HSF DAWG Introduction
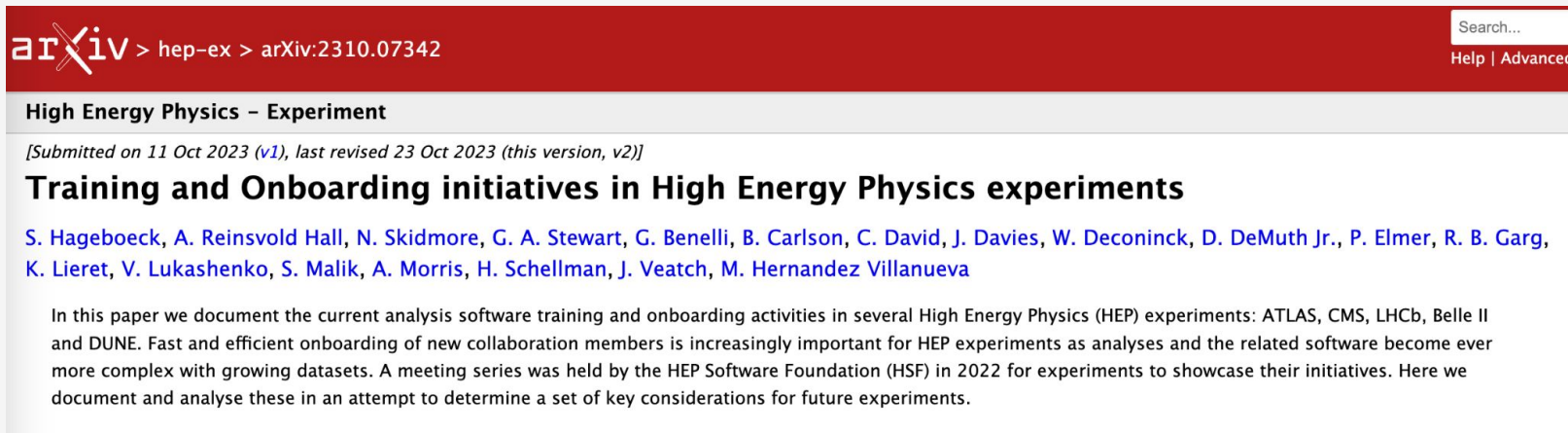
Alexander Held (University of Wisconsin–Madison)
Nicole Skidmore (University of Warwick)
Nick Smith (Fermilab)

Nov 27, 2023
https://indico.cern.ch/event/1348309

HSF training paper on arXiv

- Grown out of a series of HSF DAWG meetings, overview of training & onboarding in HEP experiments now public on arXiv: https://arxiv.org/abs/2310.07342
- Thanks a lot to everyone involved in making this happen!

arXiv > hep-ex > arXiv:2310.07342

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High Energy Physics – Experiment

[Submitted on 11 Oct 2023 (v1), last revised 23 Oct 2023 (this version, v2)]

Training and Onboarding initiatives in High Energy Physics experiments

S. Hageboeck, A. Reinsvold Hall, N. Skidmore, G. A. Stewart, G. Benelli, B. Carlson, C. David, J. Davies, W. Deconinck, D. DeMuth Jr., P. Elmer, R. B. Garg, K. Lieret, V. Lukashenko, S. Malik, A. Morris, H. Schellman, J. Veatch, M. Hernandez Villanueva

In this paper we document the current analysis software training and onboarding activities in several High Energy Physics (HEP) experiments: ATLAS, CMS, LHCb, Belle II and DUNE. Fast and efficient onboarding of new collaboration members is increasingly important for HEP experiments as analyses and the related software become ever more complex with growing datasets. A meeting series was held by the HEP Software Foundation (HSF) in 2022 for experiments to showcase their initiatives. Here we document and analyse these in an attempt to determine a set of key considerations for future experiments.

Organizational aspects

- Join our mailing list to stay in touch: hsf-analysis-wg@googlegroups.com (sign-up)

- Ideas or requests for future meetings? Please get in touch with your suggestions!

Today: HEP Statistics Serialization Standard

16:00 → 16:05	**Introduction**		⏱ 5m
	Speakers: Alexander Held (University of Wisconsin Madison (US)), Nick Smith (Fermi National Accelerator Lab. (US)), Dr Nicole Skidmore (University of Manchester)		
	🔗 HS3 on GitHub		
16:05 → 16:25	**HEP Statistics Serialization Standard (HS3)**		⏱ 20m
	Speaker: Dr Carsten Burgard (Technische Universitaet Dortmund (DE))		
	🔗 slides		
16:25 → 17:00	**Discussion**		⏱ 35m

- Feel free to make use of this [Google document](#) as well for notes / discussion (but we will also just take questions & comments directly from Zoom as normal)