STAP CHARGE – 190321

Common Topics

The STAPs are invited to comment and to provide advice on the

- enactment on our SAD vision and mission considering the evolution of the ESS construction project and the start of initial operation towards first science.
- readiness of the SAD team to meet the challenges of project completion and starting initial operation.
- implementation of logistics (goods reception / chemicals shipping / internal logistics) and procurement (approval chain, threshold, blanket order system) support to meet the needs of (initial) operation.
- ways-of-working within the ESS safety framework: challenges and solutions for operational safety now and towards (first) user operation;
- preparation and implementation for on-site installation of laboratories and workshops.

Topics for STAP 'Sample Environment'

The STAP is invited to comment and to provide advice on the

- interactions with the instrument team throughout the detailed design phase of the instruments in respect to sample environment operation: sample and sample environment handling, standards and implementation.
- progress within each sample environment platform – both in-house achievements as well as in-kind work by our partners – relative to plan and considering the instrument priorities and timeline towards first science.
- design and installation planning for the on-site workshops
- way-of-working with the beam line control team in respect to sample environment integration
- way-of-working with central technical service teams in respect to sample environment design and manufacturing (in-house and out-sourced) starting with current case studies.

Topics for STAP 'Users and Samples'

The STAP is invited to comment and to provide advice on the

- DEMAX: start initial operation for the deuteration and crystallisation support service including proposal administration and user survey supporting first science.
- DEMAX: closer integration of the three DEMAX support pillars with respect to staffing & projects
- DEMAX: synergies and consolidation of on-site and off-site lab infrastructure; options for future DEMAX location.
- DEMAX: scientific collaborations and developmental projects: establish new capability via grants (SINE2020, VR, Brightness2)
- DEMAX: strengthen the DEUNET network as part of LENS initiatives;
- DEMAX: own ESS priorities for first science and beyond; 3rd DEMAX chemist position (competence and activities)
- DEMAX: commercial collaboration with DEMAX "pay for play" – Should we? How?
- SULF: progress of the SULF platform in respect to installation planning and moving to the on-site labs.
- SULF: scientific collaborations and developmental projects: internal projects with accelerator and target supporting initial operation; setting-off lab investment by external collaboration (equipment by grants).
- SULF: chemical safety: challenges and way forward with chemical hazard analysis applying and complying with Swedish law for working with chemicals.
- SCUO: lessons learned from DEMAX software and way forward for the ESS user office software: functionalities, KPIs, DOI, policy implementation
- SCUO: next steps towards establishing the scientific coordination and user office; tradition functions from DEMAX to SCUO.