Software Tools and packaging WG

2022 Summary and plans for 2023

HSF Coordination Meeting - 2023/02/02
Patrick Gartung, Henry Schreiner, Valentin Volkl

2022 Summary

- Thanks to Serhan Mete and Marc Paterno, and welcome to Henry Schreiner and Patrick Gartung!

- Less activity in the first half of 2022, but finally some fairly diverse events (https://indico.cern.ch/category/7975/)
  - FOSDEM contribution (Spack in HEP)
  - Build time optimizations by the ACTS project
  - Invited PUNCHLUNCH talk on packaging/conda
    - https://indico.desy.de/event/36698/
  - Spack developer talk
  - Darshan HPC I/O profiling tool
  - ALMA linux discussion (upcoming)

2023 Plans and Ideas

- Continue Spack Discussions with contributions from Spack Developers and Experiments
- Update on EESSI
- Python packaging

Together with other Working Groups:

- C++ language features
- Spack training material