

WLCG/HSF Workshop 2024

Tuesday 14 May 2024

HSF: Community Software and Software Projects - Seminar Room 4 (09:00 - 10:30)

time	[id] title	presenter
09:00	[10] The ROOT Project: Status and Future Directions	PIPARO, Danilo
09:25	[24] The Scikit-HEP project - overview and future	RODRIGUES, Eduardo
09:50	[18] Key4hep - The common software stack for future experiments	MADLENER, Thomas

HSF: Community Software and Software Projects - Seminar Room 4 (11:15 - 12:45)

time	[id] title	presenter
11:15	[14] The HSF-India Project	LANGE, David
11:35	[28] User analysis software in a large collaboration (xAODAnaHelpers): development, maintenance and training.	FITSCHEN, Tobias
11:55	[26] Pythia8 status and future developments	LÖNNBLAD, Leif
12:20	[6] The Phoenix Event Display	MOYSE, Edward

HSF: Software Tools, Generators and File Formats - Seminar Room 4 (16:00 - 17:30)

time	[id] title	presenter
16:00	[35] Recent developments in the HepMC event record	VERBYTSKYI, Andrii
16:20	[3] NuHepMC: A standardized event record format for neutrino event generators	Dr PICKERING, Luke
16:40	[22] The HSF Conditions Database	GERLACH, Lino Oscar
17:00	[21] The Gaussino core simulation software	MORRIS, Adam

Wednesday 15 May 2024

HSF: File Formats and Performance - Hoersaal (11:15 - 12:45)

time	[id] title	presenter
11:15	[11] Development Status of RNTuple, the future HEP Columnar Storage Software Technology	PIPARO, Danilo
11:35	[33] BALER: Bespoke data compression using autoencoders	SMITH, James
11:55	[16] Analysis Grand Challenge benchmarking tests on selected sites	KOCH, David Martin
12:15	[15] Cloud Data Lake Technologies	GALEWSKY, Benjamin

HSF: Training - Hoersaal (16:00 - 17:30)

time	[id] title	presenter
16:00	[56] HSF Training	MORENO BRICEÑO, Alexander
16:10	[57] HELIOS	CALEGARI, Francesca
16:20	[58] SMARTHEP	GOODING, Jamie
16:30	[59] ErUM-Data-Hub	WARKENTIN, Angela
16:40	[60] HEP Experiments	LUKASHENKO, Valeriia
16:50	[76] EVERSE	ROISER, Stefan
17:00	[61] HSF Training Discussion	

Thursday 16 May 2024

HSF: Fitting and Reinterpretation - Seminar Room 4 (09:00 - 10:30)

time	[id] title	presenter
09:00	[23] Contur: A tool for reinterpreting particle-level measurements	BUTTERWORTH, Jonathan
09:20	[13] Constructing model-agnostic likelihoods, a method for the reinterpretation of particle physics results	GÄRTNER, Lorenz
09:40	[25] Model fitting in Python with zfit and Scikit-HEP	ESCHLE, Jonas
10:00	[4] NUISANCE <3 HEPData: Automated Neutrino Scattering Comparisons	STOWELL, Patrick STOWELL, Patrick

HSF: Accelerated Computing - Seminar Room 4 (11:15 - 12:45)

time	[id] title	presenter
11:15	[19] Accelerating Monte Carlo event generator analysis using efficient scalable data handling	GUTSCHOW, Christian
11:35	[20] Portable event generation on GPU-accelerated hardware	KNOBBE, Max
11:55	[32] Experiences on the software performance of LHCb's first level software trigger	HENNEQUIN, Arthur
12:15	[34] Traccc: Track Reconstruction on GPU in ACTS	KRASZNAHORKAY, Attila