



WEBINARS

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Simulating Lens Systems with the Beam Envelope Method

Thursday, September 3, 2020 2:00 PM - 3:00 PM EDT

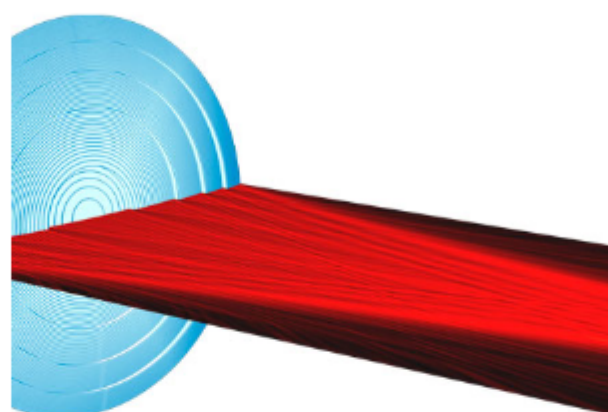
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Presented by



.: About This Webinar

Simulating a lens system by solving the Maxwell equations can be a complex task. The Beam Envelope interface of COMSOL Multiphysics® makes it possible and easier to perform the simulation. In this webinar, you will learn how to simulate a lens system with COMSOL Multiphysics®, including how to set up an antireflective coating surface and how to mesh the model. The presentation will also show how to analyze a multicomponent system. You can ask questions throughout the webinar or at the end during the Q&A session.



Attendees will learn how to:

- Simulate a lens system with the full-wave method.
- Set up an AR coating.
- Simulate a multicomponents system with the full-wave method.

Pictured: Fresnel lens simulation. Courtesy of COMSOL.

Who should attend:

- Laser engineers.
- Optical design engineers.
- AR/VR researchers.

About the presenter:

Yosuke Mizuyama, Ph.D., is an applications engineer at COMSOL. He has 23 years of experience in design, development, and production for consumer electronics. He joined COMSOL in 2015, responsible for developing photonics- and laser-related applications. He received his Ph.D. in applied mathematics from Kyushu University, Japan.

About COMSOL:

COMSOL is a global provider of software solutions for multiphysics modeling. Its COMSOL Multiphysics® product is an integrated software environment for creating physics-based models and simulation apps. Add-on products expand the simulation platform for electrical, mechanical, fluid flow, and chemical applications. Interfacing tools enable the integration of COMSOL Multiphysics® simulations with all major technical computing and CAD tools on the CAE market. Simulation experts rely on the COMSOL Server product to deploy apps to their design teams, manufacturing departments, test laboratories, and customers throughout the world.

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.: Mark Your Calendar

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