

## Charge for the 33<sup>rd</sup> meeting of the ESS Scientific Advisory Committee

The SAC will be presented with updates from the Council Chair, the ESS Director General and the ESS Director for Science, as well as updates from different parts of the Science Directorate. These updates are meant to provide context, and the SAC is welcome to comment and advise on topics in these presentations that they find pertinent. Our responses to previous SAC reports will also be presented, and there will be an opportunity for discussion with the STAP (Scientific and Technical Advisory Panel) chairs.

We would particularly like the SAC to advise on the following topics.

### 1. Rescoping of the First 15 Instruments

The task of rescoping the instrument projects continues and this is a crucial exercise to ensure that ESS will be competitive. We will present a list of rescoping and ask the SAC to provide feedback on our prioritisations.

### 2. Call for Instruments

Looking beyond the initial instrument suite, we are also preparing to open a call for the next batch of instruments. We thank the SAC for previous feedback on this topic, and we will present a more elaborate plan for the call. The SAC is asked to provide advice on this plan in context with the rescoping and finalization of the first 15.

### 3. First Science

Identifying which experiments should be the first to be performed on the first five instruments is key to being able to pronounce the ESS a success in the early years of operations. Several aspects are being considered and balanced against one another in this process: what is needed to gradually verify instrument performance; openness and inclusiveness to the community while at the same time remaining engaged with the in-kind partners; and rapid publishability of the results. The Heads of the instrument divisions will present how this is being addressed, and the SAC is invited to advise on how the process of planning First Science can be improved.

We greatly appreciate the effort put in by the SAC to support ESS and help make the facility a success. SAC input is extremely valuable at a time when key decisions are made on how to bring the project to finalization and launch scientific operations at ESS.