

## Heterogeneous Architectures and Detector Simulation

*Monday, May 11, 2020 4:44 PM (38 minutes)*

We discuss attempts to develop libraries for adapting detector simulation (mainly) to new architectures, giving an overview of these codes, prospects for porting to other architectures and what has been learned in the process.

- HEP specific libraries: VecCore, VecGeom, VecMath
- Specific hardware features and their likely impact on HEP codes

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**Session Classification:** New Architectures, Portability, and Sustainability