



WEBINARS

Join us for a **FREE Webinar**

Virtual Reality Optics: Present and Future

Thursday, January 14, 2021 10:00 AM - 11:00 AM EST

[Register Now](#)

.: About This Webinar

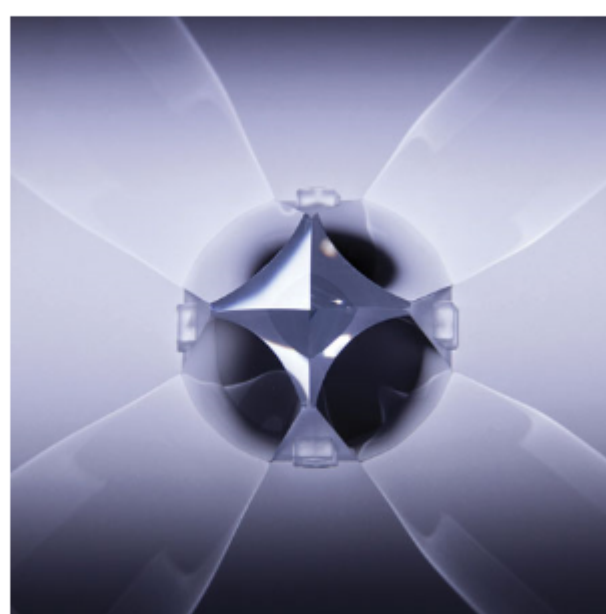
Virtual Reality (VR) is envisaged as one of the next platforms for human computer interaction, with a vast range of potential applications. The features required for an ideal VR headset imply a big challenge to the design of the optics: ultrawide field of view, high resolution, small volume, energy efficiency, and low stray-light are desirable goals to accomplish. This webinar will cover from the description of the present solutions in the market (based on aspheric lenses and polarization "pancake" optics) to the most advanced proposals (freeform, foveated, multichannel, diffractive, holographic), including an introduction to additional challenges to be tackled in next-generation designs.

Who should attend:

R&D scientists, engineers, QC professionals, and others whose work involves the development, sale, or maintenance of optics for virtual reality or related applications. All those looking to improve their knowledge of the history of VR optics and where they may be headed for future applications and design improvements.

About the presenter:

Pablo Benitez, Ph.D., is professor at the Technical University of Madrid, Spain, where he leads the Optical Engineering group. In the last 20 years he has pioneered research in design of aspheric and freeform optics for nonimaging and imaging applications. Specifically, he is co-inventor of the SMS optical design method. More recently, Benitez co-founded and is CTO of Limbak, which is an IP company developing advanced freeform optics for the forthcoming VR and MR glasses. Benitez is the 2020 recipient of the SPIE A.E. Conrady Award in Optical Engineering.



.: Mark Your Calendar

Date: Thursday, January 14, 2021

Time: 10:00 AM - 11:00 AM EST

Space is limited. Reserve your Webinar seat now at: <https://attendee.gotowebinar.com/register/3495499608992351503>

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

SYSTEM REQUIREMENTS

Operating System

Windows[®] 7 or later, Mac OS[®] X 10.9 or later, Linux[®], Google Chrome[™] OS
Android[™] OS 5 or later, iOS[®] 10 or later

Web Browser

Google Chrome[™] (most recent 2 versions)
Mozilla Firefox[®] (most recent 2 versions)

Mobile Devices

Android[™] 5 or later
iPhone[®] 4S or later
iPad[®] 2 or later
Windows Phone[®] 8+, Windows[®] 8RT+

.: More from Photonics Media

Upcoming Webinars

- [Seeing the Sound: Optical Neural Interfaces for In Vivo Neuromodulation](#), 1/6/2021 1:00:00 PM EST
- [PSC Lasers: Advancements in High-Power Semiconductor Lasers](#), 1/19/2021 EST
- [PSC Lasers: Three Use Cases Illustrate the Value of Laser Processing in Semiconductor Manufacturing](#), 1/19/2021 EST

Archived Webinars

- [Optical Tools for Analyzing and Repairing Complex Biological Systems](#)
- [Endoscopic Optical Coherence Tomography](#)
- [Good, Better, Best: Pushing the Limit in Optical Spectroscopy](#)

Don't miss out!

Sign up for our Webinar Alerts email today and never miss an upcoming event.

We respect your time and privacy. You are receiving this email because you are a Photonics Spectra magazine subscriber. You may use the links below to manage your subscriptions or contact us.

Questions: info@photonics.com

[Unsubscribe](#) | [Subscribe](#) | [Subscriptions](#) | [Privacy Policy](#) | [Terms and Conditions of Use](#)

Photonics Media, 100 West St., PO Box 4949, Pittsfield, MA 01202-4949
© 1996 - 2020 Laurin Publishing. All rights reserved. Photonics.com is Registered with the U.S. Patent & Trademark Office.
Reproduction in whole or in part without permission is prohibited.