

# PHOTONICS spectra®

## WEBINARS

Join us for a **FREE Webinar**

## Design and Optimization of Optical Waveguides

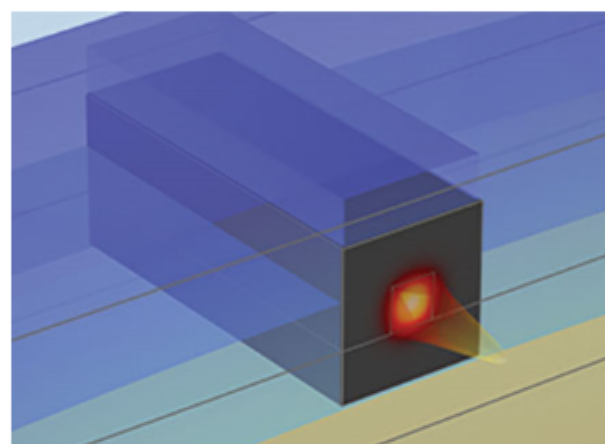
Thursday, November 30, 2023 2:00 PM - 3:00 PM EST

[Register Now](#)

Presented by



Optical waveguides are important building blocks for many optical devices and systems. Well-known applications range from basic optical fibers to more complex multiphysical components, such as integrated optical modulators and semiconductor optoelectronic devices for telecommunication. Moreover, waveguide devices are widely used for optical sensing and high-quality fiber laser light sources. This webinar shares about modeling optical waveguides using the Wave Optics Module, an add-on to COMSOL Multiphysics®. It covers topics such as the construction of complex waveguide structures using basic waveguide parts, the analysis of mode fields and propagation constants, and the modeling of wave propagation along optical waveguides. A representative from COMSOL introduces multiphysics couplings and shows optimization strategies while also sharing how to build and maintain custom simulation apps based on specific models, for use by colleagues or customers. Presented by [COMSOL](#).



## Upcoming Webinars

- [The Etendue Mystery Revealed](#), 11/28/2023 10:00:00 AM EST
- [Quantum Efficiency Measurements: Fundamentals for Solar Cell Research, Part 1](#), 12/5/2023 1:00:00 PM EST

## Archived Webinars

- [Next-Generation Instrumentation for Optical Control and Characterization](#)
- [Mastering Diffraction Gratings: Selection and Integration Techniques for Analytical Instrumentation](#)
- [Lock-in Amplifier or Boxcar Averager? Choosing the Right Measurement Tool for Periodic Signals](#)

## 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 - 2023 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.