Photonics Webinars

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Fused Silica Tubes for Optical Fiber Manufacturing: Fiber Performance Sensitivity on Purity and Tube Geometry
Wednesday, June 14, 2023 1:00 PM - 2:00 PM EDT
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About This Webinar
Heraeus Conamic

Optical fibers used in fiber lasers have many applications, such as communication, imaging, sensing, and medicine. They are sensitive to trace levels of impurities in the manufacturing process – we will share our insights on these applications.

Peter Bauer of Heraeus Conamic, property manager for the manufacturing processes for fused silica tubes and fibers, will discuss the importance of maximizing the purity of the materials and processes throughout the manufacturing process. He will highlight how trace levels of impurities can affect the output quality and how to prevent this from happening. He will provide examples and share the things that lead to contamination and how to avoid it. He will also cover the impact of tube geometry on the optical properties of fibers.

About Heraeus Conamic
Heraeus Conamic is a part of Heraeus, one of the world's largest technology companies. Heraeus provides materials and services to customers in a diverse set of industries, including electronics, healthcare, and industrial applications. Heraeus Conamic is a global business unit of the Heraeus Group and offers a wide range of specialty glass products. They are committed to delivering high-quality materials and services to meet the needs of our customers.

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