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Synthetic Sapphire: Properties, Use and Selection

Thursday, April 26, 2018 1:00 PM - 2:00 PM EDT

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Presented by



About This Webinar

Sapphire, the hardest natural substance next to diamond, is significantly stronger than many other optical materials. Synthetically grown sapphire is even higher in purity and clarity than its natural counterpart.

In this webinar you will learn all about this extraordinary material and the range of applications for which it is an appropriate, and in some cases a superior, choice. The webinar will explore the differences between sapphire and glass and offer practical advice on how to select the type of synthetic sapphire that is right for your application.

Topics to be covered include:

- Sapphire properties
- Applications
- Grades
- Manufacturing techniques
- Special considerations

About the presenter:

Michelle deCastro is the national sales manager for IRD Glass. She received a master of science degree in glass science from Alfred University and a bachelor of science degree in optical engineering from the University of Rochester. She also received a bachelor of arts degree in Japanese Studies from the University of Rochester. Before joining IRD Glass, deCastro held positions at SCHOTT as a sales manager and as an applications engineer.

Who should attend:

Materials scientists, optical engineers and all others involved in optics design, development and manufacturing. Synthetic sapphire applications are used in many industries, including defense, aerospace and medical manufacturing, and for numerous applications, including sensors and in process control.

About IRD Glass:

For more than three decades, IRD Glass has partnered with leading industries across the globe to provide custom glass and ceramic components for precision optics manufacturers. The company's cell-based manufacturing approach ensures that each customer is provided with a dedicated staff, dedicated equipment and dedicated floor space at the company's manufacturing facility.



Mark Your Calendar

Date: Thursday, April 26, 2018

Time: 1:00 PM - 2:00 PM EDT

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