

## **Supporting Base Projects**

**“Collaboratory for Multi-Scale Chemical Science” – SNL, PNNL, ANL, LANL, LLNL, MIT, NIST, UCB, (Larry Rahn, SNL) [rahn@sandia.gov](mailto:rahn@sandia.gov)**

**“CoG Kits: Enabling Middleware for Designing Science Applications, Web Portals and Problem Solving Environments”—ANL, LBNL (G. von Laszewski) [laszewski@mcs.anl.gov](mailto:laszewski@mcs.anl.gov)**

**“Storage Resource Management for Data Grid Applications” – LBNL, FNAL (A. Shoshani) [arie@lbl.gov](mailto:arie@lbl.gov)**

**“Middleware to Support Group to Group Collaboration” – ANL (R. Stevens) [stevens@mcs.anl.gov](mailto:stevens@mcs.anl.gov)**

**“Pervasive Collaborative Computing Environment” – LBNL, Univ of Wisc. (D. Agarwal) [daagarwal@lbl.gov](mailto:daagarwal@lbl.gov)**

**“Scientific Annotation Middleware” – PNNL, ORNL (J. Myers) [jim.myers@pnl.gov](mailto:jim.myers@pnl.gov)**

**“Reliable and Secure Group Communication” – LBNL (D. Agarwal) [daagarwal@lbl.gov](mailto:daagarwal@lbl.gov).**

**“Distributed Security Architectures” – LBNL (M. Thompson) [mrthompson@lbl.gov](mailto:mrthompson@lbl.gov)**

**“The Net100 Project: Development of Network-Aware Operating Systems,” - PSC, LBNL, ORNL (Gwendolyn Huntoon)**

**“IQEcho: Interoperability and Quality of Service Across Heterogeneous Hardware/Software Platforms,” – GA Tech, (Karsten Schwan)**

**“Self-Configuring Network Monitoring,” – LBNL (Brian Tierney)**

**“High-Performance Transport Protocols,” LANL, (Wu-Chun Feng)**

**“Pushing the Network Simulation Envelop – Extending the SSF to Tera-scale Problems,” ORNL, (Bill Wing)**

**“Stability Modeling and Control of Transport Protocols (TCP) for High-Speed Data Grids,” ORNL,” (Nagi Rao)**