


sponsor

**REGISTER TODAY**  
ASLMS.ORG



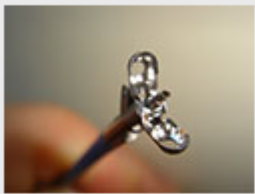
37th ASLMS Annual Conference on  
**ENERGY-BASED MEDICINE & SCIENCE**  
April 5-9, 2017

# Spectroscopy

## Tech Pulse

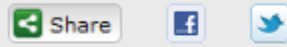
**Wednesday, February 18, 2015**

### UV-VIS Spectroscopy in the Clinic – What’s Stopping It?



Despite years of development leading to robust technologies that have undergone thorough testing, commercialized instruments are having a tough time finding their way into the clinic.

[Read Article >>](#)



### \$30M DOE Program Seeks Photonic Methane Monitoring Solutions

Ten organizations will develop photonic gas monitoring systems under a \$30 million program coordinated by the U.S. Department of Energy’s Advanced Research Projects Agency (ARPA-E).

[Read Article >>](#)



### Antennas Enable Nanoscale Terahertz Spectroscopy

Tiny antennas could bring the power of terahertz spectroscopy to bear on large molecules and other nanoscale objects.

[Read Article >>](#)



### Featured Products



#### Detectors and Light Sources for Spectrometers

**Hamamatsu Corporation**  
Hamamatsu offers diverse components for spectroscopy, both standard and customized products. These include a large selection of detectors, light sources, and miniature spectrometers.

[More info >>](#)



#### NuVIEW Optical Fibers

**Nuferrn**  
The NuVIEW fiber family features specialty single mode and polarization maintaining fibers for the latest OCT, spectroscopy, and advanced medical imaging technologies.

[More info >>](#)



#### High Sensitivity Compact NIR Spectrometer

**Avantes BV**  
This new and improved NIR spectrometer offers more sensitivity, less weight and less size. Based on a 100mm optical bench with a NA of 0.13 offering optimal balance between resolution and sensitivity.

[More info >>](#)



#### Enhanced Detector Capabilities

**Teledyne Judson Technologies**  
Teledyne Judson Technologies, the leader in IR sensors design and manufacturing, is proud to offer an enhanced performance product platform based on a highly integrated lensed detector.

[More info >>](#)

### More Articles on Photonics.com

#### OPO-Based Photoacoustic Spectroscopy Speeds Up Gas Analysis



High mid-infrared output power from an optical parametric oscillator teams up with novel cantilever-enhanced photoacoustic measurement technology to offer extreme sensitivity and selectivity in industrial gas analysis and monitoring.

[Read Article >>](#)



#### High-Speed Line-Scan Sensors Improve Spectroscopy

CMOS linear arrays allow the optical signal to be digitized directly on the chip, making the electronics design simpler, more cost-efficient and more robust.

[Read Article >>](#)



#### Daylight Solutions, Thorlabs Partner on QCL Projects

Daylight Solutions Inc. and Thorlabs will work together to develop quantum cascade lasers (QCLs) for defense and security applications.

[Read Article >>](#)



#### Thales, ICFO Partner on MIR Lasers

Targeted applications for the lasers include IR spectroscopy and biomedical imaging, as well as particle acceleration, attoscience, and tabletop coherent x-ray imaging and spectroscopy.

[Read Article >>](#)



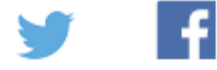
Questions: [pr@photonics.com](mailto:pr@photonics.com)

Unsubscribe: <http://www.photonics.com/Newsletter/EmailUnsubscribe.aspx>

[Subscribe](#) | 
 [Manage Subscriptions](#) | 
 [Privacy Policy](#) | 
 [Terms and Conditions of Use](#)



THE PULSE OF THE INDUSTRY



sponsor

sponsor

### PHOTONICS buyers' guide

Looking for **Spectroscopy products?** [Search](#) the Photonics Buyers' Guide or Browse these product categories:

- [FTIR Spectrometers](#)
- [Spectrographs](#)
- [Spectrophotometer Cells](#)
- [Spectrum Analyzers](#)
- [Ultraviolet Spectrometers](#)
- [Visible Spectrophotometers](#)

sponsor