



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

IGZO – The Enabler, Empowering Next Generation Display Technology

Dave Hagan

Sr. Product Marketing Manager, Sharp Microelectronics of the Americas

Wednesday, May 28th at 6:00 P.M.

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

Abstract

IGZO (Indium Gallium Zinc Oxide) is being implemented at Sharp as a semiconducting material used to replace the amorphous silicon that has been the mainstay for fabricating thin film transistors in active matrix LCDs since these displays were introduced into production in the 1990's. This new material has much higher electron mobility enabling several significant performance improvements and potential new capabilities that will be discussed in the presentation.

Speaker Biography



Dave entered the world of electronics via the U.S. Navy, focusing on radio electronics in the VLF spectrum. Following this, he earned a degree in Physics from California State University at Northridge. Upon graduation, he began his display career at IEE, focusing on CRT, VF, Plasma, LCD and high-reliability value-add programs in both sales and marketing.

He joined Sharp Microelectronics of the Americas in the early '90s, focusing on STN and early TFT LCD products and technology serving a broad range of markets: medical, POS, PND, industrial control, gaming, etc. Over the years at Sharp, he has supported value-add configurations from simple resistive touch screen add-ons to multi-layer optically bonded solutions to high-reliability, sunlight-readable outdoor solutions. After more than 20 years experience in adapting to the latest LCD trends, he now supports today's cutting-edge display technologies, including IGZO, PCAP, UHD Signage and TV and MEMS.

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 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.

The Executive Committee of the Pacific Northwest Chapter consists of:

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