Chemical and Engineering News and TSI to Host Webinar on 'LIBS for Elemental Analysis of Solids'

Online Event Will Examine LIBS as Chemical Analysis Technique and Introduces New Product

This instrument provides rapid elemental analysis of solid materials

SHOREVIEW, MINNESOTA, USA, October 3, 2013 /EINPresswire.com/ -- TSI Incorporated, manufacturer of precision measurement instruments and chemical analysis solutions, is sponsoring its second webinar on October 15, 2013, presented and moderated by Celia Arnaud, Senior Editor of Chemical and Engineering News, to highlight Laser-Induced Breakdown Spectroscopy (LIBS), an innovative new technique for chemical analysis that serves as an alternative to traditional methods.

Elemental analysis using laser-induced breakdown spectroscopy (LIBS) was first introduced in 1962. Since then, the advancement of high-powered pulsed lasers, high-sensitivity spectrometers and computerized instrument control and data processing software have evolved LIBS from a scientific curiosity to a valuable complementary tool to other elemental analyzers. Over the past 51 years since its invention, LIBS has been cited over 2000 times, and applications have ranged from high-profile forensics analyses to analyses of Martian soils on-board the NASA Mars Rover Curiosity.

“This event will discuss the legacy of LIBS, its many applications, and how this technique provides elemental quantification of trace and minor constituents in a variety of materials such as glass, polymers, and metals, to the rapid characterization of unknown solid and powder samples. The event will also touch on the unique features of the ChemReveal LIBS Desktop Analyzer, the latest commercial LIBS instrument, which brings the rapid elemental analysis capabilities of LIBS to your laboratory,” commented Dr. Phillip Tan, Global Product Manager at TSI Incorporated. “As such, this presentation is well suited for Laboratory analytical chemists, core laboratory managers, researchers interested in material science and geochemistry, and quality assurance and inspection professionals for positive material identification (PMI).”

For more information on this event and to register, click here.

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