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Universität Hamburg
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IMCC and MuCol Annual Meeting

Muon Collider Week

12-16 May 2025, DESY, Hamburg

Scientific Program Committee - Chairs: K. Kennedy (Princeton) & R. Taylor (CERN)

Members: L. Bottura (CERN), C. Carli (CERN), A. Chance (CEA), S. Pagan Griso (LBNL), A. Grudiev (CERN), T. Holmes (UTK), S. Jindariani (FNAL), A. Lechner (CERN), R. Losito (CERN), D. Lucchesi (INFN), T. Luo (LBNL), P. Meade (SBU), E. Metral (CERN), N. Milas (ESS), E. A. Nanni (SLAC), M. Palmer (BNL), N. Pastrone (INFN), C. Rogers (STFC), L. Rossi (INFN)

With thanks to A. Auger and M. Lancellotti

DESY Organising Committee: F. Meloni, J. List, I. Melzer-Pellmann, P. Pani, J. Reuter With thanks to B. Breetzke, A. Gerhardt and C. Groetzinger

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Present plan

IMCC 3RD MUON COLL APPLBL MEETING 2025		12TH-16TH MSU							
Monday		Tuesday		Wednesday		Thursday		Friday	
8:00 AM		Accelerator 1	Detector & Physics 1	Accelerator 5	Detector & Physics 5	Demonstrator & Siting Planarion		Closing Planarion 1	
8:30 AM									
10:00 AM									
10:30 AM									
11:00 AM		Accelerator 2	Detector & Physics 2	Accelerator 6	Detector & Physics 6	Discussion 1	Discussion 2	MuCol Public Lecture Milestone	
11:30 AM									
12:00 PM									
12:30 PM									
1:00 PM									
1:30 PM									
2:00 PM	Opening Planarion 1	Accelerator 3	Detector & Physics 3	Accelerator 7	Detector & Physics 7	Discussion 3	Discussion 4	DGNY Tour	
2:30 PM									
3:00 PM									
3:30 PM									
4:00 PM	Opening Planarion 2	Accelerator 4	Detector & Physics 4	Accelerator 8	Detector & Physics 8	Discussion Planarion			
4:30 PM									
5:00 PM									
5:30 PM									
6:00 PM	Remarks	Physics - Accelerators?	MuCol - Board	IMCC Collaboration Board					
6:30 PM									
7:00 PM				Social Dinner					
7:30 PM									
Session No.	Accelerator	Physics & Detector		Discussions		Small Meetings			
1	Proton Driver & Production	Physics – BSM							
2	Target, Radiation & Magnets	Physics – SM / Higgs							
3	Cooling, Magnets & RF	Theory – Synchrotron / PSC							
4	Acceleration, Magnets & RF	Theory – BSM							
5	Collider, Radiation & Magnets	Theory – SM							
6	Cooling Cell & Integration	MDI							
7	RF, Magnets & Powering (Non-component specific)	Detector R&D and Instrumentation (incl. det design)							
8	Demonstrators & Test Facilities	Software & Simulation							

Questions and actions

- Seek input for parallel session: *Accelerator Technologies 1- Magnets, Cryogenics & Powering*
- We probably would need a parallel magnet-only session to discuss (tentative)
 - Technical highlights
 - ESPPU submission and plans (preparatory to Venice)
 - AOB