Monday, June 03, 2019

WEBINARS

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Stabilizing the Line of Sight: LOS Dynamics and Control

Thursday, June 6, 2019 1:00 PM - 2:00 PM EDT

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About This Webinar

This webinar, presented by the author of Stabilizing the Line of Sight (Photonics Media Press, 2018), will provide an overview of the issues and topics that must be addressed to successfully implement Line of Sight (LOS) control and stabilization design.

Presenter Peter Kennedy will introduce attendees to LOS pointing, tracking, and stabilization, with a focus on LOS definition, performance, architecture, and basic theory. He will provide a general methodology for LOS stabilization system design and identify critical algorithms for analyzing stabilization techniques. The objective of the webinar is to provide attendees with a firm grounding in LOS stabilization, so that they will be able to address the detailed design tasks required to perform an actual design. Many topics critical to LOS design, such as component selection, control system design, and detailed disturbance analysis, are beyond the scope of the webinar, but they will be identified as required for design implementation.

All attendees will be registered in a drawing to receive a free copy of Stabilizing the Line of Sight by Peter and Rhonda Kennedy — the best guide available to effective LOS control and stabilization design.

About the presenter:
Peter Kennedy, a systems engineer at Northrop Grumman Mission Systems, has more than 40 years of experience in precision pointing and stabilization control system design and analysis; infrared system design and analysis; and IR tracking techniques. Specifically, Kennedy's experience includes the design and development of electro-optical EOIR systems for airborne platforms and ground vehicles, and the design and evaluation of several stabilized point-and-track systems.

He has worked for Northrop Grumman Electronic Systems, ITT Exelis Electronics Systems, Scitec Inc., ATT Bell Laboratories, and the U.S. Army Electronic Warfare Laboratory and Naval Engineering Center. He has a B.S. degree in mechanical engineering from Lafayette College and an M.S. degree in industrial engineering from Lehigh University and has been a licensed professional engineer in New Jersey since 1976.

Who should attend:
Engineers, engineering managers, engineering students, and educators involved in the design of pointing systems for optical transceivers and antennas will benefit from this presentation on LOS control and stabilization design. Anyone involved in pointing system design for vehicle-mounted applications with radar, lasers, and camera/sensor tracking, especially cameras for drones and driverless vehicles, will learn how to produce better images based on LOS stabilization.

Mark Your Calendar

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Space is limited. Reserve your Webinar seat now at: https://attendee.gotowebinar.com/register/5296609592316480771

After registering you will receive a confirmation email containing information about joining the Webinar.

SYSTEM REQUIREMENTS

PC-based attendees
Required: Windows® 10, 8, 7, Vista, XP or 2003 Server

Mac® -based attendees
Required: Mac OS® X 10.6 or newer

Mobile attendees
Required: iPhone® , iPad® , Android™ phone or tablet, Windows 8 or Windows Phone 8

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