

Open Science Grid-Related Efforts:

H. Newman, Caltech

- ◆ **US CMS Experiment (Collaboration Board Chair)**
 - ◆ Tier2 Center; Support and Develop Grid-based Analysis
- ◆ **LHCNet: US-CERN Link**
 - ◆ Advanced Networking R&D (since 1982)
 - ◆ Partnerships with CERN/DataTAG, Starlight, Internet2, NLR Netherlight, UKLight, Translight, GLIF
- ◆ **Internet2 HENP Working Group**
- ◆ **ICFA Standing Committee on Inter-Regional Connectivity (SCIC)**
- ◆ **UltraLight (<http://ultralight.caltech.edu>)**
 - ◆ Next generation hybrid packet- and circuit-switched network development
- ◆ **LHC Data Grid Hierarchy: Grid Developments for Physics Since 1997**
 - **Grid Systems Emphasis: What is needed to build global Grids for LHC experiments and other DOE/NSF major HEP Programs ?**
- ◆ **PPDG and GriPhyN/iVDGL**
- ◆ **Focus on Grid-enabled Analysis Environment (GAE) Development**
<http://ultralight.caltech.edu/gaeweb>
 - ◆ An approach and services architecture for Grids that will support global scientific collaborations (at LHC and elsewhere)