

Scheduled Events

Day	Time	Description	Contacts	Location
Sun	8:30am – 5:00pm	Tutorial S3: Bridging Programming Languages with Babel	Gary Kumpfert	TBA
Mon	8:30am – 5:00pm	Tutorial M3: Component Software for High-Performance Computing	David Bernholdt	TBA
Tue	10:55am – 11:25am	Presentation: <i>The TAU Performance System</i>	Al Malony	NNSA/ASC Booth

Demonstrations

Description	Contacts	Contributing Organizations	Locations
CCA-Based Management of Grid Workflow for the Linked Environments for Atmospheric Discovery (LEAD) Project	Dennis Gannon	Indiana U., U. Oklahoma, U. Alabama-Huntsville, NCSA, NCAR	Indiana, NCSA
Component-Based Integration of Chemistry and Optimization Software	Joseph Kenny	ANL, PNNL, SNL	ORNL
A Graphical Environment for CCA Component Development	Boyana Norris, Craig Rasmussen	ANL, LANL	ANL, ORNL
MxN and Parallel Remote Method Invocation	Randy Bramley, Felipe Bertrand	Indiana U.	Indiana, ORNL
ESMF-CCA Prototype 2.0: Coupled Climate Models via the Grid	Shujia Zhou	NASA/Northrop Grumman	NASA
Parallel Molecular Dynamics using CCA Components for Global Arrays and Optimization	Jarek Nieplocha, Manoj Krishnan	ANL, PNNL	PNNL, ORNL
Performance Measurement of Component Software using TAU	Sameer Shende, Alan Morris	U. Oregon	NNSA/ASC
Solution of a Diffusion Equation on a Unit Square using Structured Meshes and an Implicit Integrator	Jaideep Ray, Rob Armstrong	SNL, LLNL, ORNL	ORNL