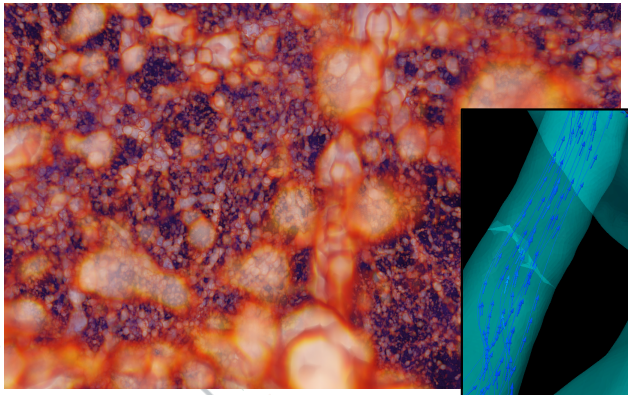
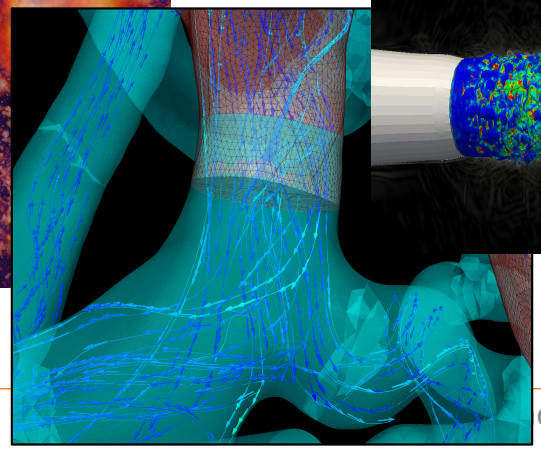
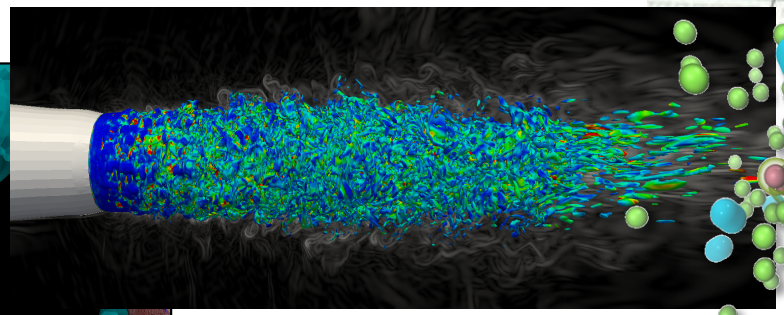
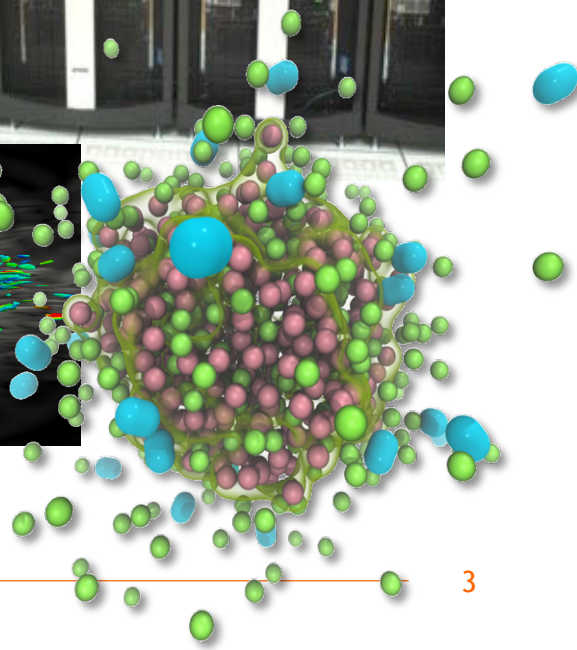
High Performance Visualization Resource: Tukey

- 96 AMD Dual Opteron 6128 Compute Nodes
  - 16 total CPU cores per node
  - 64 GB RAM
  - 2 NVIDIA Tesla M2070 GPUs, 6 GB RAM each
- 6 terabytes of CPU RAM, 1.1 terabytes of GPU RAM
- Peak GPU Performance: Over 98 TeraFLOPS
- Cross-Mounted Filesystem with Mira









ParaView

- General Purpose Visualization Tool
- Open Source
  - DOE Lab supported
- Supports many:
  - File formats (readers)
    - XDMF, XML wrapper around HDF5/binary
  - Data types (structured, unstructured, multi-block, AMR, etc.)
  - Visualization algorithms/transformations (contours, streamlines, etc.)
  - Representations
- Parallel
- Large-scale data
- Extendible
- Scriptable