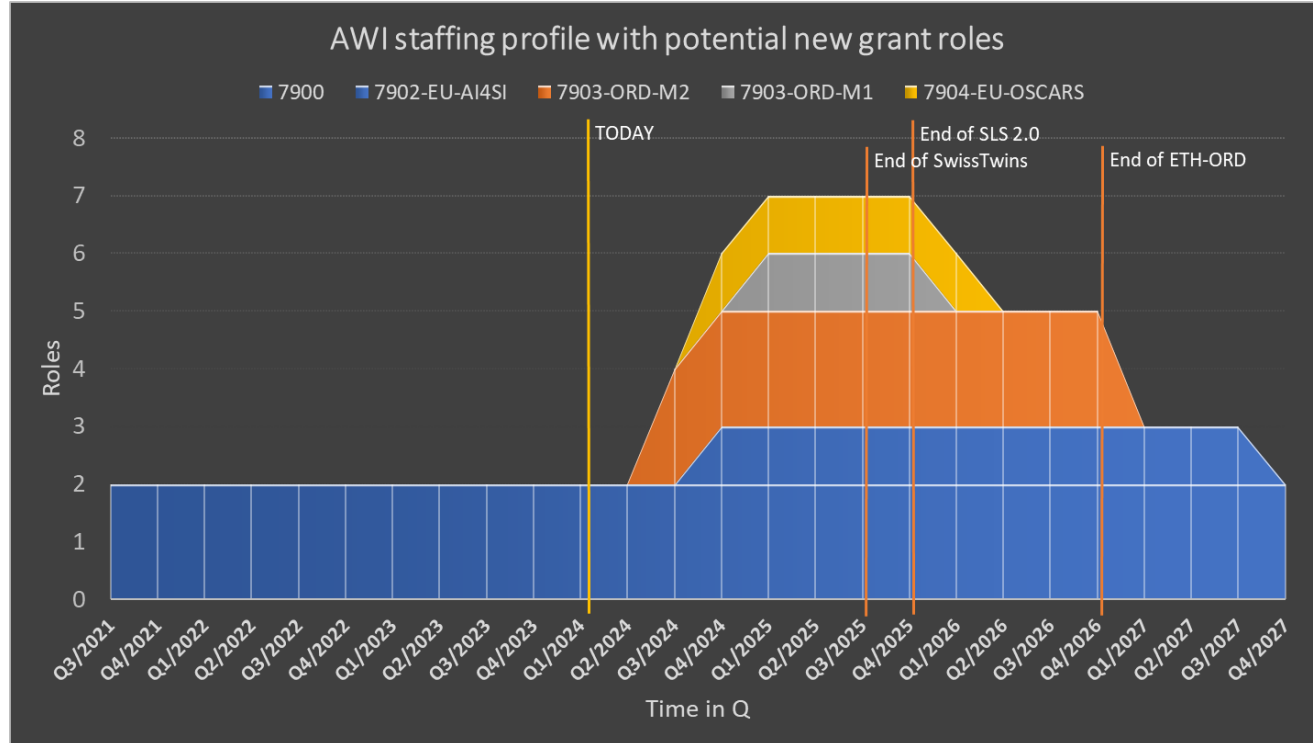
Jan



Mathias

Updates on potential new roles/funding/growth

- Based on grants/projects being prepared.





Leo got a offered a job as a dishwasher while in a conference in Hamburg....

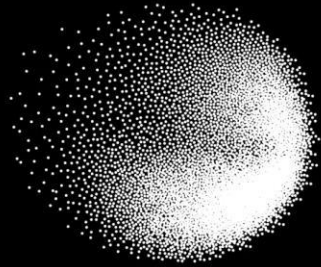
2023 was busy, but in 2024 you reap the rewards,

and it stays busy....

- 7901
 - BEC and rollout on SLS
 - SwissFEL, JFJoch and managing transition of responsibilities
- 7902
 - Helping with BEC
 - Continuation of JFJoch data reduction work including new science on SwissFEL
 - AI4SI?
- 7903
 - ORD M2 etc
 - SciCat workshop@PSI (International)
 - OpenEM progress and midterm review
 - ReMade@ARI data stewardship build-up
- 7904
 - Building up new SLS infrastructure
 - SwissFEL hardware lifecycle
- 7905
 - Brining up PSI@Alps and transitioning the users from Merlin
 - Moving Tier 3 onto Alps
 - Intensive care for Merlin6
- 7906
 - Linux strategy!
 - Redhat 9 release

Other things we can look forward to

- ~~Move to OBBA~~
- CERN visit!
- Changes on GitLab, Jira, confluence
- Roadmap for AFS services
- Closer interaction with other ETH RIs and ETHZ/EPFL
- New initiatives (funding) on AI, ORD and cloud computing (VISA? Dectris?)
- Greater involvement directly or indirectly in CaSIT/SLS 2.0 and ESup.
 - SLS 2.0 CaSIT Beamline Phase 0 and 1 ready for commissioning retreat Feb 28/29
- SCD Science Day 14th of March
- NoBUGS 2024 in Grenoble
- RSE? (I really need help from you on this one!)
-



PSI