Thursday, February 13, 2020

# WEBINARS

PHOTONICS MEDIA photonics.com

Expand your knowledge. Grow your career.

## Join us for a FREE Webinar

# Optical Design and Fabrication: Considerations for Going Custom

## Tuesday, February 25, 2020 1:00 PM - 2:00 PM EST

**Register Now**

Sponsored by

LaCroix Precision Optics | AOC | zygo® | PG&O Precision Glass & Optics

## About This Webinar

This webinar will address the items to consider when designing and fabricating a custom lens for any given system. Presenter Stuart Singer, chief executive officer at Schneider Optics, Inc., will review the basic parameters and specifications required to analyze a possible commercial off-the-shelf (COTS) lens solution, a modified COTS lens solution, or lens solutions that are fully modified to meet your requirements. He will review basic optics principles and provide practical guidance on optical specification, and will address custom lens design fabrication tolerances with regard to cost and feasibility for single application as well as serial mass production. You will learn how to convey your requirements to an optical design/fabrication company to obtain meaningful quotes and a full understanding of your options.

**About the presenter:**
Stuart W. Singer is CEO of Schneider Optics, Inc., the U.S. subsidiary of Schneider-Kreuznach of Germany. He has 40 years of optical manufacturing, lens design, and management experience, as well as technical sales experience in optical applications for the machine and robotic vision, military reconnaissance, spaceborne optical systems, industrial/commercial, and motion picture/television industries.

For the last two years, Singer has served as the senior technical director of Ruda Cardinal, Inc., a leader in optical design and fabrication. Prior to that, he was the senior vice president and CTO of Schneider Optics for seven years and its technical director for 17 years. Prior to Schneider, Singer was the optical engineering manager at Loral Fairchild Systems, formerly known as Fairchild Reconnaissance and Surveillance Systems, for 14 years.

Singer is a senior member of SPIE, the international society for optics and photonics. He received a National Emmy Award in 2012 for his development of an IRND filter for digital motion picture cameras. He has published numerous technical papers and has been a frequent lecturer in the field of optics.

**Who should attend:**
Optics professionals with all levels of experience, from those who are new to the field to those who are more experienced, but who would like a refresher in fundamental optics. A grounding in the basics of optics and in specifications for custom optics is recommended. Regardless of your experience level or your industry, your one-hour investment in this webinar should lead to better results in your optical designs and your final product(s).

This webinar is sponsored by LaCroix Precision Optics, Applied Optics Center (AOC), ZYGO, and Precision Glass & Optics (PG & O).

## Mark Your Calendar

### Date: Tuesday, February 25, 2020

### Time: 1:00 PM - 2:00 PM EST

Space is limited. Reserve your Webinar seat now at: https://attendee.gotowebinar.com/register/7926201604707154701

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

## More from Photonics Media

### Upcoming Webinars

- Machine Vision System Design and Integration: Challenges and Trends, 2/19/2020 12:00:00 PM EST
- Positioning Equipment for Automated Fiber Optics Device Manufacturing: Practical Ways to Solve Challenging Problems, 4/22/2020 1:00:00 PM EDT

### Archived Webinars

- Advancements in Precision Motion Control for Electro-Optical Manufacturing and Laser Materials Processing
- Vision Systems for Deep Learning
- Filters: The Key to Image Quality in Modern Vision Applications