



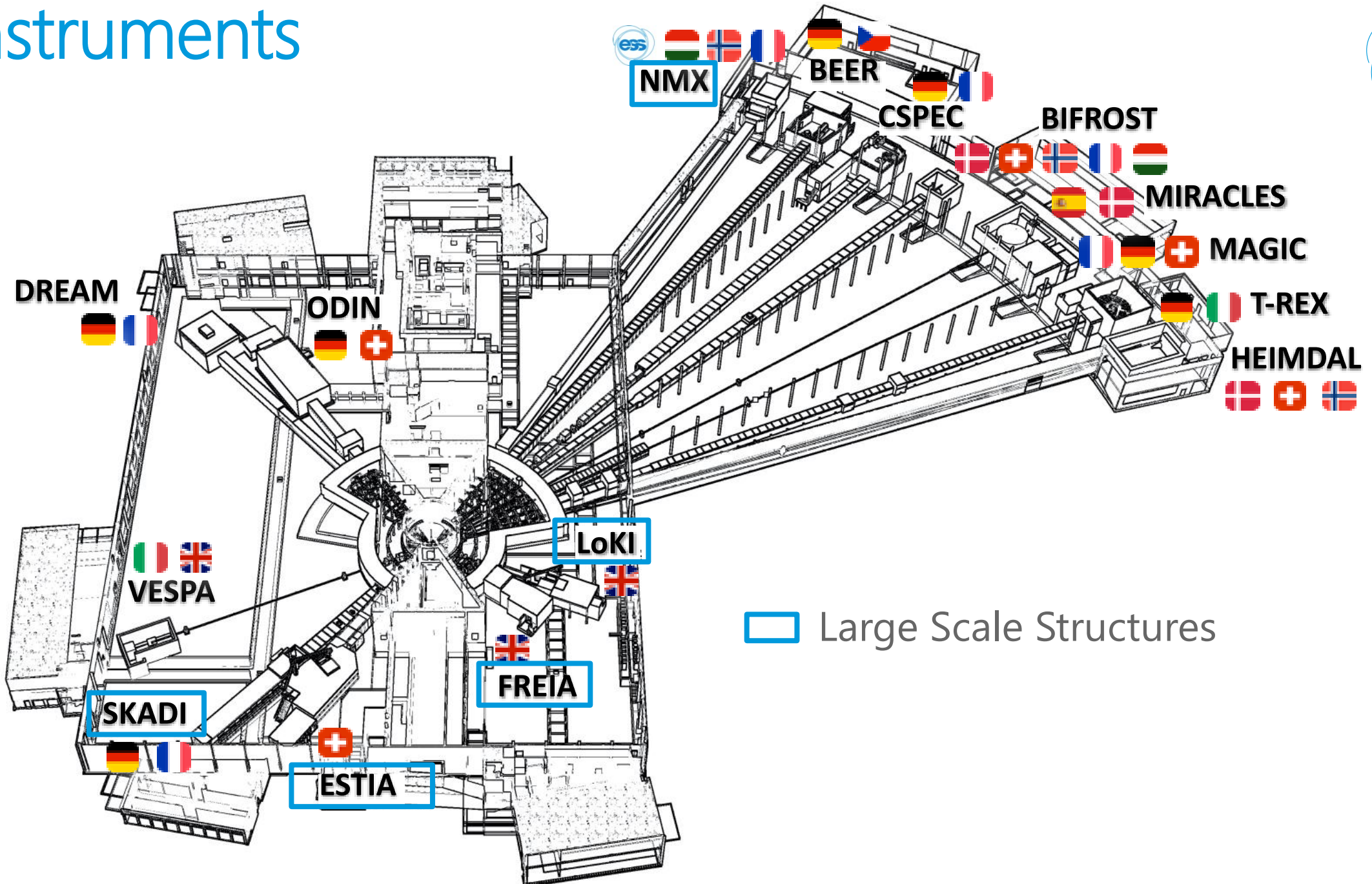
System Acceptance Review Meeting for LoKI

Mikhail Feygenson^{1,2}

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² Adjunct Associate Professor, Department of Materials Science and Engineering, Uppsala University

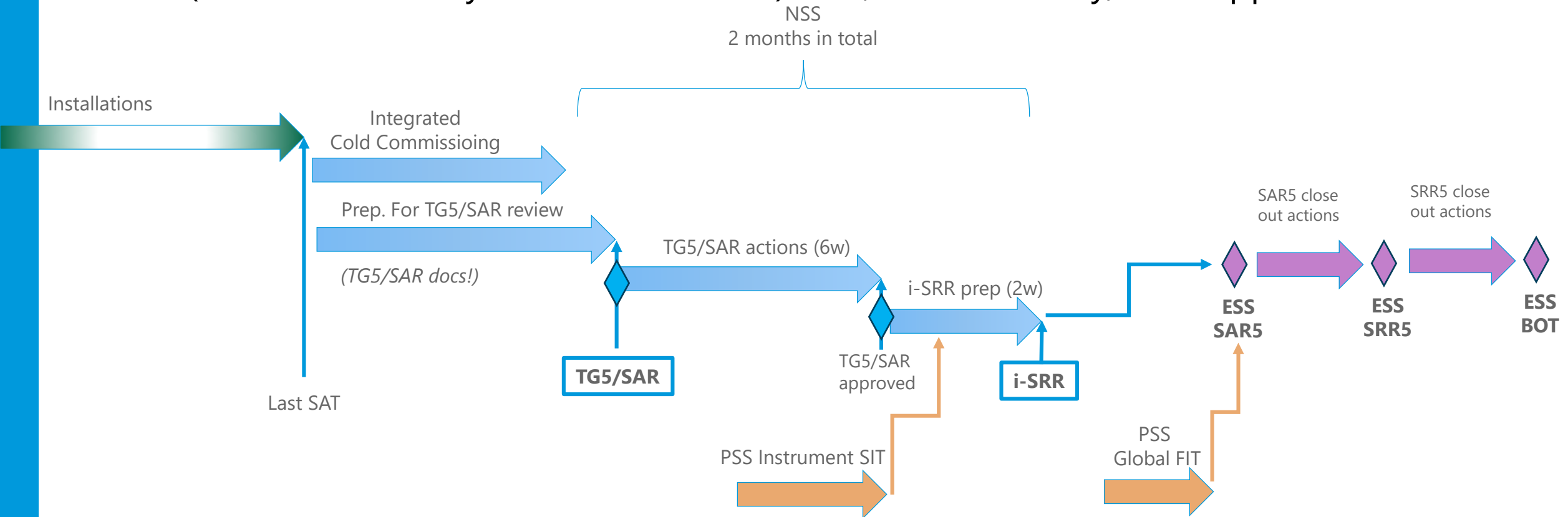
Instruments



Road to Science: NSS high-level schedule



- **SAR** (System Acceptance Review): Are all components installed properly?
Is the instrument ready for Hot Commissioning?
- **iSRR** (Instrument Safety Readiness Review): PSS, Motion Safety, Fire suppression and etc.



Purpose of SAR review meeting



1. It is the informational session to provide the reviewers with an overview of readiness of TBL
2. Status of the local site acceptance tests (SAT) of each component, presented by NSS technical groups
3. Results of the integrated tests
4. Readiness for the hot commissioning
5. Outstanding issues and their proposed solutions (NIT/NCR)

What is not covered

1. Safety readiness (subject of iSRR)
2. Reasons behind the technical solutions for each component
3. Science case and future user program

Charge for Review Committee



1. Validate that all system components, as defined by the Instrument FBS, are present and installed. This ensures that all project scopes have been delivered.
2. Validate that all system documentation has been delivered and is in CHESS.
3. Validate that all technical documentation has been delivered, stored in CHESS, and is appropriately linked to the FBS structure.
4. Review the integrated cold commissioning report and ensure that it represents a sufficient test of the instrument systems, showing that all requirements that are testable during cold commissioning have been addressed.
5. Confirm that the performed testing has verified performance against the requirements that are testable during the cold commissioning.
6. Review the operating processes of the instrument and Hot Commissioning plan.
7. Review the list of non-conformities and their actual or proposed resolution and determine if they are appropriate.
8. Prepare a review report



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Review Committee: ESS wide acceptance



Mikhail Feygenson (Chair)

Robert Connatser (Head of NSS Division)

Giuseppe Aprigliano (NSS Engineering Representative)

Sofie Ossowski (Project Manager NSS)

Helen Boyer (Occupational Health and Safety Representative)

Mattias Skafar (Quality Representative)

Per Roos (Radiation Protection Representative)

Observers

Thomas Hansson (Radiation Safety Representative)

Andreas Jansson (Facility Commissioning Coordinator)

Lali Tchelidze (Head of Operations Division)

Magnus Täcklind on behalf of Peter Rådahl (Chief Engineer /Technical Office Manager)

Remarks



1. It is the first SAR meeting for LSS, the third for the Science Directorate
2. Readiness of transition from NSS/in-kind partners to LSS is being evaluated
3. We evaluate two parts: what was built & readiness for HC
4. The use of the instrument is different from the use of the target and accelerator

Rules

1. Only reviewers & observers are allowed to ask questions during the meeting (please, mute yourself on Zoom)
2. All others are welcome to ask questions during coffee breaks/lunch
3. Any feedback is welcome after the meeting
4. We are not discussing the scientific scope of the instrument
5. We are not discussing technical solutions (see TG3 docs)