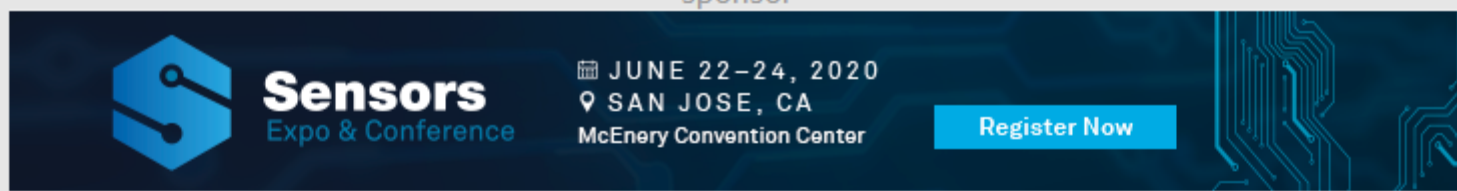


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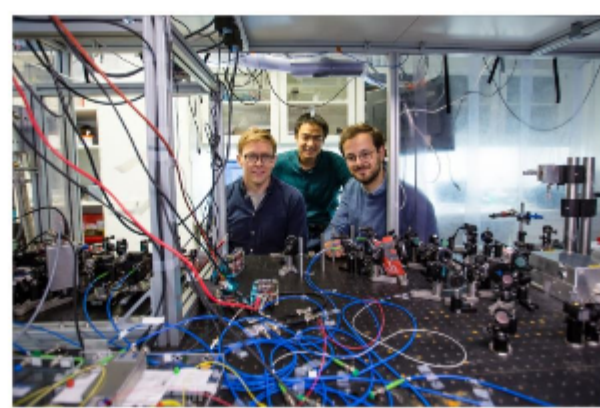
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Researchers Demonstrate Microwave-Optical Entanglement via Mechanical Interface

Using lasers, researchers at the Niels Bohr Institute at the University of Copenhagen have developed a way to entangle electromagnetic fields from microwave radiation and optical beams.

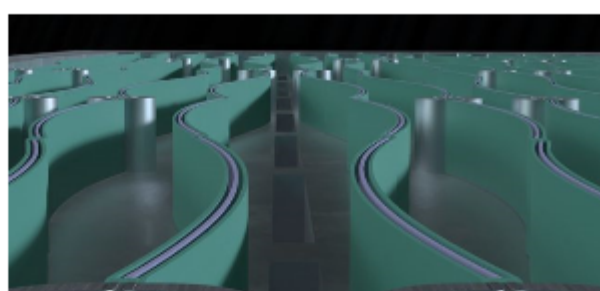
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Fraunhofer Spin-Off Develops Silicon Micro-Loudspeaker

The Fraunhofer IPMS spin-off company Arioso Systems GmbH has completed its first round of financing for its sound transducer principle for miniaturized headphones. Known as hearables, the micro-loudspeaker technology is based on the patented Nanoscopic Electrostatic Drive (NED) principle from Fraunhofer IPMS.

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NJIT Designers Fabricate Masks and Shields to Combat COVID-19

As medical supplies dwindle in the face of increasing numbers of COVID-19 cases, members of the New Jersey Institute of Technology (NJIT) community are designing and fabricating devices using lasers to bolster supply.

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The New Collar Workforce



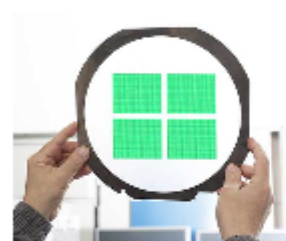
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U.S. manufacturing companies are expected to face a shortage of two million skilled workers by the year 2020, according to reports. As a result, manufacturers and educators are looking for real, actionable ideas to train

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Upcoming Webinars

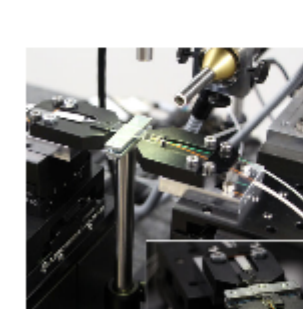


Getting Specific About Coating Specifications

Wed, Apr 15, 2020 1:00 PM - 2:00 PM EDT

In this webinar, the technical team at North American Coating Laboratories (NACL) will provide a basis for specifying, testing, and confirming that your coating needs are clearly stated on drawings and are clearly conveyed to your coating solutions provider. To achieve this, the NACL team asks that you let them know what challenges you have faced or are facing currently with regard to specifying and testing optical coatings and meeting your coating requirements. You can do this when you complete the registration process. The NACL team will review all responses and prepare a presentation that is customized to the concerns of the registrants.

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Positioning Equipment for Automated Fiber Optics Device Manufacturing: Practical Ways to Solve Challenging Problems

Wed, Apr 22, 2020 1:00 PM - 2:00 PM EDT

For fiber optics manufacturing, selecting and implementing the right positioning subsystem is critical for automated alignment, probing, and packaging equipment. This webinar, presented by Aerotech Inc., will explain how to optimize the performance of automated positioning systems in the most difficult fiber optics manufacturing processes. Attendees will learn how to achieve a positioning resolution that meets alignment tolerances, as well as how to achieve repeatability in high-volume manufacturing environments. Anyone using positioning equipment to solve fiber optics manufacturing challenges will benefit from attending.

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All Things Photonics

This week's episode of *All Things Photonics* features an interview with Dr. Adam Wax, an expert in early cancer detection, novel microscopy and interferometry techniques. Dr. Wax is a professor at Duke University in the department of Biomedical Engineering and founder and president of the company Lumedica.

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