

Pariksheet Nanda



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Home Institution: University of Pittsburgh

Target Course: GPUs for massively parallel mechanistic modeling

Target Course Number: TBA

Anticipated Enrollment: 12

Science Gateways Resource Needs/Questions:

- Jetstream2-GPU A100 nodes with 2 GPUs each (g3.2xl).
- ACCESS CI Bridges-2 cluster with V100 GPUs for scaling and interactive jobs for debugging.

Project Goals:

- Setup student JetStream2 VM for homework, capstone projects.
- Add students to my ACCESS group for cluster runs, help them get their own ACCESS allocation.
- Teach all C++ classroom exercises inside a web IDE.
- Train students to package their project.

<https://github.com/omsai/facultyhack-gateways25-nanda>