



## Visualization Tools to Bridge Gaps for Distributed Knowledge and Distance Collaboration

September 16-17, 2011

Jointly Sponsored by

California Institute for Telecommunications and Information Technology<sup>1</sup>  
Minority Serving Institutions- CyberInfrastructure Empowerment Coalition<sup>2</sup>

### Workshop Syllabus

#### Thursday September 15, 2011

Arrival at San Diego International Airport, Shuttle to Sheraton Hotel, adjacent to UCSD

17:30 Shuttle pickup at Sheraton for dinner in La Jolla  
Mixer/dinner (Tom DeFanti, Greg Hidley) - Chedi Thai Bistro, 737 Pearl St. Suite 110, La Jolla, 92037

#### Friday September 16, 2011 – Sessions at CalIT2

8:30 Shuttle pickup at Sheraton for CalIT2; Breakfast at Calit2

9:00 Welcome to UCSD: Richard Alo', MSI-CIEC; Ramesh Rao, CalIT2

9:15 Introductions, Logistics, Overview of program: Greg Hidley and/or Tom DeFanti

9:30 – 10:00 Overview: Visualization tools to bridge gaps for distributed knowledge and distance collaboration – Dr. Tom DeFanti and others from CalIT2 Project OptIPortal project team

10:00 – 10:30 OptIPortable Classic Anatomy 101 (overview of framing, displays, computers, software)

10:30 – 10:45 Hook up to SAGE – Joe Keefe

10:45 – 11:00 Break (Coffee, Tea, Juice)

11:00 – 11:30 Theory 1: Software (OS, middleware and applications) – John Mangan & Todd Margolis

11:30 – 11:50 Practice 1a: SAGE – UIC live talk/demo

11:50 – 12:10 Practice 1b: CGLX/CalViz – John Mangan

12:10 - 12:30 Practice 1c: CalVR – Andrew Prudhomme

12:30 – 14:00 Lunch Break and touch wall practice

14:00 – 14:45 Theory 2: Networking and Peripheral Integration – Todd Margolis & Joe Keefe

14:45 – 15:30 Practice 2: OptIPortable Audio support options – Nathan Brock

15:30 – 16:00 Theory 3: Tracking and 3D – Todd Margolis

16:00 – 16:15 Practice 3a: Hands on tracking and 3D demonstration – Todd Margolis

16:15 – 16:45 Practice 3b: Detailed tour of Virtulab and Vroom – Greg Dawe & Todd Margolis

17:00 Return to hotel

17:30 Shuttle pickup at Sheraton for dinner in Del Mar

18:00 Group dinner, Il Fornaio, Del Mar (Greg Hidley)  
Il Fornaio Restaurante, 1555 Camino Del Mar Suite 301, Del Mar, CA

<sup>1</sup> CalIT2 (Grant #), <sup>2</sup> MSI-CIEC (NSF CI-TEAM, OCI-0636352)





**Saturday September 17, 2011 – Sessions at CalIT2**

- 9:00 – 9:30 OptIPortable Bill of Materials and pricing – Greg Hidley
- 9:30 – 10:30 Funding opportunities – Richard Alo' and Tom Defanti
- 10:30 – 10:45 Break (Coffee, Tea, Juice)
- 10:45 – 11:30 Q&A, next steps, and wrap up – Richard Alo' and Tom Defanti
- 11:30 – Box lunch here or to go
- 10, 11, Noon- Shuttle departures for San Diego International Airport (takes 30 minutes at most)

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