Thursday, October 12, 2017

WEBINARS

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3D Electromagnetic Simulation of Photonic Devices

Wednesday, October 18, 2017 12:00 PM - 1:00 PM EDT

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Presented by

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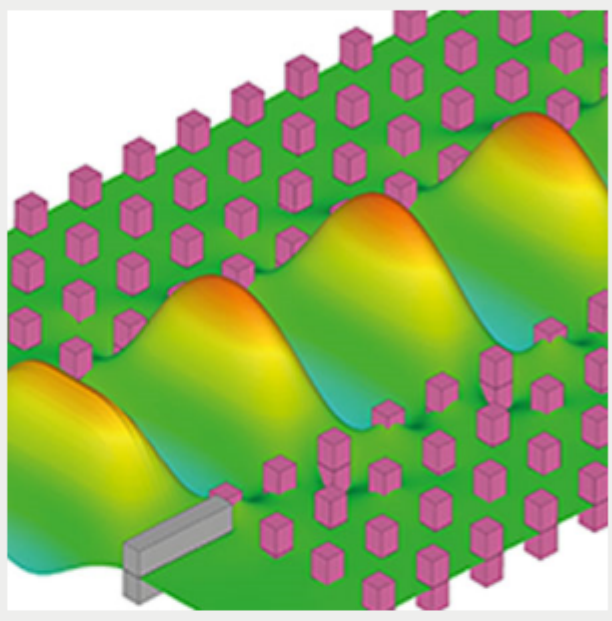
About This Webinar



This webinar will discuss electromagnetic (EM) simulation workflows for photonics and show how modeling can provide useful insights into the design and optimization of photonic and optical devices. It will present CST STUDIO SUITE for photonics simulations. It will also discuss the simulation of multiphysics effects such as heating and losses due to thermal heating.

Photonic devices play a key role in today's technology and are used for a wide range of applications such as sensing, communication and computing. Numerical simulations aid in design and optimization of these devices and structures and can provide a way to analyze any 'what if' scenarios even before the device is fabricated. Simulating such devices helps in optimizing their efficiency and in reducing design and development costs. Three-dimensional electromagnetic field simulations are a crucial aspect of optical and photonics design.

Who should attend: Optical engineers, designers, technicians, researchers, scientists, managers and others involved in optics for communications, semiconductors and fundamental research.

About the presenter:
Apra Pandey obtained her Ph.D. in Electrical Engineering from the State University of New York at Buffalo. During her graduate studies she focused on propagation of light in linear and nonlinear metamaterials. Pandey joined CST in 2013 and currently works as senior application engineer. Prior to joining CST, she worked at Intel Corporation at the Photonics Technology Lab.

This webinar is presented by CST, a market leader in providing 3D EM field simulation tools through a global network of sales and support staff and representatives. CST's solutions are used globally by market leaders in a diverse range of industries, including aerospace, automotive, defense, electronics, healthcare and telecommunications. CST is part of SIMULIA, a Dassault Systemes brand.

Mark Your Calendar

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Mac® -based attendees
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