

CCE PPS Weekly Meeting

15 December 2023 [Agenda: https://indico.fnal.gov/event/55583](https://indico.fnal.gov/event/55583)

Link to previous meeting notes: [231208 - CCE PPS Weekly Meeting](#)

Attendance:

News and Reminders

- DOE Review Followup
 - Ongoing discussion about where celeritas fits in and what to do if we have extra funding; nothing definitive yet.
 - need updated version of milestones / projects to work on (**done**)
 - PAW CCE Review Slides:
https://drive.google.com/file/d/1HP_SlaTpdSW8n3lwYbDdfE19usYlDeWD/view?usp=sharing
 - PAW updated milestones:
<https://docs.google.com/presentation/d/1QCq9liBJfJhjQ7EbFoaCT-27qgpd4LTAzlG8m5qxCNo/edit?usp=sharing>
 - ask folks to put names next to regions of interest in "author list":
 - PAW tasks and people
https://docs.google.com/spreadsheets/d/1tTz19fy-qnTnlrnywnk-Us_Z6iNUiFvOnLimPDJ_4al/edit?usp=sharing
- Closing out CCE-1-PPS
 - overleaf: <https://www.overleaf.com/1144991646fjrvgmzycwxs>
 - **Goal:** complete the report before AHM
- ACAT 2024
 - Mar 10-15 (Stony Brook NY)
 - **Abstract deadline: Jan 5**
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- CCE All-Hands Meeting
 - December 18-19 (½ day), 2023, ANL
 - Main topic is to plan for CCE Phase 2, at least for FY24.
 - Indico: <https://indico.fnal.gov/event/61971/>
 - ANL Visitor Registration:
https://apps.anl.gov/registration/visitors/new?utf8=%E2%9C%93&sponsor_email=stezak%40anl.gov&new=Verify+Sponsor+E-mail

Reports of this week

Wirecell

- OpenMP:
 -
- SYCL
 -
- Standalone testing
 -
- Std::par

FastCaloSim

- OpenMP:
 -
- Alpaka:
 -
- Std::par / cuda / hip / kokkos

Patatrack

- std::par:
 -
- OpenMP
 -
- SYCL
 -
- Kokkos
 -

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/0/folders/1m1IJ09SIWDLzPYiub7om34aWM-1otPqN>
- Google form:
 - Survey 2023: <https://forms.gle/9VgX6aCzkPylPxK5A>
 - Survey 2022: <https://forms.gle/oQuwu3Nx5rSMDkD6>
 - Survey 2021: <https://forms.gle/rupXAGekxS1jwWNR8>
- Plan: spend some time during the all-hands to revisit the metrics discussion

	Kokkos	SYCL	OpenMP	Alpaka	std::par
Patatrack	Matti	Matti	Mark (Matti)	Matti	Julien (Matti)
Wirecell	Zhihua	Zhihua	Tianle	-	Tianle
FastCaloSim	Charles/Zhihua	Charles	Atif	Vakho	Charles
P2R	Martin	Alexei	-	Martin	Alexei
