

HSF Frameworks WG

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January 19, 2023

Summary of 2022

- Our agenda in 2022 was not too busy ...
- Two main themes
 - [New features in C++20](#)
 - Frameworks of “small” experiments
 - [Mu2e](#)
 - [NOvA](#)
 - [JANA2](#)
- Thanks to Matti Kortelainen for his convenership last year and welcome to Nathan Brei (JLab).

Plans for 2023

- Improve interactions with other WGs
 - Accelerator usage, Simulation, ...
- Potential topics for meetings/discussions
 - Integration of accelerators into experiment frameworks
 - Allen and Gaudi in LHCb
 - Integration of CUDA and Alpaka (and beyond) in CMSSW
 - Incorporation of ML models into frameworks. Management of ML model files
 - New language features
 - New parallelism libraries as a potential long-term alternative to TBB
 - E.g., HPX
 - Key4Hep