

MICE CM52

Thursday, October 11, 2018

Muon beams for particle physics: review and discussion: Muon beams for particle physics - The Bar Lounge (2:00 PM - 3:30 PM)

-Conveners: **Kenneth Richard Long**

time	[id] title	presenter
2:00 PM	[19] Welcome and introduction	LONG, Kenneth Richard
2:10 PM	[20] Proton-based muon collider and neutrino factory: status, options and R&D needs	Dr PALMER, Mark
2:35 PM	[21] Positron-based muon collider: overview, issues and R&D needs	BOSCOLO, Manuela
3:05 PM	[22] Ionization cooling; recent results from MICE; implications for neutrino factory and muon collider schemes	ROGERS, Chris

Muon beams for particle physics: review and discussion: Discussion of multiple Coulomb scattering and energy loss: part 2 - The Bar Lounge (4:00 PM - 6:00 PM)

-Conveners: **Kenneth Richard Long**

time	[id] title	presenter
4:00 PM	[23] nuSTORM: physics and detectors	SOLER JERMYN, Paul
4:25 PM	[24] nuSTORM: accelerator design and status of PBC study	PASTERNAK, Jaroslaw
4:50 PM	[25] Muon collider compared to other options for the high-energy programme	DELAHAYE, Jean-Pierre
5:10 PM	[26] High-brightness muon beams for particle physics: review of opportunities	BLONDEL, Alain
5:30 PM	[27] Discussion	