



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

## ***Aviation Head-up Displays and Vision Systems***

### **Rob Brown**

Staff Engineer in Optics, Rockwell Collins

**Wednesday, January 25th - 6:00 P.M.**

PLANAR Systems (headquarters)  
1195 NW Compton Dr.  
Beaverton, OR 97006 (503) 748-1100

### **Abstract**

This talk will cover the current state of the art of Head-up Displays and multi-band vision systems. Specific topics will include general optical principles of HUDs and cameras, as well as human factors in the use of the systems on board an aircraft. Comparison of traditional optical designs to the latest waveguide technologies will be of special interest to those following recent developments in consumer electronics displays.

### **Speaker Biography**

Rob Brown is a Staff Engineer at Rockwell Collins in Wilsonville, Oregon. For over 28 years he has been involved in the development of optics technologies including holography, lens design, displays, coatings, illumination, raytracing, metrology, engineering management, and more. 26 of those years have been at Rockwell Collins. Rob holds over 15 patents. Rob received his BS in Physics/Modern Optics and Lasers at San Diego State University. In Rob's spare time, he has mentored Saturday Academy Apprenticeships in Science and Engineering for the past 21 years.

## 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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