

21st Century National-Scale Team Science Demo

UCSD and GSFC linked using OptIPuter technologies over a 10-Gbps lambda across the NLR and DRAGON networks



Attendees at GSFC in Scientific Visualization Studio watching real-time HD broadcast of opening welcome by Larry Smarr and others from UCSD, displayed in lower left corner of the HyperWall.



Christa Peters-Lidard, a GSFC hydrologist, describes the Land Information System (LIS). Using the NLR, the HyperWall behind her displays LIS 1-kilometer data sets residing on an OptIPuter cluster at the University of California, San Diego.



Milt Halem (right) introducing the demo agenda to NASA Associate Administrator of Science Al Diaz (left), (in background) with live visualizations of every time-step from the NASA fvGCM forecast then running on Columbia at ARC.



~30 attendees at GSFC in Scientific Visualization Studio during the 21st Century National-Scale Team Science Demo.



Arlindo de Silva, a GSFC meteorologist, discusses high performance network-based use of GrADS-DODS for analyzing data sets prepared by the World Climate Research Program.



GrADS-DODS generated displays of MAP '05 hurricane data by GSFC information technologists Randall Jones (left) and Kevin Fisher (right).