

Tools for making a testbed usable (4:00-5:15)

In this breakout session, we will discuss the technical challenges associated with making early-stage quantum computing hardware available to external users. The session will begin with a few brief presentations that lead into a discussion of the following questions:

- What software infrastructure, programming tools, applications, etc. are currently available for use in a quantum testbed? How might a testbed be used to advance the development of these tools?
- Given the current state of the tools in the previous question, what support will testbed users require?

Speakers:

1. Bert de Jong, Lawrence Berkeley National Lab
End User and Developer Software Framework
2. Kelly Stevens, GTRI
Quantum Machine Compilation
3. Alex McCaskey, Oak Ridge National Lab
Software Framework for Interfacing Classical HPC with Quantum Accelerators

Session Chair: Jonathan Carter