

FOR IMMEDIATE RELEASE

Biophotonic Solutions Inc. Founder to Present at Spectroscopic Imaging Workshop

EAST LANSING, Mich., July 2, 2015 – [Biophotonic Solutions Inc.](#) (BSI), the world leader in automated [laser pulse compression](#), announces that company founder Dr. Marcos Dantus will give an invited lecture at the upcoming 5th Summer Workshop on Spectroscopic Imaging. Scheduled for July 9, 2015, at Purdue University, Dr. Dantus' lecture will cover how to use broadband femtosecond laser pulses for improving biomedical imaging.

Dr. Dantus is a university distinguished professor of chemistry and physics at Michigan State University (MSU) and the founder and chief technology officer at BSI. Topics in his lecture will include: how to measure and compress broadband laser pulses (up to 300 nm in spectral width); how to use pulse shaping for multi-contrast multimodal imaging for cancer diagnosis; how to use pulse shaping for selective Raman mode excitation imaging; and how to use pulse shaping to create pulse replica and accomplish electronic coherence imaging of nanoparticles.

Dr. Dantus' work relies on [MIIPS](#), a technology invented by the Dantus Research Group at MSU and now proprietary to BSI. MIIPS technology allows automated ultrafast laser pulse measurement, compression, and shaping in real time, so that users can deliver optimized laser pulses to the target on demand. BSI's latest product is "MIIPS-HD," a pulse shaping system with enhanced pulse energy-handling capabilities over prior MIIPS systems.

"It's very exciting to see pulse shaping concepts that I started working on with my research group as early as 2001 beginning to transition from the laser lab to specialized imaging clinics in some of the world's leading institutions," said Dr. Dantus. "In my Purdue lecture, I'll talk about the work done with collaborators who are investigating how to advance biomedical imaging and medical diagnostics using ultrafast laser-based techniques."

Dr. Dantus' lecture, "Adaptive Pulse-Shaping of Broadband Laser Pulses to Enhance Nonlinear Microscopies," is scheduled for 1:00 pm on July 9th. Organized by Dr. Ji-Xin Cheng, professor of biomedical engineering and chemistry at Purdue University, the 5th Summer Workshop on Spectroscopic Imaging will take place July 9-10 at Purdue in West Lafayette, Indiana. For more information about the conference, please see http://www.conf.purdue.edu/landing_pages/spectroscopic/default.aspx.

About Biophotonic Solutions Inc.

Biophotonic Solutions Inc. (BSI; www.biophotonicsolutions.com) is the world leader in automated, adaptive femtosecond laser pulse compression and shaping. BSI develops, licenses, and sells cost-effective solutions that drive the ultimate performance from lasers for high-precision imaging, material processing, and other applications where transform-limited ultrafast pulses are desirable at the focal plane. BSI's products, based on exclusively licensed technology,

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unlock the latent power of ultrafast lasers for industrial, scientific, medical, and defense applications.

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