

Governance Structure of the International Muon Collider Collaboration

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1 Preamble

The International Muon Collider Collaboration (IMCC) was initiated in 2020 following the recommendations of the update of the European Strategy for Particle Physics. A Memorandum of Cooperation (MoC) was drawn up; 20 institutes have already signed or are in the process of doing so. CERN shall act as the initial host organization for the Muon Collider Study, until such time as a change to the hosting of the MC Study shall be agreed by the International Collaboration Board (“ICB”) following a proposal by CERN, whereupon the Memorandum shall be amended accordingly.

The proposed organisation is envisaged for an initial period. In 2024 it will be reviewed and adjusted according to the development of the collaboration.

The following description of the project organisation proposes a more detailed implementation of the governance structure than that outlined in the MoC.

2 International Collaboration Board (ICB)

The ICB role is to provide a forum for participants to examine ongoing activities, assure appropriate, well directed use of contributions and ensure a balanced portfolio of engagements. The ICB makes recommendations to the Steering Board. The chair of the ICB is elected by its members (simple majority).

The ICB consists of one representative of each participating institute that has signed the MoC. The ICB invites the following representatives as members with no voting rights:

- the Steering Board representatives of the host organisation,
- representatives of institutes that signed a letter of interest,
- the Study Leader and Deputies.

In addition, the ICB chair can invite other participants if deemed useful.

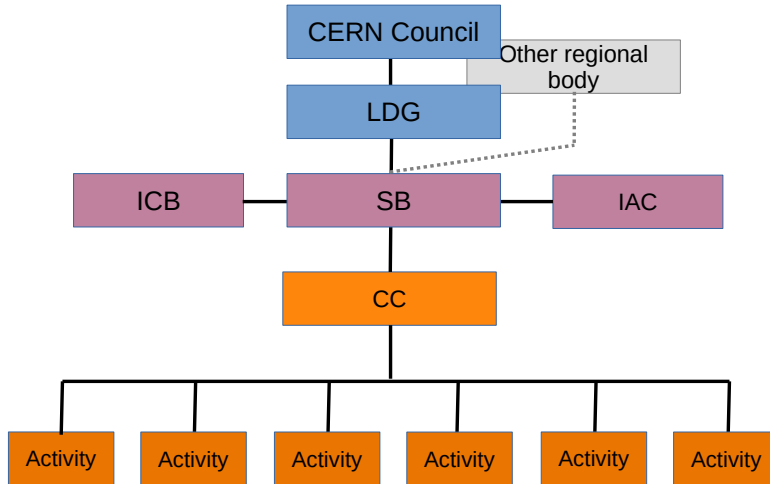


Figure 1: Organigram of the Muon Collider Study governance structure

3 Steering Board (SB)

The SB oversees the execution of the Muon Collider Study by assessing the progress, resource usage and providing guidance. The SB will report to the Laboratory Directors Group (LDG) in Europe and to similar regional supervising organisations in other regions as required. It receives recommendations from the ICB.

The SB is composed of:

- the lead representative of the Host Organisation (for CERN the ATS director)
- up to two additional members appointed by the Host Organisation
- up to three members appointed by the ICB
- the Study Leader and Deputies

The Host Organisation appoints one of the members to act as the chair.

4 International Advisory Committee (IAC)

The mandate of the International Advisory Committee is to review the scientific and technical progress of the Study, typically on an annual basis and to submit recommendations to the ICB and SB.

The IAC consists of external experts, not actively participating in the Muon Collider Study, with expertise covering the key technological and scientific domains relevant to the Study. The IAC chair and members are proposed by the SB and appointed by the ICB.

5 Coordination Committee (CC)

The CC performs the overall coordination and execution of the Muon Collider Study. It is chaired by the Study Leader. The CC actively supports the Study Leader in their role to:

- organise and guide the study;
- oversee the collaborations with participating institutes and any other involved entities;
- ensure coherent communications;
- coordinate all resources associated with the Study;
- organise workshops, conferences and meetings relevant for the Study.

The Study Leader is appointed for a period of three years, renewable. The Study Leaders appointment is endorsed by the ICB, following proposal by the host organization. She/he will act under the authority of the head of the host organization. Deputy Study Leaders are proposed by the Study Leader for endorsement by the ICB. The other members of the CC are proposed by the Study Leader to the SB for endorsement.