



US Muon Collider Community Meeting – Close Out

Sergo Jindariani and Tova Holmes (on behalf of the organizing Committee)

US Muon Collider Community Meeting

Organizing Committee

Michael Begel (BNL)
Pushpalatha Bhat (FNAL)
Philip Chang (Florida)
Sarah Cousineau (ORNL)
Nathaniel Craig (UCSB)
Sridhara Dasu (Wisconsin)
Karri Folan DiPetrillo (Chicago)
Spencer Gessner (SLAC)
Tova Holmes (Tennessee)
Walter Holkins (ANL) Walter Hopkins (ANL) Sergo Jindariani (FNAL)
Donatella Lucchesi (UNIPD-INFN)
Patrick Meade (Stony Brook)
Isobel Ojalvo (Princeton)
Simone Pagan Griso (LBNL)
Diktys Stratakis (FNAL)

Poster Session Prizes: BINGO

- Peter Miller -- 1st place BINGO
- Jet Yue -- 2nd place BINGO





Poster Session Prizes: Presenters

- Best Poster Design: Luc Bojorquez-Lopez
- Most Enthusiastic: Samuel Ferraro
- Best Overall: Devlin Jenkins



What are our goals? Equip new people to contribute to the Muon Collider effort Create a sustained effort that leads to: A vetted design A demonstrator A collider Form a US Muon **Collider collaboration** More on next slides



Enabling People to Contribute





- We hope the tutorials have been useful, it's a good beginning
- Will continue to provide help to people with questions
- More training events will be organized in the future, both in Europe and in the US



US Muon Collider Organization

- We need a national organization to help:
 - Execute the P5 plan
 - Interface with funding agencies
 - Planning for the 5-year Collider Panel
 - Build next generation of US experts
 - Organization for advocacy efforts
 - Facilitate university/lab connection
- Assume all members will also be part of IMCC
- Excellent discussions about the role of the US organization. Homework to the Constitution drafting team to reflect the lessons – will come back for further discission



International Muon Collider Collaboration (IMCC)

- More information can be found here: https://muoncollider.web.cern.ch
- US Universities can join IMCC by signing the Memorandum of Cooperation (MoC). Some have already joined.
- Don't need to have a signed MoC to contribute, join meetings, or even sign papers.
- IMCC Publication guidelines:
 - https://muoncollider.web.cern.ch/guidelines



Let's work together for the next ESG, mid-P5 panel, and towards a common goal of having a Muon Collider

IMCC 2024 Annual meeting at CERN



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This meeting





Announcement of upcoming events

Early Career Muon Collider Event,

August 28th, online: https://indico.cern.ch/event/1422393/

IMCC Demonstrator Workshop:

Fermilab Oct 30th – Nov 1st, https://indico.fnal.gov/event/64984/

• 2025 IMCC Annual Meeting at DESY, May 2025, indico will be available soon

 Muon Collider Accelerator School and 2nd US Muon Collider Meeting, August 3-8th, 2025 in Chicagoland



Stay in Touch

- US Muon Collider slack which you can join
- If you're not already on it, join our <u>mailing list</u>

 You can also add yourself to our <u>US Muon Collider People</u> page by filling out this <u>spreadsheet</u> (include your picture please)



Thank you to everybody who contributed!

- Fermilab for hosting this event
- The Organizing Committee
- All the speakers, panelists, session chairs, tutorial leaders, etc
- Our guests from Asia and Europe
- Sponsors
- Global Services Support team (Jessica et al)
- Special THANK YOU to Anne Ferguson who made it all happen!!!



Special Event with Bill Foster

 And please attend the special event "A conversation with Congressman Bill Foster" today at 4pm. In Ramsey Auditorium and on Zoom LINK

