

Terms of Reference for the Steering Committee on the EUROfusion – ITER Organization collaboration on the development of the Integrated Modelling and Analysis Suite

In order to guide and ensure high level coordination between development activities for the Integrated Modelling and Analysis Suite (IMAS) carried out under the EUROfusion programme and those implemented by the ITER Organisation (“The Collaboration”), a Steering Committee is set up.

Composition of the Steering Committee

Members of the Steering Committee will consist of:

- Two Representatives of the EUROfusion Programme Management Unit: Head of the EUROfusion Fusion Science Department and the Theory and Modelling Coordination Officer;
- Two Representatives of ITER Organization Science and Operations Department: Head of the Science Division and the Leader of the Plasma Modelling & Analysis Section.

The Chair of the Steering Committee will be elected by the Representatives at the first meeting of the Steering Committee and will be reconfirmed, or a replacement Chair elected, annually.

The Secretary of the Steering Committee will be the EUROfusion Theory and Modelling Coordination Officer in coordination with the members of the Steering Committee.

Additional attendees at Steering Committee will be decided upon by the Chairman upon receipt of proposals from the Steering Committee members;

Role and Duties of the Steering Committee

- The Steering Committee acts in pursuit of the overall success of the Collaboration.
- The Steering Committee supports the use of IMAS within the EUROfusion and IO’s work programmes under the Collaboration.
- The Steering Committee reviews priorities of IMAS development.
- The Steering Committee recommends extension or revision of the IMAS infrastructure carried by IO under the Collaboration.
- The Steering Committee reviews the state of codes/tools developed by EUROfusion or IO available for the IMAS infrastructure, identifies gaps and development priorities under the Collaboration.
- The Steering Committee receives information provided by the IO on developments of IMAS infrastructure and codes/tools carried out by other ITER Members to prevent possible conflicts with similar activities carried out under the Collaboration.

- The Steering Committee identifies the resources for the development and verification and validation of the tools that are being developed.
- The Steering Committee reviews and endorses joint EUROfusion-IO proposals for IMAS exploitation (Use Cases) to guide the verification and validation of developed codes/tools under the Collaboration.
- The Steering Committee monitors and supports timely execution of tasks falling under the Collaboration.
- The Steering Committee supports the resolution of Intellectual Property Rights issues that may arise in the implementation of the activities under the Collaboration.

Meetings

The Steering Committee meets on average twice a year, one of which will preferably be in person in conjunction with IMAS-related meetings within the EUROfusion-ITER collaboration and may be convened on request of the Chair when necessary. Requested reports and presentations shall be submitted in advance of meetings to the secretary.