Orange County ACM SIGCHI

Monthly meeting

February 20, 2002, 5-7:00 PM

Held at America Online in Irvine

Title: Extending the Action Game: 3D and 4D Interfaces

OCCHI is honored to present Mike D'Zmura, Professor of Cognitive Science at UC Irvine, as our guest speaker whose research includes human and computer vision. Dr. D'Zmura will describe two projects at the UC Irvine VR Lab that use computer graphic techniques to extend the standard 3D action game interface.

The first project locates a 2D windows GUI within a 3D virtual environment, with the intent of making standard computer software and function available in 3D virtual environments. The window GUI supports applications that use 2D graphics and, through GPU programming, those that use bump-mapping or 3D graphics.

The second project examines human behavior in 4D virtual environments, similar to those found in 3D action games, which are presented using a custom 4D computer-graphic engine. Experimental work shows that we can learn to navigate along paths through environments with four spatial dimensions, and that, through training, we can monitor our global orientation and position along paths in 4D space.

The meeting is free and open to anyone.
To RSVP, send email to mimi.brown@unisys.com

America Online

111 Academy Way
Irvine, CA 92612

Cross streets: University and California (in the University Research Park)
Driving instructions on the back

The meeting is free and open to anyone.

To RSVP, send email to mimi.brown@unisys.com
All guests will be checked in and out with the security desk in the AOL lobby.

OCCHI

OCCHI has monthly gatherings offering presentations, panels, and demonstrations. Anyone is welcome to join. Membership in any other organization, national ACM or national SIGCHI, is **not** required. Current members include a wide variety of professionals with a common interest in human-computer interaction. They are interface designers, graphic designers, usability engineers, research scientists, psychologists, technical writers and software engineers. They work in large and small companies and universities. They are students, professors, independent consultants, and corporate employees. To become a member, visit our web sit at http://groups.yahoo.com/group/OC_CHI/ and subscribe.

Directions to America Online

111 Academy Way
Irvine, CA 92612

Directions from the North:
Travel South on Campus to University
Right onto University, to California
Left onto California, to Academy (first street)
Right onto Academy to first driveway on the left (111 Academy Way)
Left into first driveway, find a parking spot (free parking)
Enter the main entrance of building

Directions from the South:
Travel North to Bison Ave.
Turn right onto Bison Ave.
Turn left onto California Ave.
Turn left onto Academy
Turn left into first driveway, find parking spot (parking is free)
Enter the main entrance of building

To RSVP, please send email to Mimi Brown at mimi.brown@unisys.com
Please note that guests will be checked in and out with the security desk in the AOL lobby.