

International Workshop on Future Linear Colliders

Tuesday, 16 May 2023

Physics and Detectors: Track 1 - 48/1-112C/D - Redwood C/D (10:30 - 12:00)

-Conveners: Jorge de Blas; Aleksander Filip Zarnecki; Adrian Irlles; Graham Wilson

time	[id] title	presenter
10:30	[18] Searches for new phenomena with the ATLAS detector	OCHOA, Inês
10:48	[25] Probing non-perturbative QED and new physics with a LUXE-type experiment at the ILC	IRLES, Adrian
11:06	[29] Probing nature of heavy neutrinos at future lepton colliders	MEKALA, Krzysztof
11:24	[32] Beyond standard model searches at CMS : Highlights and prospects	DASU, Sridhara

Physics and Detectors: Track 1 - 48/1-112C/D - Redwood C/D (13:31 - 15:01)

-Conveners: Jorge de Blas; Aleksander Filip Zarnecki; Adrian Irlles; Graham Wilson

time	[id] title	presenter
13:31	[17] Probing the nature of electroweak symmetry breaking with Higgs boson pairs in ATLAS	ZHANG, Shuzhou
13:50	[23] Probing CPV mixing in the Higgs sector at an e+e- collider at around 1 TeV center-of-mass energy	Mrs VUKASINOVIC, Natasa
14:10	[26] Higgs self-coupling measurement at ILC500	TORNDAL, Julie
14:30	[34] Higgs measurements at CMS : Highlights and prospects	SARICA, Ulascan SARICA, Ulascan

Wednesday, 17 May 2023

Physics and Detectors: Track 1: joint with Track 2 - 51/1-102 - Kavli Auditorium (10:30 - 12:00)

-Conveners: Daniel Jeans; Frank Gaede; Lindsey Gray; Patrizia Azzi; Thomas Madlener; Jorge de Blas; Graham Wilson; Adrian Irlles; Aleksander Filip Zarnecki

time	[id] title	presenter
10:30	[22] Experimental prospects for indirect BSM searches in $e^+e^- \rightarrow q\bar{q}$, $q=c,b$ processes at ILC	Mr MÁRQUEZ HERNÁNDEZ, Jesús Pedro
10:50	[61] Tuning Pythia8 for future e^+e^- colliders	ZHAO, Zhijie
11:10	[100] YFS Resummation in SHERPA	PRICE, Alan
11:30	[27] New developments on the WHIZARD event generator	Dr REUTER, Juergen

Physics and Detectors: Track 1 - 51/1-102 - Kavli Auditorium (13:30 - 15:00)

-Conveners: Jorge de Blas; Aleksander Filip Zarnecki; Adrian Irlles; Graham Wilson

time	[id] title	presenter
13:30	[4] Physics with the XFEL Compton $\gamma\gamma$ Collider (XCC) Higgs Factory	BARKLOW, Timothy
13:48	[12] A short overview on low mass scalars at future lepton colliders	ROBENS, Tania
14:06	[15] P-even, CP-violating Signals in Scalar-Mediated Processes	HABER, Howard
14:24	[36] Electroweak baryogenesis in aligned two Higgs doublet model and collider phenomenology	MURA, Yushi
14:42	[128] Multi-photon signatures at LHC and future linear colliders as a probe of CP-Violation in 2HDMS	KATAYAMA, Kento

Thursday, 18 May 2023

Physics and Detectors: Track 1 - 53/1-1350-A - Trinity-A (10:30 - 12:00)

-Conveners: Jorge de Blas; Graham Wilson; Aleksander Filip Zarnecki; Adrian Irlles

time	[id] title	presenter
10:30	[40] Isosinglet vectorlike leptons at e^+e^- colliders	BHATTIPROLU, Prudhvi
10:48	[43] Impact of radiative corrections on decays of Higgs bosons in extended Higgs sectors	Dr AIKO, Masashi
11:06	[62] RH neutrino pair-production at ILC	Ms NAKAJIMA, Jurina JEANS, Daniel
11:24	[97] Prospects for light Higgs measurements at the 250 GeV ILC.	Prof. ZARNECKI, Aleksander Filip
11:42	[24] Stau searches at the ILC	NÚÑEZ PARDO DE VERA, María Teresa

Physics and Detectors: Track 1 - 53/1-1350-A - Trinity-A (13:30 - 15:00)

-Conveners: Jorge de Blas; Aleksander Filip Zarnecki; Adrian Irlles; Graham Wilson

time	[id] title	presenter
13:30	[16] Highlights on top quark physics with the ATLAS experiment at the LHC	GÖCKE, Benedikt
13:50	[37] Exploring hidden sectors at future e^+e^- colliders with particle correlations	MUSUMECI, Emanuela
14:10	[38] SMEFT fits for the top quark sector at LHC and Future Colliders	CORNET-GOMEZ, Fernando