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AKELA to Present at SPIE Optics + Photonics 2010 Collaborates with Sandia National Laboratories on study of laser fuses

Monmouth Junction, NJ, July 26, 2010 — AKELA Laser Corporation and Sandia National Laboratories will be presenting two papers at the upcoming SPIE Optics + Photonics 2010 Conference held in San Diego, CA from August 1-5. The papers are the result of a collaboration between AKELA Laser and Sandia National Laboratories studying performance and reliability issues of diode laser initiators. The papers are co-authored by Dr. Mike Maiorov, COO, AKELA Laser, and David Damm, Sr. Member Technical Staff, Energetic Components, Sandia National Laboratories.

“Energetics systems increasingly rely on laser fuses to initiate detonation,” said Damm. “Until now, there was no systematic analysis done to determine how to screen and select diodes for this single use application. In addition, the physics of the interaction between the laser and explosive material had not been thoroughly studied to determine the optimal approach to initiate the explosive device. AKELA’s work has been instrumental in gaining a clearer understanding of these issues.”

AKELA Laser Corporation is a high power laser diode manufacturer that designs and manufactures laser diodes and assemblies to customer and application-oriented specifications. According to Robert Sellers, AKELA Laser CEO, “AKELA’s knowledge of laser systems enables us to design, build and implement both products and test protocols specific to our customers’ applications, ensuring an optimized solution. Our collaboration with Sandia on developing test protocols for energetic systems is another example of AKELA’s problem-solving abilities.”

About AKELA Laser Corporation

AKELA Laser Corporation is a high power laser diode manufacturer specializing in custom laser assemblies that offer any desired combination of the light source, optics, cooling, and drivers in wavelengths ranging from 635nm to 2 microns. Founded in 2003, AKELA also provides laser drivers and custom laser systems as well as standard laser diode packages in both free space and fiber-coupled configurations.

AKELA is located in Monmouth Junction, New Jersey. To learn more about AKELA and its product offerings, please visit <http://www.AKELALaser.com> or call (732) 305-7105.

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