Wednesday, November 9, 2022

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WEBINARS

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Ray Optics Simulations

Wednesday, November 16, 2022 2:00 PM - 3:00 PM EST

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Presented by

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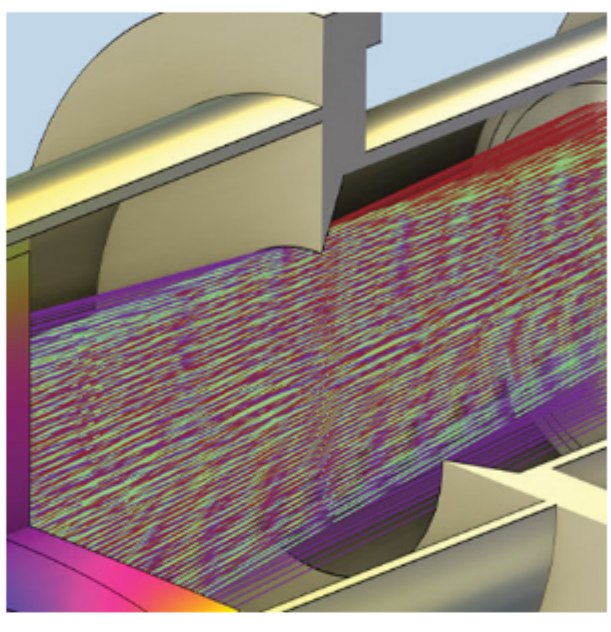
.: About This Webinar



Learn about optical ray tracing using the COMSOL Multiphysics® software and watch a live demo of the software. The demo shows how to create a fully parameterized geometry of a typical lens system, trace rays through the system, and post-process the results. This webinar also discusses more specialized ray features, such as the analysis of ray intensity and polarization. Finally, hear how the Ray Optics Module, an add-on product to COMSOL Multiphysics® , can be combined with structural and thermal simulation for highly accurate structural-thermal-optical performance (STOP) analysis.
At the end of the webinar there will be an opportunity for questions.

Who should attend:
Engineers and researchers who:

- Design or use devices such as laser focusing systems, spectrometers, cameras, and telescopes.
- Manipulate light with prisms, lenses, beamsplitters, or gratings.
- Design devices to redirect and focus solar radiation.
- Must consider thermal or structural phenomena and their effects on optical performance.

About the presenter:
Ping Chu, Ph.D., is senior applications engineer at COMSOL. She specializes in electromagnetics and optics. Prior to joining COMSOL in 2012, Ping received her doctorate in condensed matter physics from the University of California, Irvine, where she investigated the plasmonic and ferromagnetic properties of metallic nanostructures.

About COMSOL:
COMSOL is a global provider of simulation software for product design, engineering, and research in technical enterprises, labs, and universities. The COMSOL Multiphysics® software is an integrated environment for creating physics-based models and simulation applications. Simulation experts use the COMSOL Server™ and COMSOL Compiler™ to deploy applications to customers and design teams worldwide.

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.: Mark Your Calendar

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