

International Workshop on Future Linear Colliders, LCWS2021

Tuesday 16 March 2021

PD1/PD3: Theoretical Developments / Physics Analyses - Online Conference (22:00 - 23:59)

-Conveners: Akimasa Ishikawa; Nathaniel Craig; Roman Poeschl; Christopher Thomas Potter; Aleksander Filip Zarnecki; Sven Heinemeyer; Shigeki Matsumoto; Roberto Franceschini; Jürgen Reuter

time	[id] title	presenter
22:00	[91] Current Status of Bhabha Luminosity at 0.01%	SKRZYPEK, Maciej
22:20	[131] Higgs-to-invisible Prospects with SiD	STEINHEBEL, Amanda
22:40	[147] $H \rightarrow \tau^+ \tau^-$ CP Violation Analysis for SiD	BRAUN, Lucas
23:00	[115] Probing the NMSSM and MSSM with light neutralino dark matter through Higgs invisible measurements at the ILC	BARMAN, Rahool Kumar
23:20	[120] Resolving a challenging supersymmetric low-scale seesaw scenario at the ILC	MASIAS TEVES, JOAQUIN
23:40	[64] Exploring Right Handed Neutrinos at ILC	NAKAJIMA, Jurina

Wednesday 17 March 2021

PD1/PD3: Theoretical Developments / Physics Analyses - Online Conference (06:00 - 08:00)

-Conveners: Roman Poeschl; Nathaniel Craig; Jürgen Reuter; Aleksander Filip Zarnecki; Akimasa Ishikawa; Sven Heinemeyer; Shigeki Matsumoto; Christopher Thomas Potter; Roberto Franceschini

time	[id] title	presenter
06:00	[86] Study of energy deposition patterns in hadron calorimeter for prompt and displaced jets using convolutional neural network	Ms SENGUPTA, Rhitaja
06:20	[94] Testing CP violating Higgs sectors at the International Linear Collider	Mr KUBOTA, Mitsunori
06:40	[141] Search for Extra Scalars Produced in Association with Muon Pairs at the ILC	WANG, Yan
07:00	[14] CLIC sensitivity to invisible scalar decays	Mr MEKALA, Krzysztof
07:20	[22] Dark matter production via light mediator exchange at future e^+e^- colliders	ZARNECKI, Aleksander Filip
07:40	[53] Dark Matter at future e^+e^- colliders: chances of detection vs DM spin	IGLICKI, Michał

PD1/PD3: Theoretical Developments / Physics Analyses - Online Conference (11:00 - 13:00)

-Conveners: Christopher Thomas Potter; Roman Poeschl; Akimasa Ishikawa; Jürgen Reuter; Roberto Franceschini; Sven Heinemeyer; Nathaniel Craig; Shigeki Matsumoto; Aleksander Filip Zarnecki

time	[id] title	presenter
11:00	[3] The bottom quark mass and the Higgs boson	VOS, Marcel
11:20	[84] Measuring the CP properties of the Higgs sector at electron-positron colliders	AGATONOVIC-JOVIN, Tatjana
11:40	[32] Heavy Neutrinos at Future Linear e^+e^- Colliders	Mr MEKALA, Krzysztof
12:00	[17] Hunting scalar lepton partners - an example of direct BSM searches at lepton colliders -	BAUM, Sebastian
12:20	[109] Prospects for SUSY discovery or exclusion at future e^+e^- and pp colliders	BERGGREN, Mikael
12:40	[11] NuTools for Colliders	RUIZ, Richard