MONDAY, APRIL 11, 2005

10 a.m. Registration
Cleary Alumni & Friends Center

10:30 a.m. Keynote
“Telepresence: Better Than Being There”

11:30 a.m. Reception for DeFanti
Cleary Alumni & Friends Center

3 p.m. Symposium
“Extraordinary Resolution Visualization, Virtual Reality and Networking”

4 p.m. Informal/questions/social
Cleary Alumni & Friends Center

All events are open to the public but may we suggest you reserve a place by registering in advance using the form attached.

Persons attending the Lecture Series may park in University Lot #12, the Cleary Alumni & Friends Center at East Avenue & La Crosse Streets.

For further information contact:
Dr. Steve Senger
Computer Science Department
University of Wisconsin-La Crosse
1725 State Street
La Crosse, WI 54601
(608) 785-8387
Email: senger@cs.uwlax.edu

University of Wisconsin-La Crosse

Distinguished Lecture Series in Computer Science

Make Lecture Series reservations for:
Name_________________________________________
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Organization__________________________________
Address_______________________________________
City_____________________State______Zip________
E-mail_________________________________________
Business Phone (________)______________________
Check events attending:
_____ Keynote Lecture
_____ Reception
_____ Symposium

Other participants from your organization:
Name_________________________________________
Title__________________________________________

Reservations are due April 8, 2005.

Detach this card and send registration to:

UW-L Foundation
Cleary Alumni & Friends Center
615 East Ave. N.
La Crosse, WI 54601
(608)785-8489
Fax (608)785-6868
E-mail: trapp.alle@uwlax.edu
Keynote Lecture:

“Telepresence: Better Than Being There”

What will happen when telepresence, that is, our senses travelling to other places at light speed, becomes really good? Many Midwest families are now spending more each month on communications (including telephones, cell phones, Internet access, online games and cable TV) than electricity and heat for their homes. These communications technologies are already good enough to replace some of our commuting and travel needs, particularly in shopping, learning, playing and keeping in touch with one another. What uses of telepresence might further replace our energy-consuming driving and flying around so much, and therefore pay for themselves? What will happen when telepresence is better than being there? Is it already? This lecture will examine cutting-edge visualization and collaboration technology aimed at providing extended tele-realism to our everyday lives.

Symposium Lecture:

“Extraordinary Resolution Visualization, Virtual Reality and Networking”

The Electronic Visualization Laboratory at UIC has been researching advanced modalities of visualization over networks for over a decade, first hooking up CAVES as 3D phone booths nationally and internationally. EVL is now addressing the delivery of 4000x2000 (8 megapixel — 4xHDTV) digital motion pictures, the exploration of 55-screen 100 megapixel collaborative spaces and virtual reality needing no special viewing glasses. Providing visualization technologies such as these over distance involves developing new all-optical switching techniques, transport protocols, data handling, security and middleware. Applications in geoscience and neuroscience as well as entertainment are part of this effort to provide guaranteed bandwidth for new visualization application tools and techniques.