

Webinar

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FREE WEBINAR

Laser-Based Machine Vision: Lidar and 3-D Scanning

Join us for a Webinar on Wednesday, February 25, 2015

Laser scanning technology has been around for several decades but with little innovative technology advancement. A new scanning technology platform based on a state-of-the-art MEMS projection engine, fiber-coupled laser and supporting software introduces several key innovative technical advantages over conventional laser scanning platform and supports smarter 3-D scanning solutions. This presentation will provide basic introduction and overview of this new scanning technology platform.

Song Chung is chief technology officer at Perceptron. He has a master's degree in engineering management from the Rensselaer Polytechnic Institute and a bachelor's degree in electrical engineering from the Georgia Institute of Technology.

Shyam P. Keshavmurthy is chief engineer at Perceptron. He has a bachelor's degree in mechanical engineering from the University of Mysore, a doctorate in nuclear and radiological engineering from the University of Florida and completed a postdoctoral fellowship in medical imaging in the Department of Radiology at the University of Michigan, Ann Arbor. He has published 12 peer-reviewed articles in imaging science and detection, and has eight patents in surface inspection, 3-D measurement and rapid prototyping.

Lidar has become an increasingly useful tool in mapping and surveying applications over the past decade. Many perceived limitations of lidar have recently been overcome with a combination of hardware and software technologies originally developed for space applications and recently further evolved for terrestrial applications. Specifically, advances in measurement range, durability and obscurant penetration have been applied to a new lidar product for harsh environments where visibility is often obscured by dust, fog or rain.

Michael Dunbar is director of business development for Neptec Technologies. A veteran of several successful startups in the sensors market, he leads Neptec's business development activities relating to the new Opal lidars and associated 3DRI software tools. A graduate of the College of Engineering at the University of California, Berkeley, he has been a frequent speaker and author of technology and application subjects relating to physical and optical sensors.

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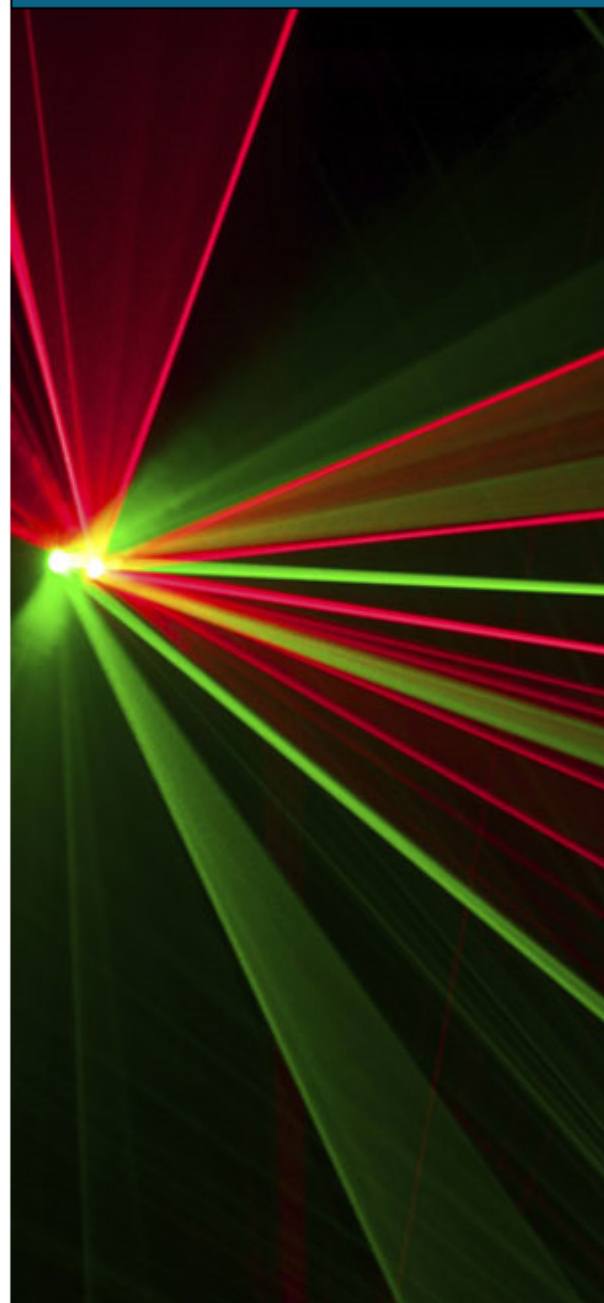
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