

pyhf Users and Developers Workshop 2023

Monday, 4 December 2023

Users Section: pyhf users introduction - 222/R-003 (10:00 - 11:40)

-Conveners: Giordon Holtsberg Stark; Matthew Feickert

time	[id] title	presenter
10:00	[13] Workshop welcome	FEICKERT, Matthew
10:10	[16] pyhf Overview and Basic Tutorial	Dr STARK, Giordon Holtsberg
11:00	[12] Constructing and steering pyhf models with cabinetry	HELD, Alexander

Users Section: Feedback from LHC experiments - 222/R-003 (11:40 - 12:10)

-Conveners: Matthew Feickert

time	[id] title	presenter
11:40	[6] Modernizing the ATLAS Statistical Analysis: Implementing HistFitter Strategies with pyhf in Supersymmetry search	KOURLITIS, Vangelis

Users Section: Feedback from LHC experiments - 304/1-007 (14:00 - 16:00)

-Conveners: Giordon Holtsberg Stark

time	[id] title	presenter
14:00	[22] abcd_pyhf: Likelihood-based ABCD method for background estimation and hypothesis testing with pyhf	PROFFITT, Mason
14:30	[19] The HEP Statistics Serialization Standard (HS ³)	Dr BURGARD, Carsten PELKNER, Robin
15:00	[2] HEPExplorer, an interactive visualization tool for pyhf HistFactory workspaces.	MEGAHED, Abe
15:30	[3] WorkspaceExplorer	AUSTRUP, Volker Andreas

Tuesday, 5 December 2023

Users Section: Feedback from Theory and HEPData - 6/R-012 - conference room (10:00 - 11:30)

-Conveners: Matthew Feickert; Giordon Holtsberg Stark

time	[id] title	presenter
10:00	[1] HEPData and pyhf	WATT, Graeme
10:30	[5] Signal region combination in CheckMATE	LARA PEREZ, Iñaki
11:00	[11] Staying on Top of likelihood analyses: Using pyhf in the context of global SMEFT analyses with SFitter	SCHMAL, Nikita

Users Section: Feedback from Flavor and Neutrino Physics - 6/R-012 - conference room (14:00 - 17:20)

-Conveners: Matthew Feickert

time	[id] title	presenter
14:00	[7] Searching for BSM physics with the MicroBooNE detector	MORA LEPIN, Luis Alberto
14:30	[18] Introduction to the Belle II collaboration and feedback from its analyzers	BECHERER, Fabian
15:00	[10] Feedback from SModelS	KRAMML, Sabine
15:30	[23] Coffee/Tea Break	
16:00	[9] Usage of full likelihoods in reinterpretation studies	ARAZ, Jack Y.
16:30	[20] A decade of HistFactory	CRANMER, Kyle Stuart
17:00	[21] Introducing the FAIROS-HEP Research Coordination Network	CRANMER, Kyle Stuart

Wednesday, 6 December 2023

Users Section: Discussion of Common Problems - 40/2-A01 (10:00 - 12:00)

-Conveners: Giordon Holtsberg Stark; Matthew Feickert

time	[id] title	presenter
10:00	[25] Discussion of Common Problems	Dr STARK, Giordon Holtsberg FEICKERT, Matthew

Users Section: Discussions of New Ideas - 40/R-B10 (14:00 - 16:00)

-Conveners: Matthew Feickert; Giordon Holtsberg Stark

time	[id] title	presenter
14:00	[26] Discussion of New Ideas	Dr STARK, Giordon Holtsberg HEINRICH, Lukas Alexander FEICKERT, Matthew

Users Section: Users Sessions Closeout - 40/R-B10 (16:10 - 16:40)

-Conveners: Matthew Feickert