Advanced Photonix, Inc. Joins 100G Consortium

ANN ARBOR, Mich., April 8, 2009 /PRNewswire-FirstCall via COMTEX News Network/ -- Advanced Photonix, Inc.(R) (NYSE Amex: API) through its subsidiary, Picometrix, LLC, today announced that it is a supporting member of the Georgia Institute of Technology 100G Optical Networking Consortium. In total, more than $2.2 million in support has been designated for this facility by the consortium's founding research members: ADVA Optical Networking, Ciena, OFS, and Verizon - and by supporting members Avanex, IBM, Narda Microwave East, Nistica, Picometrix, and RSoft Design Group.

The consortium will conduct research including 100G fundamental transmission studies and component assessments for high-speed network infrastructure. The facility will utilize industry personnel's complementary capabilities to support the facility and to conduct the research. A variety of network architectures will be studied in support of the upcoming IEEE 100G standards.

API, through its subsidiary, Picometrix, is a recognized leader in state-of-the-art 40G high-speed optical receivers and this announcement demonstrates the Company's commitment to maintaining and expanding its industry leadership by advancing the technology.

One major benefit of the consortium includes having industry leaders working together to support standards that may be implementable over the existing fiber infrastructure, leading to faster deployment of the new technology.

"This consortium is an excellent example of the industry and university collaboration necessary to develop and test the next generation component technologies that will enable 100G optical transport on both the line side and client side," stated Robin Risser, president and general manager of Picometrix. "Close collaboration with consortium members will help accelerate our development and deployment of advanced 100G optical receivers."

"Being a member of this consortium is just one of the many ways we are establishing our leadership role in 100G adoption. We are also a principle member of the Optical Internetworking Forum (OIF), which promotes the development and deployment of interoperable networking solutions and services and provides feedback to worldwide standards organizations," commented Richard (Rick) Kurtz, CEO of API. "We are utilizing our existing customers, strategic standards involvement and a successful OFC/NFOEC conference to provide the right products at the right time for the 100G market."

About the Georgia Institute of Technology

The Georgia Institute of Technology is one of the nation's top research universities, distinguished by its commitment to improving the human condition through advanced science and technology. Georgia Tech's campus occupies 400 acres in the heart of the city of Atlanta, where more than 19,000 undergraduate and graduate students receive a focused, technologically based education.

About Advanced Photonix, Inc.

Advanced Photonix, Inc.(R) (NYSE Amex: API) is a leading supplier of optoelectronic semiconductor components and subsystems and terahertz instrumentation to a global OEM customer base. Products include patented silicon (Si) and indium gallium arsenide (InGaAs) based APD, PIN, and FILTRODE(R) photodetectors; high-speed optical receivers; and the T-Ray 4000(TM) terahertz product platform. More information on Advanced Photonix can be found at http://www.advancedphotonix.com.

The information contained herein includes forward looking statements that are based on assumptions that management believes to be reasonable but are subject to inherent uncertainties and risks including, but not limited to, unforeseen technological obstacles which may prevent or slow the development and/or manufacture of new products; potential problems with the integration of the acquired company and its technology and possible inability to achieve expected synergies; obstacles to successfully combining product offerings and lack of customer acceptance of such offerings; limited (or slower than anticipated) customer acceptance of new products which have been and are being developed by the Company; and a decline in the general demand for optoelectronic products.

Contact:
Richard Kurtz, Advanced Photonix, Inc. (734) 864-5600
Cameron Donahue, Hayden IR (651) 653-1854

SOURCE Advanced Photonix, Inc.

http://www.advancedphotonix.com