



MEETING NOTICE & INVITATION  
Pacific Northwest Chapter • Society for Information Display

## ***Optics in the User Interface***

**Adrian Travis**

Senior Researcher

**Wednesday, November 5th at 6:00 P.M.**

Microsoft Research  
Building 99, Room 1927  
14820 NE 36<sup>th</sup> Street  
Redmond, WA 98052-6399

### **Abstract**

We can look out from the surface of an LCD by putting a waveguide behind and using it as a periscope but aperture diffraction limits both this and the display of 3D. The speaker will describe the potential benefits and constraints for the user interface.

### **Speaker Biography**



After getting his green beret in 1981, Dr. Adrian Travis went up to Cambridge University and received his BA in engineering in 1984. He sank a 40 ft motor cruiser 20 miles from Corsica in 1985 and won the university's annual prize for his PhD thesis in 1988 on optical fibre couplers. He became a lecturer in 1989, specializing in 3D display and wedge optics and spent several years on the committee of the UK chapter of the SID. In 2007, he joined Microsoft Applied Science Group focusing on optics for the user interface. He won the UK's Royal Academy of Engineering silver medal in 2008 and was made a fellow in 2009. He is an occasional lecturer at the Institut d'Optique in France, plays the piano and is learning Arabic.

## Seminar

The Seminar is free. Please join the speaker for a no-host dinner after the seminar. Directions to the restaurant will be provided at the seminar. Non-Members are welcome. RSVP to Gary Johnson at [Gary.Johnson@tek.com](mailto:Gary.Johnson@tek.com) or (503) 627-1985. Please indicate if you plan to participate in the dinner.

The Pacific Northwest Chapter of the Society for Information Display was established for the following purposes:

- To support the activities and purposes of SID.
- To encourage and contribute to the scientific and educational advancement in the field of information display and to promote its use.
- To provide forums for the exchange and dissemination of ideas and knowledge relating to the field of information display.

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