



Large Scale Structures STAP

Charge

PRESENTED BY ANDREW JACKSON

2025-10-20



STAP Charge

The Science and Technical Advisory Panels (STAPs) are established to provide independent, expert advice and guidance on scientific, technical, and policy matters related to ESS's Science Directorate. The panel aims to ensure the highest standards of scientific and technical integrity, fostering innovation and facilitating the achievement of strategic goals.

- Comment on the status of the instrument projects, including advice on:
 - The integration and testing of SKADI detectors
 - The plan for procurement of magnets for SANS
 - Questions raised by the instrument teams
- Provide advice to the Science Director on the prioritisation criteria for new instruments – for example Capability vs Capacity, Technical Novelty vs Known Solutions, and Simplicity vs Complexity
- Provide advice to the LSS Division Head on the list of proposed new instruments – are there gaps? How would the STAP prioritise if given the choice?
- Comment on the presented overview of Transition to Operations – where does the STAP see the main challenges?



Agenda

<https://indico.ess.eu/event/3867/>

TUESDAY 21 OCTOBER				
17:15	→ 17:25	Welcome and Charge	🕒 10m	📄
Speaker: Andrew Jackson (European Spallation Source ERIC)				
17:25	→ 17:55	Update on LoKI (Report from SAR and actions)	🕒 30m	📄
LoKI_Update_LSS_S...				
17:55	→ 18:30	Update on SKADI (including Detectors and Plan for Magnets)	🕒 35m	📄
Speakers: Dr Alexander Holmes (European Spallation Source ERIC), Sebastian Jaksch (European Spallation Source ERIC)				
18:30	→ 21:50	Dinner at ESS	🕒 3h 20m	
WEDNESDAY 22 OCTOBER				
08:15	→ 08:30	Arrive at ESS for site visit	🕒 15m	📄
08:30	→ 09:30	Site Visit	🕒 1h	📄
09:30	→ 10:00	Update on Estia	🕒 30m	📄
Speaker: Joshaniel Cooper (European Spallation Source ERIC)				
10:00	→ 10:30	Update on FREIA	🕒 30m	📄
Speaker: Thomas Arnold (European Spallation Source ERIC)				
10:30	→ 10:45	Coffee Break	🕒 15m	
10:45	→ 11:15	Update on NMX	🕒 30m	📄
11:15	→ 11:30	Transition to Operations	🕒 15m	📄
Speaker: Andrew Jackson (European Spallation Source ERIC)				
11:30	→ 12:00	New Instrumentation	🕒 30m	📄
12:00	→ 12:30	Chairs/Panel Discussion and Preparation for Feedback	🕒 30m	📄
12:30	→ 13:15	Lunch	🕒 45m	
16:00	→ 17:00	Chairs Feedback to Management	🕒 1h	📄



Questions