

All Education/Training meeting – 3/9/2020

Akli, Alameda, Brunson, Cahill,
Gomez, Knepper, Mehringer, Weeden

Roadmaps – input on plans?

Complete:

- [Getting Started Roadmap](#)
- [Allocations Roadmap](#)
- [Scientific Workflows Roadmap](#)
- [Big Data Apache Spark Roadmap](#)
- [Big Data Apache Hadoop Roadmap](#)
- [How can I analyze my code?](#)

In progress:

- How to run TensorFlow?
(under review)

Planned:

(each could be broken up)

- Running a parallel program
(Parallel Computing)
- Using a parallel file system
(Parallel Computing)
- Data Analysis
- Visualization
- Gateways
- ???

Badges

Complete:

- Petascale Computing Institute
- OpenACC Beginner
- OpenACC intermediate
- OpenACC Advanced
- OpenMP Beginner
- OpenMP Intermediate
- MPI Beginner
- Big Data Beginner

- Big Data Intermediate
- Data Visualization Beginner
- Data Visualization Intermediate
- Training Webinar Designer
- International HPC Summer School

In progress:

- Python for Data Science Beginner (in review)
- XSEDE User Portal Guru (in review)

Badges Planned – Input? Topic experts?

PY9:

- Python for Data Science Intermediate
- MPI Intermediate
- Parallel Matlab Beginner (aka 'Matlab for HPC')
- XSEDE Cybersecurity
- Cybersecurity End User
- Introduction to the Lustre File System
- XSEDE: Customizing your Computing Environment
- International HPC Summer School Participant badge 2020

PY10:

- Parallel Programming Beginner
- Performance Tools Beginner
- Big Data Advanced
- OpenMP Advanced
- MPI Advanced
- Python for Data Science Advanced
- GPU for HPC Beginner
- GPU for HPC Intermediate
- Virtualization Beginner
- Virtualization Intermediate
- International HPC Summer School Participant badge 2021

Future Education/Training

- How will/should education/training be done in the future?