

Looking towards the computing horizon: A Northeast Cyberinfrastructure Lab

Facilitated by John Goodhue, MGHPCC & Scott Yokel, Harvard University

Overview

In the morning we will describe our vision of the Northeast Cyberinfrastructure Lab (NECI). In this roundtable, the leaders of CI within MGHPCC would like to share more detailed architecture plans and solicit feedback from the audience about this vision.

Questions we would like the community to discuss include:

- What are the future needs of computing, storage, and networking that would enable data-drive discovery in a way that reduces the friction to research productivity?
- What are the key data and compute compliance requirements?
- What has the MOC done right and wrong that we should be integrating into our thinking?
- What kind of user support is required?
- What kind of software packages do you require to get your work done in the production space?
- What kind of technology would you like to see in the innovation space?