

# HSF DAWG 2024 plans



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# Hand-over meeting

- Jamie joining DAWG organization, taking over from Nicole
  - Thank you very much to Nicole for all her work and engagement and welcome to Jamie!
- Identified a number of interesting topics to host (series of) meetings (next slides)
- Shorter term: contribute to DESY HSF/WLCG planning (AF session)
  - AF white paper revealed large differences in assumptions about what HL-LHC analysis will be like
  - AF discussions would really benefit from making “analysis at HL-LHC” more clear with concrete numbers, even if very preliminary and bound to change
  - Hoping for experiment input here (Graeme inquiring)
  - Depending on the material we get, will probably want to host related DAWG meeting(s)

# Topics for 2024 [1/2]

- **Workflows**

- Last DAWG meeting on the topic in Dec 2021 (<https://indico.cern.ch/event/1102574/>)
- Continued community interest, lots of topics to discuss -> natural target for a meeting series
- Also considering tutorial-style sessions (could be similar to PyHEP “module of the month”)
- Related workshop at CERN being planned (in early stages <https://indico.cern.ch/event/1380367/>)

- **Open Data**

- Had a 2023 meeting (<https://indico.cern.ch/event/1298400/>) where many people expressed interest in subsequent meetings
- Expecting news & releases in near future from experiments -> schedule meeting after that

- **HEP Statistics Serialization Standard (HS3)**

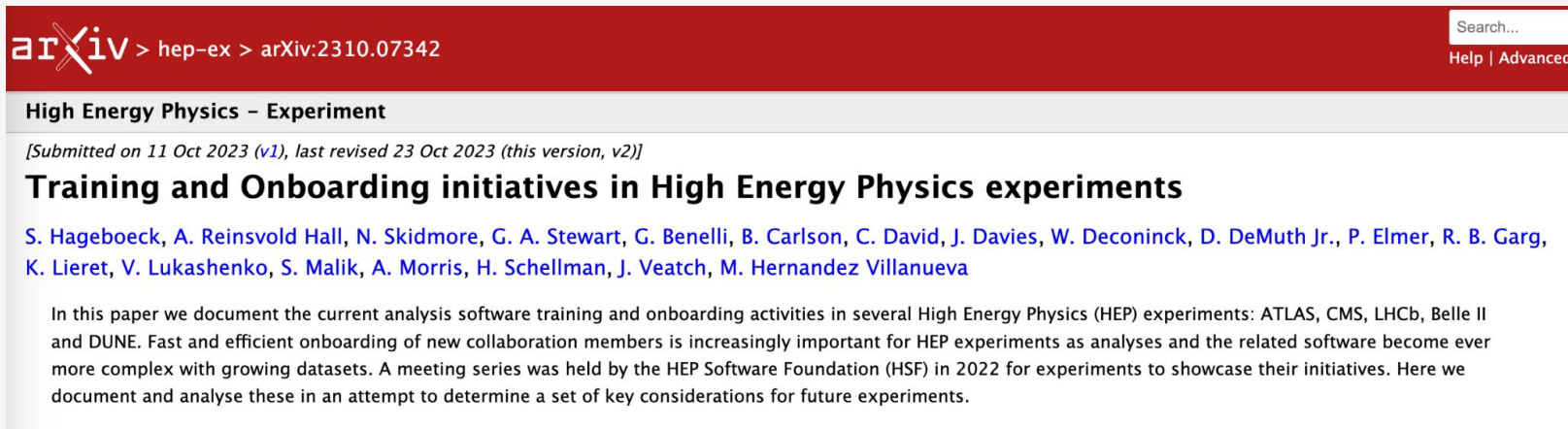
- Also expecting some related news in the near future from experiments

# Topics for 2024 [2/2]

- **Optimizing analysis for performance**
  - A topic of increasing importance with more data is performance of analysis implementations
  - Training / tutorials on tooling (how to profile etc.)?
  - Common pitfalls / patterns to use and patterns to avoid? (requires suitable speaker(s))
  - Need to develop the idea further, but we believe the topic is interesting & useful to community
- **Your idea here**
  - Always open to discuss other ideas, happy to hear your input!
- **Stay in touch: [hsf-analysis-wg@googlegroups.com](mailto:hsf-analysis-wg@googlegroups.com) ([sign-up](#))**

# Training white paper

- Training white paper grew out of a series of HSF DAWG meetings
- Published on arXiv last year: <https://arxiv.org/abs/2310.07342>
- Submitted to special CHEP2023 issue of **Frontiers in Big Data**



The screenshot shows the arXiv abstract page for the paper 'Training and Onboarding initiatives in High Energy Physics experiments'. The page has a dark red header with the arXiv logo and navigation links. The main content area is white with a light gray border. The title is in bold black text, and the authors are listed in blue text. The abstract text is in black.

arXiv > hep-ex > arXiv:2310.07342 Search...  
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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.