

ICHEP 2020

Wednesday, July 29, 2020

Accelerator: Physics, Performance, and R&D for Future Facilities: Session I - Replay (8:00 AM - 1:00 PM)

Accelerator: Physics, Performance, and R&D for Future Facilities: Session II - Premiere (3:30 PM - 8:30 PM)

-Conveners: Michael Benedikt; Lia Merminga

time	[id] title	presenter
3:30 PM	[601] The HL-LHC: Strategies for beam optics commissioning	MALINA, Lukas
3:50 PM	[711] The Gamma Factory path to high-luminosity LHC with isoscalar beams	KRASNY, Mieczyslaw
4:10 PM	[615] CEPC Accelerator Towards TDR	GAO, Jie
4:30 PM	[850] Upgrading SuperKEKB with polarized e- beams	RONEY, Michael
4:50 PM	[865] Circular vs linear e+e- colliders, another story of complementarity	BLONDEL, Alain
5:10 PM	[955] Overview of the Path to 0.01% Theoretical Luminosity Precision for the FCC-ee and Its Possible Synergistic Effects for Other FCC Precision Theory Requirements	WARD, Bennie
5:30 PM	Coffee Break	
6:00 PM	[53] First Demonstration of Ionization Cooling by the Muon Ionization Cooling Experiment	PASTERNAK, Jaroslaw
6:20 PM	[640] Prospects on Muon Colliders	SCHULTE, Daniel
6:40 PM	[795] A flexible tool for Beam Induced Background Simulations at a Muon Collider	Dr COLLAMATI, Francesco
7:00 PM	[913] Resonant Extraction and Extinction Measurement for the Mu2e Experiment	JONES, Timothy Matthew
7:20 PM	[916] Future prospective for bent crystals in accelerators	ROMAGNONI, Marco
7:40 PM	[677] Proton and x-ray irradiation of silicon devices at the TIFPA-INFN facilities in Trento (Italy)	Dr DI RUZZA, Benedetto

Thursday, July 30, 2020

Accelerator: Physics, Performance, and R&D for Future Facilities: Session II - Replay (1:00 AM - 6:00 AM)

Accelerator: Physics, Performance, and R&D for Future Facilities: Session III - Premiere (8:00 AM - 1:00 PM)

-Conveners: Daniele Margarone; Jie Gao

time	[id] title	presenter
8:00 AM	[1038] Highlights from SuperKEKB Commissioning for early stage of Nano-Beam Scheme and Crab Waist Scheme	Prof. OHNISHI, Yuki Yoshi
8:20 AM	[729] Energy Frontier DIS at CERN: the LHeC and the FCC-eh	HOLZER, Bernhard
8:40 AM	[782] The CLIC accelerator project status and plans	BURROWS, Philip Nicholas
9:00 AM	[346] Polarized Beams at Future e+e- Colliders	LIST, Jenny
9:20 AM	[728] The High intensity Muon Beam (HiMB) project at PSI: Status and Results with the new installed production target	Dr PAPA, Angela
9:40 AM	[775] J-PARC Neutrino Beamline Upgrades towards 1.3 MW Beam Power for Long-Baseline Neutrino Oscillation Experiments in Japan	SEKIGUCHI, Tetsuro
10:00 AM	Coffee Break	
10:30 AM	[933] On the need of a ``CERN for analogs''	IORIO, Alfredo
10:50 AM	[105] Recent highlights and plans of the AWAKE experiment	ZEVI DELLA PORTA, Giovanni
11:10 AM	[1001] New generation of compact XFEL, based on the laser wake-field acceleration: current development and future perspectives	MOLODOZHENTSEV, Alexander
11:30 AM	[1037] Completion of ELIMAI: a laser-based ion beamline for multidisciplinary applications	SCHILLACI, Francesco
11:50 AM	[975] Bridging the Machine Detector Interface	NEVAY, Laurie
12:10 PM	[338] Studies of the Beam backgrounds at the CEPC	SHI, Haoyu

Accelerator: Physics, Performance, and R&D for Future Facilities: Session III - Replay (3:30 PM - 8:30 PM)

Friday, July 31, 2020

Accelerator: Physics, Performance, and R&D for Future Facilities: Session IV - Replay (3:30 PM - 8:30 PM)