

CCE PPS Weekly Meeting

08 July 2022 [Agenda: https://indico.fnal.gov/event/54688](https://indico.fnal.gov/event/54688)

Link to previous meeting notes: [220701 - CCE PPS Weekly Meeting](#)

Attendance:

News and Reminders

- DOE (Jeremy) requests a plan for CY23, not a long term for now
 - First DRAFT here [W HEP-CCE FY23 Plans.docx](#) .
- Salman: JLSE account access is getting worked on. **Need PPS project statement.**
- ACAT 22 (Oct 24-28)
 - Abstract submissions open. Deadline: Jul 14
 - [ACAT 2022 Abstract](#)
 - [P2R Abstract](#)
 - Planning to write a paper with p2z about different experiences. Maybe ready by ACAT22.
 - wirecell will submit "portability studies"
 - Will compare SYCL, Kokkos and OpenMP
 - Focus on technical details
 - [Draft](#)
 - p2r will, still trying to decide if will be part of p2z (decided to submit an abstract, see above)
 - patatrack will, focus on alpaka
 - CERN team will submit for alpaka
 - event gen may
 - fcs probably won't
 - ACTS: cofve and detray
 - Not from CCE-PPS
- **Starting next week, zoom room will be different**

Discussion

WireCell with OpenMP [Tianle]

- <https://openmp.llvm.org/design/Runtimes.html#llvm-openmp-target-host-runtime-libomptarget>
- <https://openmp.llvm.org/remarks/OptimizationRemarks.html>


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HEP-CCE complex workflow working group

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Reports of this week

System Configuration Reporting

- produces md5 hash that can be used to identify configuration in a "database"
 - <https://github.com/hep-cce2/PPSwork/tree/master/misc>
-  Sysinfo

Wirecell

- OpenMP:
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- SYCL
 -
- Standalone testing
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FastCaloSim

- OpenMP:
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- Alpaka:
 - No updates
- Std::par
 - No updates

ACTS

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Patatrack

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P2r

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Event generators

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Metrics Documents

- Github markdown:
<https://github.com/hep-cce2/PPSwork/blob/master/Metric.md>
- Metric summary spreadsheet:
<https://docs.google.com/spreadsheets/d/14tE3oJdHRMxAPPPJ0lo8n5j0Kvr7he2AxGKLXQbdhGs/edit#gid=0>
- Google folder of all metric document:
<https://drive.google.com/drive/u/2/folders/1Ep7xdHLKxr0NK-HY7Kyx7Um5KJX331VB>

AOB

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