

FCC SW

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FCC SW Meeting, 15 January 2021

What happened since last meeting

Key4hep / EDM4hep

- Reduced activity because of Xmas break
- Investigation started about a possible Key4hep validation infrastructure based on current LHCb system
- Discussing contributions to vCHEP2021

[Next meetings](#): Jan 19th (Key4hep), Jan 26th (EDM4hep)

- Register to egroups **hsf-edm4hep-wg** and/or **key4hep-sw**

Recent activities

- Restructuring and improvements in FCCAnalysis
 - Following discussions for Optimal interplay with FCCeePhysicsPerformance
 - Presented in at [14 Dec 2020 P&P meeting](#)
 - Follow-up with Q&A session [next Monday](#)
- Integration of the BHLUMI Monte Carlo
 - In progress. Reminder:
 - Support for LHE provided M Chrzaszcz
 - BHLUMI (and KKMCEE) will be integrated in the Spack stack
- Under discussion: topical meeting on vertexing
 - To summarize current results / status and organize the next steps
 - Jointly with Physics Performance
 - Tentatively in February

Today's meeting

- SiPM Digitization studies (E Proserpio, A Villa)
 - As several detectors are using SiPM, the overall idea would be to have a common digitisation, where we can easily benchmark various products available on the market

Next meetings

- Jan 29th
- Following tentative dates: Feb 12th, Feb 26th, Mar 12th
- Suggestion for discussion topics for next meetings are welcome