

KEK-PH Lectures and Workshops 2020

Tuesday, 4 August 2020

KEK-PH collider: Lecture:Physics at e+e-collider(Prof. Michael Peskin) (10:00 - 12:30)

-Conveners: Mihoko NOJIRI

time	[id] title	presenter
10:00	[2] Physics at e+e-collider	Prof. PESKIN, Michael
	- [1] Part 1	
11:30	[4] Physics at e+e-colliders	Prof. PESKIN , Michael

KEK-PH collider: (workshop) (13:30 - 16:50)

-Conveners: Mihoko NOJIRI

time	[id] title	presenter
13:30	[9] Heavy quark pair productions at ILC	Dr YONAMINE, Ryo
14:00	[10] Dark matter detection at future lepton colliders	Prof. MATSUMOTO, Shigeaki
14:20	[13] Early kinetic decoupling of dark matter and the Higgs invisible decay in collider experiments	Dr ABE , Tomohiro
14:40	[12] SUSY models for the muon g-2 anomaly, and their implications	Dr YOKOZAKI , Norimi
15:20	[14] Anomaly Mediation at Future Hadron Colliders	Dr CHIGUSA , So
15:40	[15] Higgs self-coupling as a probe of sphaleron properties	Prof. KANEMURA, Shinya
16:00	[16] Probing $\mu \tau$ flavor-violating solutions for the muon g-2 anomaly at colliders	Dr TAKEUCHI, Michihisa

Wednesday, 5 August 2020

KEK-PH collider: Lecture: Basics of Hadron Collider Physics(Dr. Zhen Liu) (10:00 - 11:00)

time	[id] title	presenter
10:00	[5] Lecture1: Basics of Hadron collider	Dr LIU, Zhen

KEK-PH collider: Lecture Advanced topics of Hadron Collider Physics (Dr. Zhen Liu) (11:30 - 12:30)

-Conveners: Mihoko NOJIRI

time	[id] title	presenter
11:30	[3] Lecture 2: Advanced topics of Hadron Collider Physics	Prof. LIU, Zhen

KEK-PH collider: (workshop) (13:30 - 17:00)

-Conveners: Mihoko NOJIRI

time	[id] title	presenter
13:30	[17] Tagging boosted weak gauge bosons with deep learning	Prof. CHIANG, Cheng-Wei
13:50	[18] Minkowski Functionals for Jet Tagging	Dr LIM, Sung Hak
14:10	[19] Learning Physics at Future e-e+ Colliders with Machine	Prof. LIU, Tao
14:30	[20] Flavor Physics at Future Z-Factories: $b \rightarrow s \tau \tau$ Measurements and Beyond	Dr LI, Lingfeng
15:10	[21] Search for lepton-flavor violating processes at LHC	Prof. TSUNO, Soji
15:40	[22] Cornering Higgsino at the LHC	Dr SHIRAI, Satoshi
16:00	[23] Probing long-lived particles at Higgs factories	Dr WANG, Zeren Simon
16:20	[24] Searches for new light particles at ILC main beam dump	Dr SAKAKI, Yasuhito