Modeling and Simulation Issues

- Data flow in a heterogeneous environment
  - Avoid bottlenecks, archiving, distributing
  - Build in performance measures
- Complex modeling capability
  - Universality of storage/compression details
  - Capacity may be more important than capability
- Parallel paradigms
  - Decomposable in space/time, macro/micro?
- Security
- Manageability
- Scalability
- Systems approach to design, user involvement
  - Keep it simple, focused, useful, don't reinvent
  - Choices have costs

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