

(Re)interpretation of the LHC results for new physics

Monday, 12 December 2022

Experience and feedback using reinterpretation material: News from recasting tools - 30/7-018 - Kjell Johnsen

Auditorium (14:55 - 16:00)

-Conveners: Marie-Helene Genest

time	[id] title	presenter
14:55	[2] New developments in MadAnalysis 5	ARAZ, Jack Y.
15:15	[22] Implementation of multi-bin searches in CheckMATE	LARA PEREZ, Iñaki
15:35	[31] Analyses combination in SModelS	WALTENBERGER, Wolfgang

Experience and feedback using reinterpretation material: publication and reuse of ML models - 30/7-018 - Kjell Johnsen

Auditorium (16:30 - 18:30)

-Conveners: Sabine Kraml

time	[id] title	presenter
16:30	[52] Introduction	KRAML, Sabine
16:40	[33] Machine learning model serialization experiences	GUEST, Dan
17:00	[20] Reusing Neural Networks: Lessons learned and Suggestions for the future	PROCTER, Tomasz
17:20	[23] Implementation of ML searches in CheckMATE	ROLBIECKI, Krzysztof
17:40	[49] CMS inputs on ML models re-usability	NGADIUBA, Jennifer
17:55	[50] Publication and reuse of ML models for recasting - discussion	ALL

Wednesday, 14 December 2022

Experience and feedback using reinterpretation material: focus on combinations and global fits - 4/3-006 - TH

Conference Room (10:00 - 12:00)

-Conveners: Are Raklev

time	[id] title	presenter
10:00	[38] Report from the LHC EFT WG	BRIVIO, Ilaria
10:25	[18] Unbinned multivariate observables for global SMEFT analyses from machine learning	TER HOEVE, Jaco
10:45	[34] LHC Measurements in Global SFitter Analyses	PLEHN, Tilman
11:05	[21] Collider constraints on electroweakinos in the presence of a light gravitino with GAMBIT	PROCTER, Tomasz
11:25	[27] Combining orthogonal LHC new physics searches.	YELLEN, James David