



# ICHEP 2020

## Wednesday 29 July 2020

### Accelerator: Physics, Performance, and R&D for Future Facilities: Session I - Replay (08:00 - 13:00)

### Accelerator: Physics, Performance, and R&D for Future Facilities: Session II - Premiere (15:30 - 20:30)

-Conveners: Michael Benedikt; Lia Merminga

time	[id] title	presenter
15:30	[601] The HL-LHC: Strategies for beam optics commissioning	MALINA, Lukas
15:50	[711] The Gamma Factory path to high-luminosity LHC with isoscalar beams	KRASNY, Mieczyslaw
16:10	[615] CEPC Accelerator Towards TDR	GAO, Jie
16:30	[850] Upgrading SuperKEKB with polarized e- beams	RONEY, Michael
16:50	[865] Circular vs linear e+e- colliders, another story of complementarity	BLONDEL, Alain
17:10	[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
17:30	Coffee Break	
18:00	[53] First Demonstration of Ionization Cooling by the Muon Ionization Cooling Experiment	PASTERNAK, Jaroslaw
18:20	[640] Prospects on Muon Colliders	SCHULTE, Daniel
18:40	[795] A flexible tool for Beam Induced Background Simulations at a Muon Collider	Dr COLLAMATI, Francesco
19:00	[913] Resonant Extraction and Extinction Measurement for the Mu2e Experiment	JONES, Timothy Matthew
19:20	[916] Future prospective for bent crystals in accelerators	ROMAGNONI, Marco
19:40	[677] Proton and x-ray irradiation of silicon devices at the TIFPA-INFN facilities in Trento (Italy)	Dr DI RUZZA, Benedetto

# Thursday 30 July 2020

## Accelerator: Physics, Performance, and R&D for Future Facilities: Session II - Replay (01:00 - 06:00)

## Accelerator: Physics, Performance, and R&D for Future Facilities: Session III - Premiere (08:00 - 13:00)

-Conveners: Daniele Margarone; Jie Gao

time	[id] title	presenter
08:00	[1038] Highlights from SuperKEKB Commissioning for early stage of Nano-Beam Scheme and Crab Waist Scheme	Prof. OHNISHI, Yukiyo
08:20	[729] Energy Frontier DIS at CERN: the LHeC and the FCC-eh	HOLZER, Bernhard
08:40	[782] The CLIC accelerator project status and plans	BURROWS, Philip Nicholas
09:00	[346] Polarized Beams at Future e+e- Colliders	LIST, Jenny
09:20	[728] The High intensity Muon Beam (HiMB) project at PSI: Status and Results with the new installed production target	Dr PAPA, Angela
09:40	[775] J-PARC Neutrino Beamline Upgrades towards 1.3 MW Beam Power for Long-Baseline Neutrino Oscillation Experiments in Japan	SEKIGUCHI, Tetsuro
10:00	Coffee Break	
10:30	[933] On the need of a ``CERN for analogs"	IORIO, Alfredo
10:50	[105] Recent highlights and plans of the AWAKE experiment	ZEV DELLA PORTA, Giovanni
11:10	[1001] New generation of compact XFEL, based on the laser wake-field acceleration: current development and future perspectives	MOLODOZHENTSEV, Alexander
11:30	[1037] Completion of ELIMIA: a laser-based ion beamline for multidisciplinary applications	SCHILLACI, Francesco
11:50	[975] Bridging the Machine Detector Interface	NEVAY, Laurie
12:10	[338] Studies of the Beam backgrounds at the CEPC	SHI, Haoyu

## Accelerator: Physics, Performance, and R&D for Future Facilities: Session III - Replay (15:30 - 20:30)

# Friday 31 July 2020

**Accelerator: Physics, Performance, and R&D for Future Facilities: Session IV - Replay (15:30 - 20:30)**