

Welcome to the Parallel Programming with MPI Workshop

Leslie Southern

Science & Technology Support Lead

OSC

leslie@osc.edu



Introduction

- **This MPI Workshop is sponsored by the Alliance Partners for Advanced Computation Services (PACS)**
- **PACS is responsible for**
 - **Grid Computing Infrastructure**
 - **Grid Computing Deployment**
 - **HPC Training Initiatives and Activities**
 - MPI WebCT
 - *OpenMP WebCT*
 - *Multilevel Parallel Programming WebCT*
 - *TotalView Debugger WebCT*
 - PETSc over AG
 - **MPI Workshop over AG**
 - **Cluster/Condor Deployment**
 - **Access Grid Deployment**

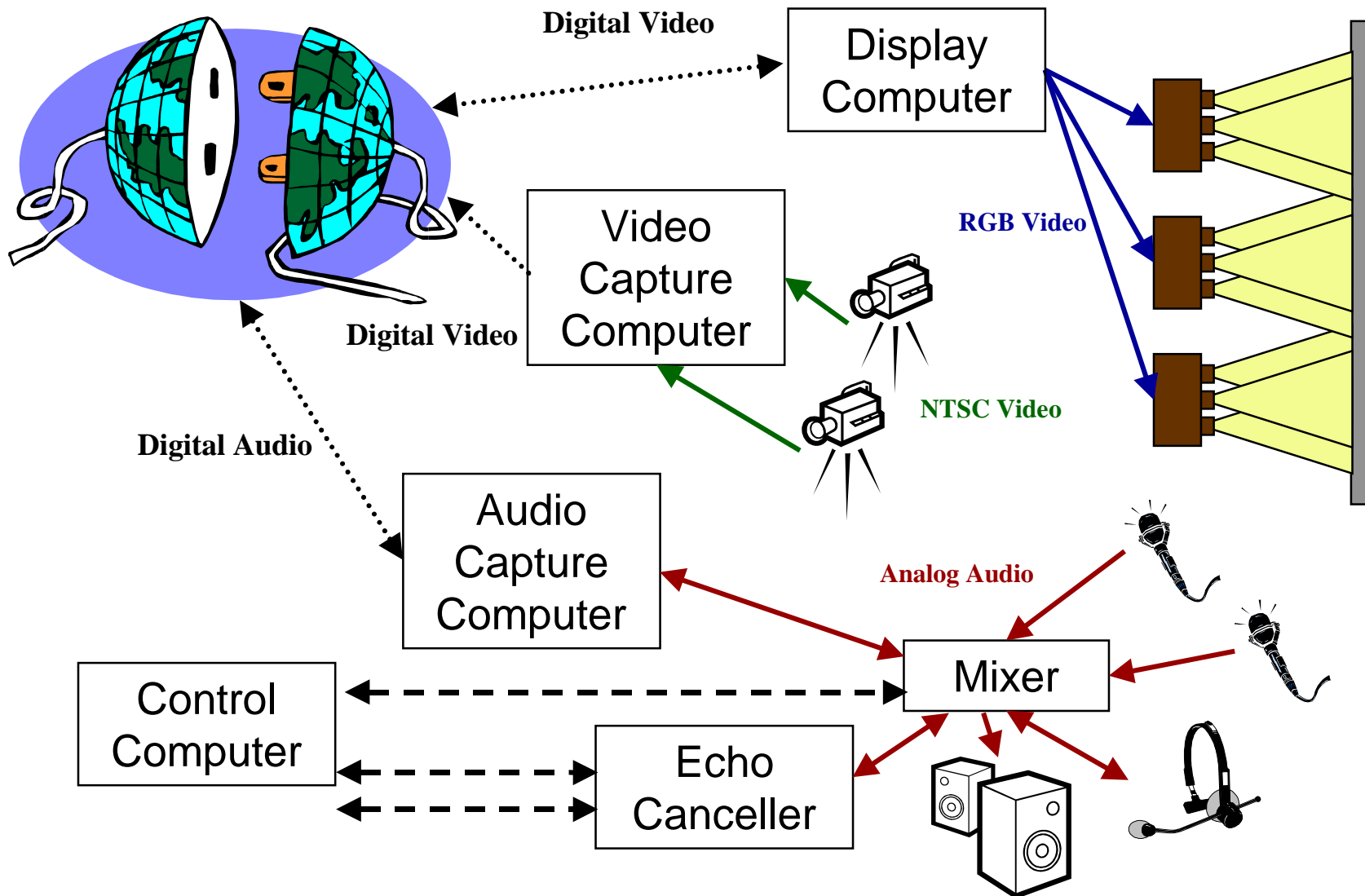


Access Grid Node

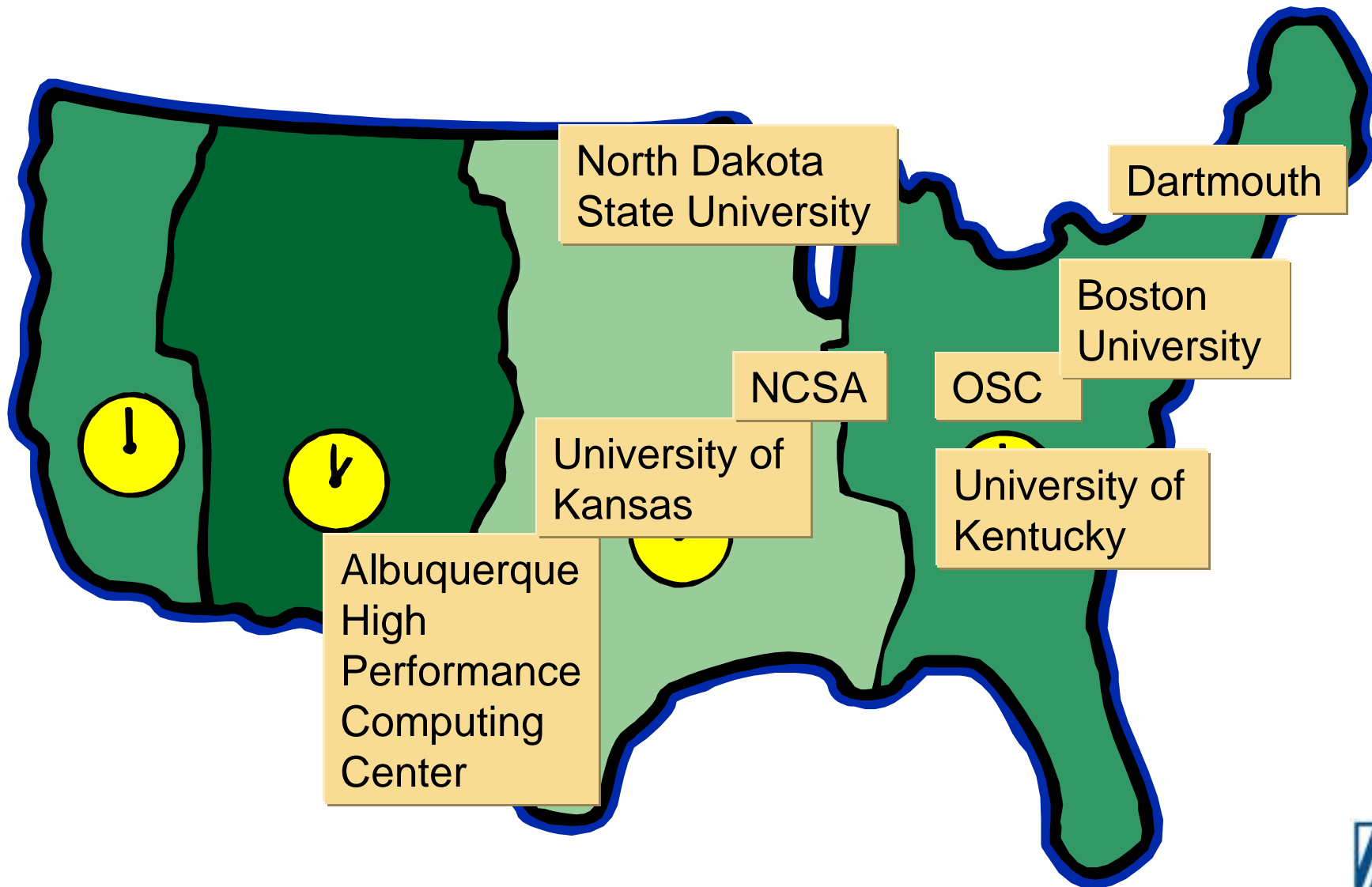
- **The Access Grid is a suite of hardware, software, and tools to facilitate group collaborative experiences over the Internet.**



Components of an AG Node



Participating Sites



Materials

- **Hardcopies at your site**
- **Electronic Copies available on General Announcement (<http://alliance.osc.edu/mpi/>)**
 - **PDF version**
 - **Frames version with JPEG images**



The Instructor

- **Dr. David Ennis has provided high performance computing (HPC) training for the OSC user community for 10 years, the National Computational Science Alliance user community for 4 years, and Department of Defense user communities for 5 years.**
- **At OSC, Dr. Ennis interacts closely with HPC users and hones course materials to their needs and interests.**
- **In addition to OSC responsibilities, Dr. Ennis has appointments in the Astronomy Department at The Ohio State University and the Physics Department at Denison University.**
- **Dr. Ennis received his Ph.D. in Physics from the California Institute of Technology. He came to OSC from NASA/Ames Research Center by way of the University of Hawaii -- Leeward Community College.**

