ISTeC
ISTeC.colostate.edu

The Information Science & Technology Center ...at Colorado State University

Colorado State University
Knowledge to Go Places

ISTeC Workshop on CSU Computing Resources

Learn what the resources are and how you can use them!

Monday, March 6
Post luncheon dessert: 12:30 to 1:15 pm
Lory Student Center room 203

1:15 - 2:00

PlanetLab
Dan Massey, Ph.D.
Assistant Professor, Computer Science Department

PlanetLab is an open platform for developing, deploying, and accessing planetary-scale distributed computing and communication services. PlanetLab is particularly useful for distributed measurement and testing distributed system designs. This presentation describes how to access PlanetLab and make use of its 300 sites around the planet. ISTeC funded the CSU site.

2:00 - 2:45

Colorado Grid Computing Initiative
Mark Ritschard
Director, Engineering Network Services

CoGrid
Hosted by Colorado State University

Through a CIT grant obtained by ISTeC in 2004, Sun Microsystems and Hitachi provided CSU equipment to create a prototypical node for the Colorado Grid Initiative (CoGrid)
Since then, the CSU node of CoGrid has been used very effectively in support of education and research at CSU, most notably in research for the National Animal Identification System. There are now four grids connected to CoGrid, providing CSU with a compute-intensive resource.

2:45 - 3:30

CSU Linux Hub
Dan Turk, Ph.D.
Associate Professor, Computer Information Systems Department, CSU Linux Hub Coordinator, CSU/IBM Linux Hub Liason

Linux

The Linux Hub is a resource donated by IBM and jointly managed by CSU and IBM that provides hundreds of virtual Linux servers running under z/VM on a z/900 IBM Mainframe. This resource is ideal for on-demand provisioning of resources, high-reliability/availability computing, and the ability to create virtual networks and virtual Linux machines on which individual students/researchers may work.