



# Inaugural US Muon Collider Community Meeting

## Wednesday, 7 August 2024

### **Plenary: Welcome and Introduction - Ramsey Auditorium (09:00 - 10:30)**

-Conveners: Sergio Jindariani

time	[id] title	presenter
09:00	[1] Welcome to Fermilab	FLEMING, Bonnie
09:20	[8] Meeting Logistics	JINDARIANI, Sergio HOLMES, Tova
09:30	[3] Muon Collider in the P5 Report	MURAYAMA, Hitoshi
10:00	[2] Physics at the Muon Collider	CRAIG, Nathaniel

### **Plenary: Overview of Muon Collider - Ramsey Auditorium (11:00 - 12:30)**

-Conveners: Spencer Gessner

time	[id] title	presenter
11:00	[4] Overview of the Machine	SHILTSEV, Vladimir
11:30	[5] Overview of the Experiment	LEE, Lawrence
12:00	[6] Muon Collider in ITF Report	RAUBENHEIMER, Tor

### **Plenary: Key Concepts - Ramsey Auditorium (14:00 - 15:50)**

-Conveners: Ben Rosser

time	[id] title	presenter
14:00	[25] Ionization Cooling	SNOPOK, Pavel
14:30	[23] Summary of the recent Detector+MDI workshop	KENNEDY, Kiley
14:55	[24] Machine-Detector Interface	CALZOLARI, Daniele
15:20	[10] CPAD: Detector R&D coordination in the US	ASAADI, Jonathan

### **Plenary: Muon Collider Collaborations - Ramsey Auditorium (17:30 - 18:00)**

-Conveners: Michael Begel

time	[id] title	presenter
17:30	[12] Towards a US Muon Collider Collaboration	DASU, Sridhara

# Thursday, 8 August 2024

## **Plenary: Cross-cutting - Ramsey Auditorium (09:00 - 10:30)**

-Conveners: Nathaniel Craig

time	[id] title	presenter
09:00	[22] Interplay between Theory and Experiment	CAPDEVILLA, Rodolfo
09:30	[16] Synergies with Neutrinos	HUBER, Patrick
10:00	[9] IMCC Status and Plans	SCHULTE, Daniel

## **Plenary: US MCC Formation Discussion - Ramsey Auditorium (13:30 - 14:30)**

-Conveners: Isobel Ojalvo

# Friday, 9 August 2024

## Plenary: Summaries - Ramsey Auditorium (13:00 - 17:15)

-Conveners: Philip Chang

time	[id] title	presenter
13:00	[14] Overview of Detector R&D Needs	PASTRONE, Nadia
13:30	[13] Overview of Accelerator R&D Needs	STRATAKIS, Diktys
14:00	[15] Path Forward for Physics - the Big Picture	ARKANI-HAMED, Nima
14:40	[19] Wrap up	JINDARIANI, Sergo
15:30	Fermilab Wine and Cheese Seminar Reception	
16:00	[18] America's path to a Muon Collider: A conversation with Congressman Bill Foster	CONGRESSMAN BILL FOSTER