

Inaugural US Muon Collider Community Meeting

Thursday, 8 August 2024

Parallels: Theory - One West (WH1W) (11:00 - 12:30)

-Conveners: Cari Cesarotti

| time | [id] title | presenter |
|-------|-------------------|------------------|
| 11:00 | [54] Flavor | ZUPAN, Jure |
| 11:30 | [55] Neutrinos | DE GOUVEA, Andre |
| 12:00 | [56] Dark Sectors | YU, Tien-Tien |

Parallels: Accelerator - Curia II (WH2XO) (11:00 - 12:30)

-Conveners: Diktys Stratakis

| time | [id] title | presenter |
|-------|----------------------------|------------------------|
| 11:00 | [57] Targetry | PELLEMOINE, Frederique |
| 11:20 | [58] Demonstrators at FNAL | YONEHARA, Katsuya |
| 11:40 | [59] Muon Acceleration | BERG, J. Scott |
| 12:00 | [60] R&D at SNS | MOROZOV, Vasiliy |

Parallels: Experiment - Ramsey Auditorium (11:00 - 12:30)

-Conveners: Simone Pagan Griso; Karri DiPetrillo

| time | [id] title | presenter |
|-------|-----------------------------------------------------------|------------------------------------------|
| 11:00 | [75] Introduction | DIPETRILLO, Karri PAGAN GRISO, Simone |
| 11:10 | [61] Timing detectors R&D directions | APRESYAN, Artur |
| 11:35 | [62] Pixel detectors in a muon collider environment | HEIM, Timon |
| 12:00 | [63] Challenges for calorimeter design at a muon collider | CUMMINGS, Grace |

Friday, 9 August 2024

Parallels: Experimental Hands on Simulation Tutorial - IARC Auditorium (09:00 - 10:30)

-Conveners: Alexander Tuna; Simone Pagan Griso

Parallels: Experimental Hands on Simulation Tutorial (includes pizza lunch) - IARC Auditorium (09:00 - 12:30)

-Conveners: Simone Pagan Griso; Alexander Tuna

| time | [id] title | presenter |
|-------|------------------------|----------------------------------------|
| 09:00 | [76] Tutorial Material | TUNA, Alexander PAGAN GRISO, Simone |

Parallels: Accelerator G4beamline tutorial - WH2XO Curia II (09:00 - 10:30)

-Conveners: Thomas Roberts

Parallels: Theory Parallel Discussion - Ramsey auditorium (09:00 - 10:30)

| time | [id] title | presenter |
|-------|-------------------------------------------|----------------|
| 09:00 | [73] Muon collider physics and simulation | LIU, Zhen |
| 09:45 | [74] Theory group discussion | MEADE, Patrick |

Parallels: Theory Parallel Discussion - Ramsey auditorium (11:00 - 12:00)

| time | [id] title | presenter |
|-------|-----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| 11:00 | [72] Mini-talks | LIU, Da LEWIS, Ian DUTTA, Juhi XIE, Keping HOSTERT, Matheus LI, Peiran WANG, Si CHANG, Spencer FIGY, Terrance |

Parallels: Accelerator G4beamline tutorial - WH2XO Curia II (11:00 - 12:00)

-Conveners: Thomas Roberts