



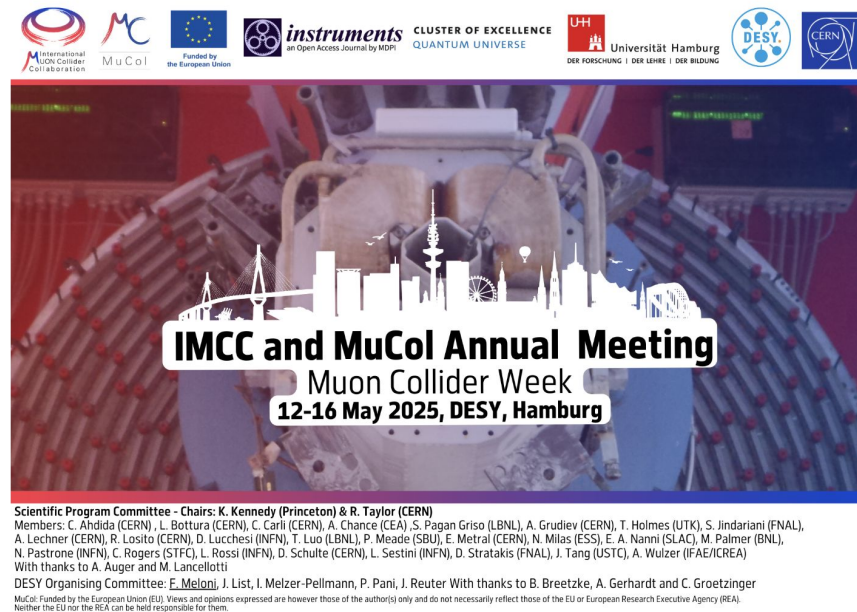
MAIA + 10 TeV Studies

Kiley & Ben

February 20, 2025

News

- IMCC Annual Meeting at DESY 12-16 May, 2025
 - <https://indico.desy.de/event/45968/>
 - Registration is open!
 - Call for poster abstracts [here](#) – students should submit one!
 - Some travel funding available to EC members
- New photon gun samples from Fede do not have high-multiplicity issues as before
 - Apparently due to (1) SW release update and (2) *maybe* double the RAM
 - More from Rose!



The banner features a background image of the MuCol detector's internal structure, which is a complex, circular arrangement of various components. Overlaid on this is a white silhouette of a city skyline. The text 'IMCC and MuCol Annual Meeting' is prominently displayed in a bold, white font, with 'Muon Collider Week' and the dates '12-16 May 2025, DESY, Hamburg' below it. At the top of the banner, there is a row of logos for the event's sponsors and partners, including the International Muon Collider Collaboration, MuCol, the European Union, instruments, CLUSTER OF EXCELLENCE QUANTUM UNIVERSE, Universität Hamburg, DESY, and CERN.

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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
MuCol: Funded by the European Union (EU). Views and opinions expressed are however those of the author(s) only and do not necessarily reflect those of the EU or European Research Executive Agency (REA). Neither the EU nor the REA can be held responsible for them.

ESPPU + MAIA Publication Action Items

Item	Responsible	Figures	Status
BIB plots (distributions)	Daniele	1, 2	
BIB plots (occupancies)	Fede	5, 6, 7, 8	
ECAL thresholds	Fede + Rose	9	
Track performance	Chicago	10, 11, 12, 13, 14, 15	
Photon performance	Rose	17, 18, 19	Working on new samples
Neutron performance	Elise + Rose	21, 22, 23 (with new fit params)	New samples just available
Pion reconstruction (TBD)	Greg + Ethan		