Wednesday, September 19, 2018

WEBINARS

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Green Light on Lidar: Developing Low-Cost Systems for Autonomous Vehicles

Wednesday, October 03, 2018 1:00 PM - 2:00 PM EDT

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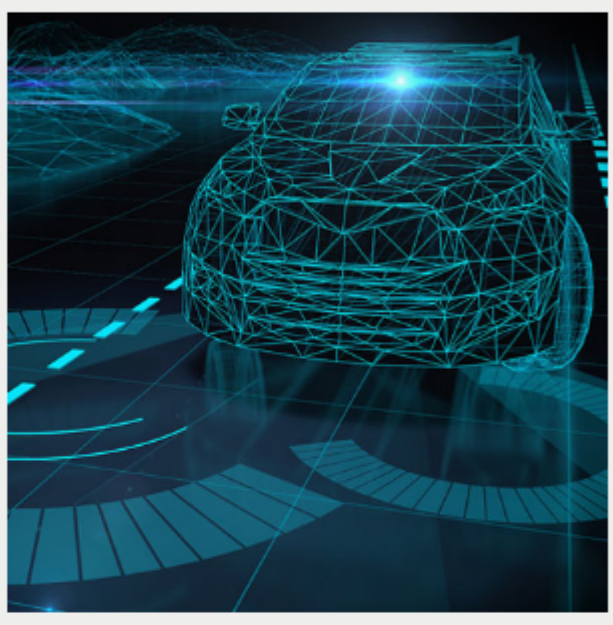
Presented by

Zemax

About This Webinar



For driverless cars to see mainstream adoption, engineers must solve critical lidar design challenges — including improving the detection range and field of view, ensuring adaptability to environmental factors, and ensuring safety. Today, engineering teams are debating the best design choices, with no clear winner. Who will win the race toward effective lidar manufactured at a low cost?

This webinar will identify the factors critical in accelerating the development of lidar. We will discuss the need for teams to be able to:

- Quickly try out and identify new solutions.
- Incorporate manufacturing and assembly limits into design constraints to ensure manufacturability and production efficiency.
- Simulate the impact of mechanical designs on optical performance.

With tools that provide these abilities, teams can reduce development time and lower costs to win the race for autonomous vehicle market share.

About the presenter:
Tasked with strategic planning and technical development of all Zemax software solutions, Sanjay Gangadhara, director of research & development, leads a cross-functional team of engineers, physicists, and software developers. His background in general physics, electromagnetism, and optical systems diagnostics has served him well in his various roles at Zemax, including optical scientist, senior analyst, developer, and now director of R&D. Gangadhara holds a B.S. in chemical engineering & nuclear engineering from the University of California, Berkeley and a Ph.D. in nuclear science & engineering from the Massachusetts Institute of Technology.

Who should attend:
This webinar will be applicable to any optical or mechanical engineer or engineering manager developing optical products, not just those developing lidar.

About Zemax:
Zemax software helps companies get to a qualified design more quickly by streamlining the workflow and communication between optical and mechanical engineers. Zemax Virtual Prototyping tools include OpticStudio, industry-leading optical design software, and LensMechanix, a leading application for mechanical engineers to package optical systems in CAD software.

Mark Your Calendar

Date: Wednesday, October 03, 2018

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

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