

ICB remote – October 12, 2023



International Collaboration Board Meeting

Nadia Pastrone 



International Collaboration Board: first principles



- This Collaboration Board aims to be inclusive and fair
 - ➔ all institutes contributing to the Study as a Community
- The institutes are responsible/commit resources (person-power – material – computing ..)
 - ➔ all institutes contributing to the Design Study are considered part of the Community
 - ➔ the Memorandum of Cooperation was prepared aiming to be signed by everybody
- All contributions by institutes (individuals) are referred to defined activities
 - ➔ the results – mainly **publications** and **R&Ds** –
 - ➔ represent the recognition of the work
 - ➔ allow the request of new resources

It is CRUCIAL to distribute information about organization and next steps

MANDATORY: shared authorship rules for the community and anybody who is contributing

Aim for the meeting

Very OPEN ICB in June → and in October 2023

- ✓ SL and deputies – SB full committee – IMCC and MuCol Coordination Committee
- ✓ Institutes – MoC signed/considering
- ✓ Institutes – EU MuCol beneficiaries/associated
- ✓ US laboratories waiting for P5 final report

MAILING LIST e-group AGREED for the ICB October 12

- IMCC-ICB only MoC signed Institutes → Grey Book / Addendum
- EU-MuCol Governing Board Institutes – Beneficiaries and Associates → Addendum
- All Institutes considering to sign MoC → It's time to encourage again the Institutes to sign
- All US Institutes waiting for P5 final report

Agenda of the Meeting



EU-MuCol Governing Board September 15, 2023 ==> Publications

<https://indico.cern.ch/event/1307393/>

AGENDA October 12, 2023

<https://indico.cern.ch/event/1330771/>

17:00 → 17:15	ICB chair report	Nadia Pastrone
17:15 → 17:30	IMCC Project Leader: status of Design Study including MuCol	Daniel Schulte
17:30 → 18:00	Publication policies proposal/discussion/approval Document Initial composition of the Publication and Speaker Committee	Daniel Schulte
18:00 → 18:20	Resources: status of contributions and future plans (xls + indico)	Luca Bottura et al.
18:20 → 18:30	Grey Book CERN and Addenda	
18:30 → 19:00	AOB - any news	

Grey Book @ CERN – Future Collider



The CERN Experimental Programme

Grey Book database

[Welcome](#)[Experiments & Projects](#)[Teams](#)[Participations](#)[Countries](#)

Research Programme

- LHC
- SPS
- PS
- AD
- ISOLDE Facility
- Irradiation Facility
- Neutrino Platform
- GRADE
- CTF3
- R&D
- Non-accelerator experiments
- Approved Studies for Future Projects

Research Activities

- Experiments and Projects under Study
- External Experiments
- Recognized Experiments
- Completed Experiments

Related Links

- EP Department
- Users' Office
- Scientific Committees
- Conditions for experiments
- Accelerators and Beams
- Accelerator Schedules

IMCC

International Muon Collider Collaboration

[Overview](#)[Teams](#)[Participations](#)

Spokesperson:

SCHULTE, Daniel

Deputy spokesperson(s):

ROGERS, Christopher Thomas
WULZER, Andrea
LUCCHESI, Donatella

Contact person:

PASTRONE, Nadia

Experiment secretariat e-mail:

muon.collider.secretariat@cern.ch

Synonym:

Research Programme: FCOLLIDER

Approved:

Beam:

Status: Preparation

Number of Institutes: 0

Number of Countries: 0

Number of Participants: 0

Number of Authors: 0

Status History

Status	Start Date	End Date
Preparation	08-06-2023	



IMCC finally included as one of the:
“Experiments and Projects under Study”

<https://greybook.cern.ch/experiment/detail?id=IMCC>

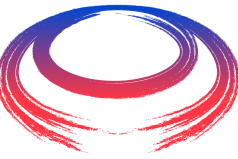
Grey Book @ CERN – get ready to join!

June 2023



- ✓ To join an Institute has to be signed the MoC (Memorandum of Cooperation)
- ✓ There are already recognized institutes at CERN – but we can add others
- ✓ All the rules are at: [Team Leaders' corner | Users Office \(cern.ch\)](#)
- ✓ We can start to list the institutes and for each of them (Team) a Team leader and a deputy should be identified and they should get ready to join following the rules
- ✓ We will send a dedicated email to each eligible institute and try to facilitate the enrollment aiming to populate the grey book asap
- ✓ By end of July a specific Muon Collider User Unit will be available to collect all institutes and participants to IMCC projects as CERN users.

Next steps to enlarge the international collaboration



June 2023

International
UON Collider
Collaboration

Both participation and resources!

- IMCC
- EU project MuCol
- US Muon Collider Group
- P5
- INFRA-TECH
- Detector R&D:
 - DRD – Implementation of Roadmap coordinated by ECFA
 - CPAD initiative – new detector research U.S. consortia –
- Accelerator R&D:
 - Roadmap coordinated by LDG
 - Strong motivation through the U.S. Snowmass/P5 process
- IMCC Interim Report

TO BE IMPLEMENTED

HOW TO IMPROVE?

Many important places to show our updated progress as a strong community!

Next meetings



**International Muon Collider Collaboration (IMCC)
Annual Meeting 2024 in person at CERN
March 12th to March 15th, 2024**

→ ICB March 14 h 17-19 ???