



For Immediate Release:

EM Photonics Unveils New CUDA Training Classes

Instructor-Led, Hands-on GPU Training Program Helps Participants Maximize the Power of the NVIDIA CUDA Platform for General Purpose Computing.

Newark, Delaware — April 27nd, 2010— EM Photonics, Inc., the developer of the GPU-accelerated linear algebra library CULA, announced today the immediate availability of its new CUDA Training Program. With hands-on experience and real-world examples, the multiday customizable training is ideal for anyone interested in learning the essentials of programming on the NVIDIA CUDA platform as well as advanced optimization techniques. The modular structure offers participants the ability to tailor their training sessions for their specific applications and skill level. The on-site training class allows customers to use their own tools to learn in an environment they are comfortable in and the ability to discuss their needs privately.

“EM Photonics’ extensive CUDA experience really gave us a kick-start into understanding the CUDA programming paradigm and how to apply this to accelerating real-time signal processing applications. The training material was well prepared and backed up by a very enthusiastic and knowledgeable trainer. I highly recommend for those needing to get rapidly up to speed with CUDA and GPGPU programming,” said David Tetley, Software Engineer Manager at GE Intelligent Platforms.

“It was an excellent course on GPU computing and CUDA,” said Dr. C.J. Reddy, President and CTO at Applied EM. “We very much appreciate the level of expertise shared by the EM Photonics engineers and are happy that we spent the time so productively,” he added.

“The feedback we have received so far on our GPU training sessions is overwhelmingly positive. There is a large demand in the market today for CUDA training classes that address specific applications from image and signal processing to computational analysis on platforms from field-deployed systems to workstations and large high-performance computers,” said Eric Kelmelis, CEO of EM Photonics.

"Educating others on the techniques EM Photonics has helped pioneer grows the market for GPU-based computing and raises awareness for the platform."

The two-day standard training program covers parallel computing basics, CUDA programming, cross-platform development, debugging, deployment concerns, GPU optimization, and other topics.

Additional time can be added for more in depth instruction on particular areas or to address domain-specific techniques. All courses are fully customizable to meet the specific needs of each customer. For more details and pricing information, please visit www.emphotonics.com/services/cuda-training. To schedule a session, please email training@emphotonics.com.

About EM Photonics

Headquartered in Newark, Delaware, EM Photonics is a recognized leader in implementing computationally intense algorithms on commodity hardware platforms. Utilizing the state of the art in off-the-shelf hardware including GPUs and FPGAs, EM Photonics accelerates their clients' applications to achieve better, faster results. The company also offers consulting services and custom-designed tools to commercial, government, and academic organizations seeking to optimize their scientific computing, image processing, and numerical analysis applications.

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