ISIMM Workshop Attracts Potential Partners

KISSIMMEE, June 21, 2016 – A workshop to attract company partners for a $70 Million federal proposal is leading both industry and academia to sign up for an effort led by an institute of the International Consortium for Advanced Manufacturing Research.

The Institute for Sensor and Imager Materials and Manufacturing (ISIMM) proposes using transformational imager and sensor technology to drive the next-generation of U.S. manufacturing and innovation.

At a workshop held at the downtown Orlando office of the Gray-Robinson law firm last week, more than 40 prospective partners participated and presented strong ideas on direction the proposal could take.

One of the more timely suggestions came from Ron Driggers, president of St. John's Optical Systems, who gave a keynote speech on Transformational Imaging Needs for the Future.

Driggers noted during his presentation that the workshop's downtown setting was less than a mile from the mass shooting at the Pulse nightclub and spoke briefly on a type of sensor he has seen that can detect and verify gunfire and immediately notify first responders with critical information about the type of weapon fired and the exact time and location.

"In a situation like the one Orlando recently experienced every second and every piece of accurate information can help save lives," he said.

Teresa Pace, director of ISIMM, said the cross-cutting capabilities of sensor and imaging technologies put the proposal in a strong position for funding from the National Institute of Standards and Technology National Network for Manufacturing Innovation.

"We are working to design and build advanced imagers and sensors that can be used for a range of industrial specialty products and services," Pace said.

The goal of the federal project is to advance an area of U.S. advanced manufacturing national need, something sensors and imagers can touch in multiple ways, Pace said.

Workshop attendees include representatives from PhotonX, Lockheed Martin Corp., Siemens, Qorvo, Northrop Grumman, Aurora Semiconductor, NASA, Arogonne National Laboratory, the University of Central Florida and Arizona State University. (PLEASE CHECK – NOT SURE WHO ACTUALLY ATTENDED.)

The proposal will be submitted on July 22. Additional prospective partners can contact Pace at

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The International Consortium for Advanced Manufacturing Research (ICAMR) is an industry-led initiative focused on the novel materials that are needed to advance device performance and produce next-generation electronics on silicon wafers. It consists of companies and universities that are passionate about developing and exploiting the next generation of sensor capabilities and the physical facilities which enable the research and development to create those capabilities (a state-of-the-art microelectronics fabrication facility and a supporting design center). www.icamr.net