Compute Accelerator Forum Live Notes

This is the LiveNotes for Compute Accelerator Forum meetings. Feel free to add observations on talks and to ask questions.

- Please don't delete things that other people add
- Please make sure your name is next to the question, like this [Graeme]

Introduction

- [Graeme] This is just an example comment. Or is it a question?

AdePT (Andrei Gheata)

- Is there a measure of the amount of register spillage? [Tom]
  - Not to hand, but can measure [Andrei]
  - Is some tuning here [Stefan]
- On the CMS/TestEm3 comparison, is there an obvious source for the geometry bottleneck [Marcel]?
  - The divergence is much higher, arising from the additional complexity of the CMS geometry in terms of number/types of shapes compared to one for TestEm3 [Andrei]
- Could you enumerate of the issues with using SYCL? [Vincent]
  - The primary one was calling native CUDA code within VecGeom. At the time needed very complex compiling/linking steps [Andrei]
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Celeritas (Seth Johnson)

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