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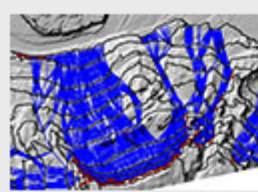
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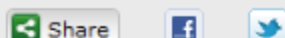
Wednesday, November 26, 2014

Algorithm Speeds Lidar Assessment of Landslide Risk



Computer algorithms could turn lidar surveying systems into powerful tools for assessing landslides and keeping people out of their path. Researchers have developed a Contour Connection Method based on lidar data, which can quickly analyze and classify landslide risk in an area of 50 or more square miles.

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A combined biomarker and drug delivery system, by researchers at Nanyang Technological University, could lead to very localized, more effective cancer treatment.

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In this edition of the industry's **premier weekly newscast**: A new cloaking device makes objects disappear, digital image correlation refines laser additive manufacturing, a business news roundup, and OSA's Rising Stars.

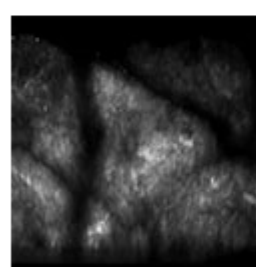
Laser Delves Deep into Prehistoric Environments

A look back via laser into sedimentary organic matter that accumulated on the sea floor could shed light on past climates and environments for a better understanding of the future.

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Nonlinear Microscopy Measures Effects of Laser Skin Surgery



An in vivo solution using combined two-photon fluorescence and second harmonic generation to examine the effects of laser-based plastic surgery below the surface and at the microscale without a biopsy.

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Antonio Luque Receives \$60,000 Boer Award

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Light, Energy and the Environment Congress - Dec. 2-5, 2014 · Canberra, Australia



The Optical Society's Light, Energy and the Environment Congress brings together researchers, engineers and managers representing several disciplines to discuss and exchange information about energy production usage, cost, and environmental and efficiency management.

The event, to be held at the Energy Change Institute at the Australian National University, will examine developments in optical technologies for energy production, transport and use.

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