

(Re)interpreting the results of new physics searches at the LHC

Monday 15 February 2021

Workshop talks: Monday I - virtual (online only) (13:00-15:00)

time	[id] title	presenter
13:00	[34] Introduction and overview of the workshop	KRAML, Sabine
13:20	[20] Z'-explorer: confronting Z' models against LHC data	SANDÁ SEOANE, Rosa María
13:45	[2] New and future developments in MadAnalysis 5 for LHC recasting	ARAZ, Jack
14:10	[14] SModelS v2.0: new features and developments	LESSA, Andre
14:35	[5] A shortcut to new physics: using the archive of LHC measurements to constrain BSM models	HABEDANK, Martin

Workshop talks: Monday II - virtual (online only) (15:30-17:30)

time	[id] title	presenter
15:30	[52] Open Science Needs Open Likelihoods	PROSPER, Harrison
16:00	[27] ATLAS approach to releasing likelihoods for reinterpretation	SCHANET, Eric
16:30	[50] CMS Policies and Practises on providing information for reinterpretations	RUIZ, Jose
17:00	[8] Likelihoods and more at LHCb	OWEN, Patrick Haworth

Tuesday 16 February 2021

Workshop talks: Tuesday I - virtual (online only) (13:00-15:00)

time	[id] title	presenter
13:00	[16] Recent developments in CheckMATE 2	WANG, Zeren Simon
13:25	[46] Probing Dark Matter with Disappearing Tracks at the LHC	BELYAEV, Alexander
13:45	[17] Recasting the CMS Disappearing Track search	GOODSELL, Mark Dayvon
14:05	[18] Discussion on validating ATLAS Disappearing Track recasts	KULKARNI, Suchita
14:25	[6] Review of recent searches for long-lived particles at the LHC	REDI, Federico Leo
14:50	[53] more discussion time	

Workshop talks: Tuesday II - virtual (online only) (15:30-17:30)

time	[id] title	presenter
15:30	[19] Probing Higgs Sectors with Limits and Measurements	WITTBRODT, Jonas
16:00	[30] LHC measurements and additional information to use in global fits/EFT interpretations	GILBERT, Andrew
16:30	[32] Theory aspects of EFT interpretation	BRIVIO, Ilaria
17:00	[4] Effective field theory interpretations of LHC data using Fitmaker	YOU, Tevong

Wednesday 17 February 2021

Workshop talks: Wednesday I - virtual (online only) (13:00-15:00)

time	[id] title	presenter
13:00	[38] FAIR principles for Open Science [keynote talk]	MONS, Barend
13:30	[21] Publishing results and data of direct detection experiments	MORAA, Knut
14:00	[51] Pitfalls and challenges interpreting direct detection data	MCCABE, Christopher
14:30	[39] Interpreting and combining neutrino oscillation data	LISI, Eligio

Workshop talks: Wednesday II - virtual (online only) (15:30-17:30)

time	[id] title	presenter
15:30	[41] On reinterpretation of high-intensity experiments	SOREQ, Yotam
16:00	[24] ATLAS SimpleAnalysis: "You can handle the truth!"	LORENZ, Jeanette Miriam
16:30	[10] Working with CMS Open Data: a report from the first hands-on workshop	CARRERA JARRIN, Edgar Fernando
17:00	[23] GWOSC: Gravitational Wave Open Science Center	TROVATO, Agata

Thursday 18 February 2021

Workshop talks: Thursday I - virtual (online only) (13:00-15:30)

time	[id] title	presenter
13:00	[12] Pitfalls in likelihood land	FOWLIE, Andrew
13:30	[3] Enhancing likelihood distribution with the DNNLikelihood framework	COCCARO, Andrea
14:00	[1] Artificial Proto-Modelling: Building Precursors of a Next Standard Model from Simplified Model Results	WALTENBERGER, Wolfgang
14:30	coffee/tea break	
15:00	[35] The LHC Olympics 2020: A Community Challenge for Anomaly Detection in High Energy Physics	NACHMAN, Ben

Friday 19 February 2021

Workshop talks: Friday I - virtual (online only) (13:00-14:30)

time	[id] title	presenter
13:00	[15] Recasting searches for $pp \rightarrow A(H) \rightarrow ZH(A) \rightarrow l+l- bb$ (and other processes) onto 2HDM parameter spaces	SEMLALI, Souad
13:18	[11] Type-III Seesaw: Phenomenological Implications of the Information Lost in Decoupling from High-Energy to Low-Energy	ASHANUJJAMAN, Saiyad
13:36	[45] Exploring Multilepton Signatures From Dark Matter at the LHC	FREEGARD, Arran Charles
13:54	[49] EWino searches in CheckMate and $(g-2)_{\mu}$ in the MSSM	CHAKRABORTI, Manimala
14:12	[29] Direct Detection of Dark Matter: Precision Predictions in a Simplified Model Framework	BORSCHENSKY, Christoph

Workshop talks: Friday II - virtual (online only) (14:55-15:40)

time	[id] title	presenter
14:55	[9] Constraining Electroweakinos in the Minimal Dirac Gaugino Model	REYES-GONZÁLEZ, Humberto
15:15	[13] Towards GAMBIT 2.0	KVELLESTAD, Anders