



## WEBINARS

Join us for a **FREE Webinar**

# Fused Silica Step Index Fibers: Advanced Preform and Fiber Metrology

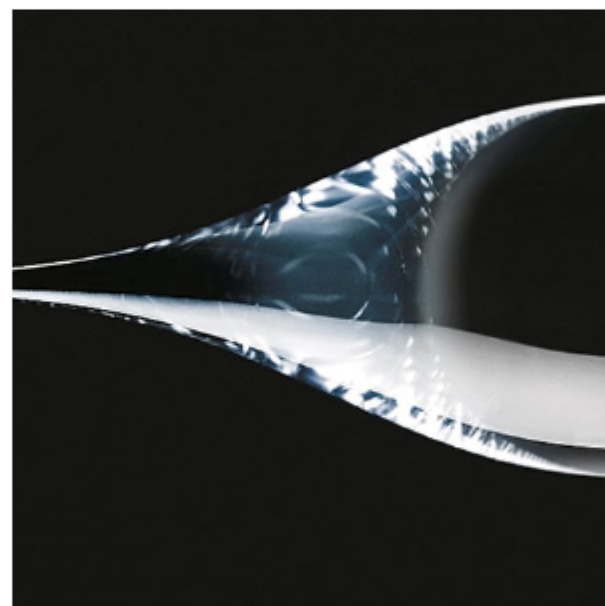
**Tuesday, December 10, 2024 10:00 AM - 11:00 AM EST**

[Register Now](#)

Presented by

**Heraeus**  
Conamic

This webinar discusses advanced preform and fiber measurement techniques for specialty fibers, with a particular focus on fibers produced using the POD (plasma outside deposition) process. In this process, fluorine-doped fused silica is applied to the outside of a high-purity core rod made of synthetic quartz glass to produce the refractive index step required for light guiding. Depending on the specific application wavelengths of these specialty fibers, various synthetic fused silica materials are available as core materials, which enable the production of specialty fiber preforms tailored to the application. The session begins with a brief introduction to the manufacturing process and typical applications of specialty fibers, followed by an in-depth examination of the characterization of the preforms and the resulting fibers. Presented by Heraeus Conamic.



## Upcoming Webinars

- [Design Considerations for Automated Manufacturing of Optical Assemblies](#), 12/11/2024 1:00:00 PM EST

## Archived Webinars

- [Multiplex Imaging: Camera, Lights, Optics, Action!](#)
- [FLIM Analysis Enhanced with Phasor Plotting aids Quantitative Biology](#)
- [Lighting up the Brain: From Qualitative to Quantitative Methods to Guide Brain Tumor Surgery](#)

## 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](mailto: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 - 2024 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.



LAURIN PUBLISHING

PHOTONICS) MEDIA