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OCT and Ophthalmology in the Age of Artificial Intelligence

Tuesday, October 8, 2019 1:00 PM - 2:00 PM EDT

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About This Webinar

This webinar will provide an executive overview for leaders in imaging and ophthalmology on how artificial intelligence (AI) is transforming the field of medical imaging. Presenter Nishant Mohan will provide a hands-on demonstration of how to develop a deep-learning AI system from scratch, giving attendees critical insight into how to use this powerful tool.

Separating the hype from reality, Mohan will discuss essential concepts behind the revolutionizing power of AI. In addition, he will present critical factors in the ecosystem that is driving AI technology and major AI platforms. He will provide specific examples of the application of AI in optical coherence tomography (OCT) imaging and show how the combination of these two techniques promises to have a significant impact on our understanding and treatment of ophthalmic disorders — and how this could hold important lessons for similar applications.

About the presenter:

Nishant Mohan, Ph.D., is the vice president of the OCT Division at Wasatch Photonics. For more than a decade, he has actively participated in the development and commercialization of medical devices and digital imaging technologies. Mohan also serves on standing committees of SPIE, the international society for optics and photonics, and is a judge for the annual Prism Awards for innovation in optics, sponsored by SPIE and Photonics Media. Prior to joining Wasatch Photonics, Mohan was part of the research and development team of Bausch + Lomb Inc. in Rochester, N.Y., and a research fellow at Harvard Medical School. He received his doctorate in biomedical engineering at Boston University and his bachelor's degree in electronics and communication engineering at Indian Institute of Technology (IIT) Guwahati.

Who should attend:

Executives, managers, engineers, researchers, clinicians, and technicians specializing in AI and/or medical imaging; educators; and anyone who is interested in learning more about the application of AI in ophthalmology and other areas of medical imaging will learn and benefit from this presentation.



Mark Your Calendar

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