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AIM PHOTONICS WELCOMES INFINERA AS NEWEST MEMBER OF NATIONAL MANUFACTURING INSTITUTE CONTINUING STRATEGIC GROWTH AND MOMENTUM

Rochester, NY and Sunnyvale, Calif., – October 19, 2016 – AIM Photonics and Infinera, a market leading provider of [Intelligent Transport Networks](#), announced that Infinera has become the latest member of AIM Photonics, demonstrating the continued swell of support for the Rochester-based initiative. Infinera will play a key role within the institute, providing access to its industry leading Indium Phosphide (InP) photonics technology and establishing InP-based Foundry Wafer access for AIM.

“As we welcome Infinera as the newest partner of AIM Photonics, today's partnership exemplifies another necessary and exciting step forward in the progression of this important state initiative,” said New York State Photonics Board of Officers Chairman John Maggiore. “In New York, state funding is moving ahead on schedule as is the competitive process to identify a TAP facility. The reasons AIM Photonics and New York were chosen by the Department of Defense one year ago to lead the country’s advanced research endeavors in integrated photonics are the same then as they are now. Only New York has the skill, industry partnerships, and expertise to manage and execute such a large and important project.”

“Photonic integration has revolutionized the optical networking industry and Infinera has led the way starting with delivering the industry's first large-scale photonic integrated circuit, which started to ship in networking systems in 2005,” said Fred Kish, Infinera Senior Vice President of Development and Engineering. “We are happy to be working with AIM and SUNY Polytechnic Institute as a Tier 1 industry member. Through our focus on innovation, Infinera continues to advance integrated photonics to enable service providers and data center operators to deploy networks consuming less power and space while offering the capacity required to transport data over long distances. We are honored to join AIM in developing and designing the high performance tools the nation requires to remain competitive.”

“Infinera is a tremendous addition to the photonics institute and another powerful ally in our state’s and our nation’s leadership in delivering a true technological revolution,” said Robert Duffy, Chairman of the AIM Photonics Leadership Council. “I extend my thanks to Infinera for committing its support and expertise to AIM Photonics.”

AIM Photonics is building a membership that includes some of the country's most innovative technology companies that each provide critical elements to the success of the institute. Infinera leads the industry in photonic integration with large-scale photonic integrated circuits (PICs) and packet-optical convergence, which both reduce space and power requirements while simplifying network operations. The PIC combines hundreds of discrete optical functions on a single microchip, drastically improving density, power consumption, heat dissipation and reliability.

"Our partnership with Infinera dramatically expands our access to cutting-edge photonics technologies that are crucial to the success of the institute. It also adds more photonics industry star-power to our team," said Michael Liehr, CEO of AIM Photonics and Executive Vice President of Innovation and Technology for SUNY Polytechnic Institute. "Infinera is a leader in photonics innovation and the ability to tap into its resources, as well as those of our other nationwide members, further increases the already significant potential of this Rochester-based initiative."

"Today's announcement with Infinera sends a strong message that the commitment to the success of AIM Photonics, a critically important national research consortium led by SUNY Polytechnic Institute in partnership with the state, is unwavering," said SUNY Provost, Executive Vice Chancellor and SUNY Poly Officer-in-Charge Dr. Alex Cartwright. "AIM continues to maintain independent and robust oversight through multiple boards and the federal government. All partners, from academia to government to industry, are working in unison to ensure AIM's mission and potential are achieved."

AIM's Integrated Photonics Institute is designed to establish a technology, business and education framework for industry, government and academia to accelerate the transition of integrated photonics solutions from technology prototypes to manufacturing-ready deployment in systems spanning multiple commercial and defense applications. Each AIM Photonics partner brings unique know-how to address an end-to-end solution to the photonics ecosystem. Infinera brings unique differentiation because of its expertise in development of the most complex commercially available photonic integrated circuits.

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AIM Photonics. The American Institute for Manufacturing Integrated Photonics (AIM Photonics), is an industry driven public-private partnership that focuses the nation's premiere capabilities and expertise to capture critical global manufacturing leadership in a technology that is both essential to National security and positioned to provide a compelling return-on-investment to the U.S. economy. The Institute's goal is to emulate the dramatic successes experienced by the electronics industry over the past 40 years and transition key lessons, processes, and approaches to the photonic integrated circuit (PIC) industry. AIM Photonics supports Small and Medium Enterprises, providing practical access and technology on-ramps for U.S. industry, government, and academic communities. We are creating a National PIC manufacturing infrastructure, widely accessible and inherently flexible to meet the challenges of the marketplace with practical, innovative solutions.

Infinera. Infinera provides Intelligent Transport Networks enabling carriers, cloud operators, governments and enterprises to scale network bandwidth, accelerate service innovation and simplify optical network operations. Infinera's end-to-end packet-optical portfolio is designed for long-haul, subsea, data center interconnect and metro applications. Infinera's unique large scale photonic

integrated circuits enable innovative optical networking solutions for the most demanding networks. To learn more about Infinera visit www.infinera.com, follow us on Twitter @Infinera and read our latest blog posts at blog.infinera.com.

SUNY Polytechnic Institute. SUNY Poly is New York's globally recognized, high-tech educational ecosystem, formed from the merger of the SUNY College of Nanoscale Science and Engineering and SUNY Institute of Technology. SUNY Poly offers undergraduate and graduate degrees in the emerging disciplines of nanoscience and nanoengineering, as well as cutting-edge nanobioscience and nanoeconomics programs at its Albany location and undergraduate and graduate degrees in technology, including engineering, cybersecurity, computer science, and the engineering technologies; professional studies, including business, communication, and nursing; and arts and sciences, including natural sciences, mathematics, humanities, and social sciences at its Utica/Rome location. Thriving athletic, recreational, and cultural programs, events, and activities complement the campus experience. As the world's most advanced, university-driven research enterprise, SUNY Poly boasts more than \$43 billion in high-tech investments and over 300 corporate partners. For information visit www.sunycnse.com and www.sunypoly.edu.