



Pico Computing to Show Genomics Acceleration at Plant and Animal Genome Conference

Modular FPGA platforms enable high-performance, hardware-accelerated sequence analysis

San Diego, CA – January 5, 2010 – Pico Computing today announced that it will be showing its latest FPGA acceleration platforms at the Plant and Animal Genome XVIII Conference. The conference is being held on January 9-13, 2010 at the Town and Country Convention Center in San Diego, CA.

“Pico’s scalable FPGA platforms speed the development and deployment of complex bioinformatics algorithms,” said Mark Hur, Director of Sales and Marketing at Pico Computing. “Our customers are able to optimize and debug their core algorithms using a single, modestly-sized FPGA device, then scale to multiple FPGAs to achieve the desired levels of performance.”

Pico Computing FPGA-based platforms have been shown to provide greater than 5000X acceleration of bioinformatics algorithms, when compared to running those same algorithms in software-only implementations. Available Pico Computing solutions range from compact, laptop-compatible cards for algorithm development, to large clusters containing as many as 176 high-capacity FPGA devices in a single 4U server chassis. Software and firmware development tools are available, including a C-to-FPGA compiler produced by Impulse Accelerated Technologies.

Pico Computing will demonstrate FPGA-accelerated bioinformatics algorithms at the Plant and Animal Genome Conference exhibit area on January 10-12, booth #426.

About Pico Computing

Pico Computing, headquartered in Seattle, Washington, specializes in highly integrated development and deployment platforms based on Field Programmable Gate Array (FPGA) technologies. Applications for Pico Computing technologies include bioinformatics, cryptography, networking, signal processing, and scientific computing. Pico Computing products are used in embedded systems as well as in military, national security and high performance computing applications. <http://www.picocomputing.com>

About the Plant and Animal Genome Conference

The Plant and Animal Genome Conference brings together the leading genetic scientists and researchers involved in plant and animal research and related areas. With over 50 countries represented, the Plant and Animal Genome Conference provides an established forum for the exchange of information internationally as well as domestically. <http://www.intl-pag.org/>

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