

System Acceptance & Instrument Safety Readiness Reviews Meeting for DREAM

Date: 26 March 2026

Location: ESS, Lund, Sweden

Time: 09:00 – 18:30

Meeting Room: Platinum; Zoom

AGENDA

Participants:

DREAM Team:

Florence Porcher (Lead Instrument Scientist)
Sylvain Desert (Lead Engineer LLB)
Paulo Brant Carvalho (Commissioning Scientist)
Werner Schweika (Instrument Scientist)

Peter Harbott (Lead Engineer FZJ)
Anna Fornell (Instrument Operation Engineer)
Andreas Poqué (Instrument Engineer FZJ)

Review Committee

Mikhail Feygenson (Chair, Head of Diffraction & Imaging Division)
Robert Connatser (Head of NSS Division)
Helen Boyer (OHS Representative)
Mattias Skafar (Quality Representative)
Günter Muhrer (Shielding Coordinator)

Giuseppe Aprigliano (NSS Engineering Representative)
Per Roos (RP Representative)
Sofie Ossowski (NSS Subproject Representative)
Kazim Raza Syed (Radiation Safety Representative)

Instrument Partners

Andreas Wischnewski, Tania Claudio-Weber (FZJ) Arnaud Desmedt (LLB)
Tsitohaina Randriamalala (FZJ)

Observers

Lali Tchelidze (Head of Operations Division)
Peter Rådahl (Chief Engineer /Technical Office Manager)
Andreas Jansson (Facility Commissioning Coordinator)
Annika Nordt (Protection Systems Group Leader, ICS)
Thomas Hansson (Radiation Safety Representative)

Other Interested Parties

Giovanna Fragneto (Science Director) Oliver Kirsten (Technical Subproject Leader for Science)
Andrew Jackson (Head of Large Scale Structures Division) Iain Sutton (NSS Technical Coordinator)
Pascale Deen (Head of Spectroscopy Division) Kevin Fissum (Detectors Group Leader)
Hanna Wacklin-Knecht (Head of SSD) Nikolaos Tsapatsaris (Choppers Group Leader)
Thomas Holm Rod (Head of DMSC Division) Thomas Gahl (MCA Group Leader)
Morteza Mansouri (PSS) Vincent Hardion (ECDC Group Leader)
Nicklas Holmberg (ICS)
Masatoshi Arai (OMD Technical Coordinator)

System Acceptance Review		
09:00 – 09:05	Welcome / Meeting Rules (Mikhail Feygenson)	(I)
09:05 – 09:20	Scientific Overview of Instrument (Florence Porcher, Paulo Brant Carvalho)	(I)
09:20 – 10:00	Instrument Components Overview (Peter Harbott)	(I)
10:00 – 10:05	CIDL and interfaces (Joakim Meyer)	(I)
10:05 – 10:25	Overview of NCR/NIT (Sylvain Desert)	(I)
10:25 – 10:55	Coffee break	
10:55 – 11:05	Choppers (Erik Nilsson)	(I)
11:05 – 11:15	Motion Control and Automatization (Thomas Gahl)	(I)
11:15 – 11:30	Detectors & Beam monitors (Irina Stefanescu & Ioannis Katsioulas)	(I)
11:30 – 11:40	ICS (Nicklas Holmberg)	(I)
11:40 – 11:50	ECDC (George Kontogiorgos)	(I)
11:50 – 12:00	DMSC: Data visualization / Reduction software (Celine Durniak)	(I)
12:00 – 13:00	Lunch break	
13:00 – 13:20	Integrated Test Results (Florence Porcher)	(I)
13.20 – 13.35	Scientific Hot Commissioning Plan (Paulo Brant Carvalho, Florence Porcher)	(I)
Instrument Safety Readiness Review		
13:40 – 13:45	Welcome / Meeting Rules (Mikhail Feygenson)	(I)
13:45 – 14:05	Summary of DREAM and General Safety (Anna Fornell)	(I)
14:05 – 14:20	Operations and maintenance documents status (Anna Fornell)	(I)
14:20 – 14:35	Shielding Calculations (Tsitohaina Randriamalala)	(I)
14:35 – 15:00	Coffee break	
15:00 – 15:15	Overview of Radiation Safety Assessment (Florence Porcher)	(I)
15:15 – 15:30	Overview of Instrument Hazard Analysis (Florence Porcher)	(I)
15:30 – 15:40	Personnel Safety System (Donya Daryadel)	(I)
15:40 – 15:50	Motion Safety System (Thomas Gahl)	(I)
15:50 – 16:00	REMS presentation (Ana Cintas)	(I)

16:00 – 17:30	CLOSED SESSION: Finalize the SAR/iSRR report	(D)
Site Visit & Instrument Safety Systems Demonstration for DREAM		
Date: 25 March 2026	Location: ESS, Lund, Sweden	
Time: 12:45 – 14:30	Meeting Point: B01 Iceberg	

AGENDA

DREAM Site Visit and Safety Systems Demonstration to the Review Committee (D01)		
12:45 – 13:00	Meet at B01 with PPE to transfer to DREAM (Review Committee)	(I)
13:00 – 13:45	Presentation of installed components, including safety systems (Florence Porcher)	(I)
13:45 – 14:00	Operation procedures: PSS and Motion Safety demonstration (Anna Fornell)	(I)
14:00 – 14:30	Operation procedures: Team installing sample in sample vessel, closes cave, remove activated sample (Florence Porcher, Anna Fornell, Paulo Brant Carvalho)	(I)

I=Information
D=Decision

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