



Image credit: EVL University of Illinois, Chicago

New Horizons in Visualisation

Monday 14th October 2013

Seminar: Advanced Visualization Instrumentation

Presenter: Professor Jason Leigh, Director, Electronic Visualization Laboratory, University of Illinois at Chicago

Time: 11.00am – 12.30pm.

Location: Ground Floor Seminar Room (Rooms G29/G30), New Horizons (Building 82), Clayton Campus.

Cost: Free and open to all.

Websites: EVL website: <http://www.evl.uic.edu>, Speaker website: <http://jasonleigh.me>

Abstract: In 1992 the Electronic Visualization Laboratory (EVL) at the University of Illinois at Chicago invented the CAVE- that created a paradigm shift in virtual reality away from bulky head-mounted displays to light-weight 3D glasses with images projected on walls. This presentation will describe EVL's research in visualization instrumentation since the CAVE, and how they are used everyday for research and education around the world.

Speaker biography: Jason Leigh is a Professor of Computer Science and Director of the Electronic Visualization Laboratory and the Software Technologies Research Center at the University of Illinois at Chicago. Currently he is a Fellow of the Institute for Health Research and Policy. He has also held appointments at Argonne National Laboratory, and the National Center for Supercomputing Applications. His research expertise includes: large scale data visualization; virtual reality; high performance networking; and video game design. In 2010 he initiated a new multi-disciplinary area of research called Human Augmentics - which refers to the study of technologies for expanding the capabilities and characteristics of humans. His work has received widespread press from media including: the New York Times, Popular Science's Future Of, Nova ScienceNow, and NSF Science Now. Leigh also teaches classes in Software Design and he has been teaching Video Game Design for over 10 years.

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Timeslots: 12.30 - 12.45pm, 12.45 - 1.00pm, 1.00 - 1.15pm, 1.15 - 1.30pm, 1.30 - 1.45pm, 1.45 - 2.00pm, 2.00 - 2.15pm and 2.15 - 2.30pm.

Location: Room 3.34, Level 3, New Horizons (Building 82), Clayton Campus.

Cost: Free and open to all.

To register for an open house timeslot: Please email Cheryle Allan at cheryle.allan@monash.edu



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