

ICE LABORATORY

INTERACTIVE COLLABORATIVE ENVIRONMENTS

The mission of the Interactive Collaborative Environments Laboratory is to create a venue for faculty, staff, and student researchers to explore and develop advanced technology applications for real-time, interactive, n-way connections among people separated by distance. These research projects will be used for actual collaboration, dissemination, and outreach functions in order to better undertake focused research and development efforts for technology improvements and to acquire a practical-based understanding of the human factor issues and the social implications of specific technology choices.

CURRENT PROJECTS

Building Connected Communities

- RIT Global Collaboration Grid

Access Grids in Teaching & Learning Environments

- CIS CyberPortal Project
- CASCI Collaboration Venues Project
- DVTS DV over IP (WIDE Project and Internet2)
- DVTS interface development
- HDV High Definition over IP (UW and McGill)
- HDV compression and transmission development
- Philadelphia Orchestra Internet2 Project
- Two-Way Web
- NTID Hypersonic Speaker Evaluation
- NTID CyberPortal Project

FUTURE PROJECTS

- VRVS/EVO web gateway and collaboration system (CalTech)
- 3D Stereo Live Video for medical applications
- Remote operation of equipment for test engineering

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