



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

***Medical Display Optimization: Measuring the human perception of factors like non-uniformity and limited response time***

**Albert Xthona**

Product Manager, Barco

**Wednesday, January 9th - 6:00 P.M.**

PLANAR Systems (headquarters)  
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**Abstract**

Creating medical displays requires addressing many display factors. Indeed many are common to all displays: luminance, viewing angle, etc. However, for medical displays, the question of which factors are most *clinically* important informs design tradeoffs. This talk discusses the measurement of the clinical impact of these performance factors. Focus will be on the relevance/irrelevance of various factors and on the measurement of the impact of response time, spatial noise, and luminance.

**Speaker Biography**



Albert Xthona has a BSE from Princeton University and has been working as product manager for Barco's Healthcare division since 1996. Barco is a Belgium-based specialty display company that since 1999 has maintained an R&D facility in Beaverton.

## 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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- **Driving Directions**

Coming from the North:

Take I-5 South

Merge onto I-405 S via exit 302B toward BEAVERTON/US-30 W/ST. HELENS. 2.3 miles

Merge onto US-26 W via exit number 1D toward BEAVERTON. 9.5 miles

Coming from the South:

Take I-5 North

Merge onto OR-217 N via exit number 292A toward TIGARD/BEAVERTON. 7.5 miles

Merge onto US-26 W via the exit- on the left- toward TILLAMOOK/ASTORIA. 4.7 miles

Take the 185TH AVE. exit- exit number 64- toward ROCK CR. 0.2 miles

Turn LEFT onto NW 185TH AVE. 0.5 miles

Turn RIGHT onto NW CORNELL RD. 0.4 miles

Turn LEFT onto NW AMBERGLEN PKWY. 0.6 miles

Turn LEFT onto NW GIBBS DR. at the sign - PLANAR 1195

Immediately turn RIGHT into the driveway and LEFT to the front of the building.

Park near the main entrance.

