

SnowMass CompF3 White Paper

**Community Needs, Tools and
Resources**

How are we actually going to train/run ML?

- Hardware
 - Conventional: FPGA, GPU, CPU
 - Specialized: TPUs, IPUs, ASICs
- Software
 - Integrating existing ML tools into physics workflows
- Role of cloud processing, HPCs
 - Needs of small and large groups
- Scalability to exascale and beyond

- Plan to start contacting groups based on LOIs next week
 - If interested, please contact me
 - Probably also want some contact with TDAQ group