



Photonics Spectra Conference 2021



Start 2021 With Valuable Knowledge from Photonics Industry Leaders

For companies wishing to stay competitive in 2021, it is more critical than ever to stay up to date on the latest advances and emerging applications for photonic technologies. Join your colleagues online, Jan. 19-22, for *Photonics Spectra's* inaugural conference. Choose from over 70 webinars discussing the latest trends, technologies, and applications under four tracks - Lasers, Optics, Spectroscopy, and Biomedical Imaging. And be sure to visit the [Supplier Showroom](#) where companies can promote products and services like the ones below. Register for FREE today!

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Featured Exhibitors

Testing IR Optics

From: **TRIOPTICS GmbH**

In the manufacturing process of IR optical systems, the nontransparency of the lens materials in the visible spectral range (VIS) leads to special requirements on the assembly and test equipment. In this contribution, we present solutions how to make this process most efficient by using adequate techniques for centration-based alignment testing, IR MTF analysis, and noncontact determination of center thicknesses and air spacings.



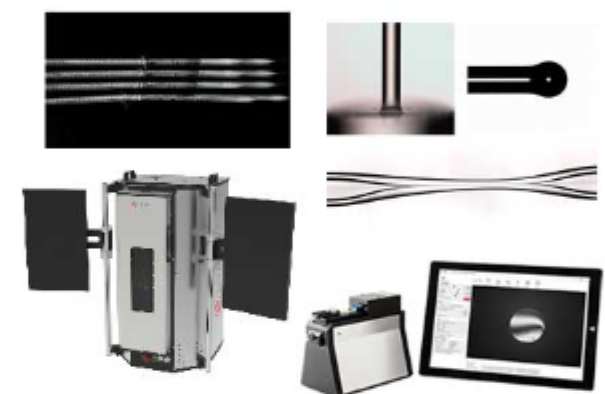
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Glass Processing and Automation

From: **NYFORS Teknologi AB**

The NYFORS SMARTSPLICER is a CO₂ laser glass processing system designed for the production of high-power and sensitive photonics components. It offers contamination-free splicing and tapering, bundling, and many other glass shaping processes. NYFORS provides automated high precision solutions for fiber preparation such as stripping, cleaving, recoating, cleave quality inspection, proof testing, and analyzing. We also offer custom work cell automation solutions for quality splicing and preparation tasks.



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Norland Optical Adhesive 1622H

From: **Norland Products Inc.**

Soft and rubbery UV/heat cure optical adhesive with a refractive index of 1.622.



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Color According to Human Vision

From: **Radiant Vision Systems, Test & Measurement**

Evaluate light and color the way it is seen by your users. ProMetric® Imaging Colorimeters apply tristimulus optical filters for color measurement, giving them an innate spectral sensitivity that matches CIE standard color-matching functions and scientifically replicates the human eye's response to light. A single system can be used to measure displays, backlit components, and lights for quality control according to the human visual experience, with objective, quantifiable values.



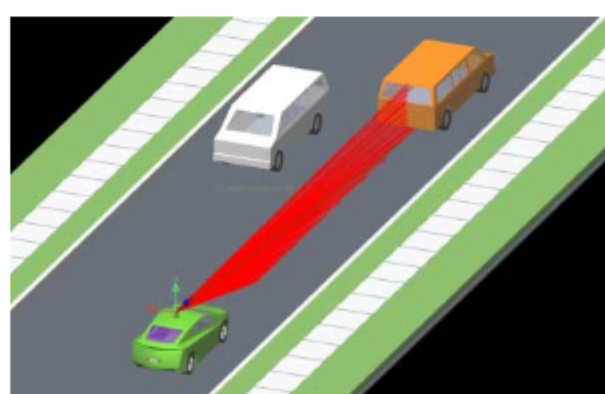
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LightTools Optical Design Software

From: **Synopsys Inc., Optical Solutions Group**

Synopsys' LightTools® software v9.1 enhances its comprehensive workflows for illumination optics design. Features include improved optomechanical interoperability with SOLIDWORKS, new tools for modeling LIDAR, AR/VR, and biomedical systems, and a Distributed Simulation Module that speeds computation-intensive ray tracing.



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20th Wave f/0.56 Tsphere

From: **Kreischer Optics Ltd.**

Kreischer Optics has added a newly designed and market tested 20th wave f/0.56 Tsphere to its already extensive line of transmission spheres. Kreischer's extended range Tspheres offer better flexibility to your interferometers at quality levels of 10th, 20th, and now 40th wave. The engineering team at Kreischer also offers special wavelength units at the customer's request. Visit us at <http://www.Kreischer.com>.



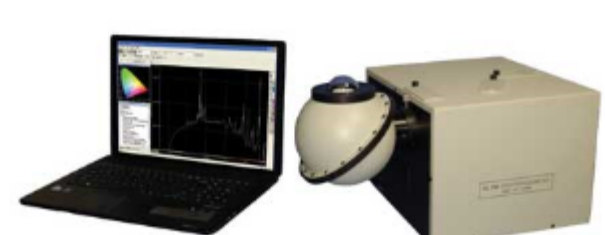
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OL 756 UV-VIS Spectroradiometer

From: **Optronic Laboratories Inc.**

The OL 756 assures users that their horticultural lighting and grow systems are performing as needed for a healthy crop and bountiful production. It provides fast, accurate, automated spectral measurements over the 200 - 800 nm wavelength range. The superior optical design utilizes concave holographic gratings with peak efficiencies at 300 nm. A high-precision motion control system provides exceptional scanning speed, accuracy, and resolution. Contact us for a quote today!



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