

AvaNews Update 1/2008

Happy New Year!

Jan 19-24, 2008
San Jose, CA
Booth 1703



Avantes is looking forward to visiting with our customers at Photonics West 2008 later this month.

We are also proud to be a presenter at the 2008 Photonics West Exhibit Product Demonstration. On January 22, 2008 Benno Oderkerk, Avantes Technical Director will be presenting an overview of our AvaSpec 2048X14—High Sensitivity Miniature Spectrometer which features the Hamamatsu S9840 back-thinned CCD detector. The presentation will be held at "Laser Town Square, Hall 3, Demo Area 2 at 1:30 p.m. We invite all interested parties to attend. Below is an outline of the topics to be covered:

- I. Advantages of back-thinned detector arrays vs. CCD array
- II. New optical bench design for the ultra-sensitive AvaSpec
- III. Balanced spectrum combined with AvaLight-DHS-BAL
- IV. Applications – Remote detection of explosives

Avantes is offering a special promotion in conjunction with Photonics West, so drop by and see us.

DEMO AVANTES INSTRUMENTS

Interested in a demo of an Avantes Spectrometer?

Avantes has a free instrument demo program! If you have an application for a micro-spectrometer and would like to feasibility test prior to a purchase, call or email us for more details.

2008 Exhibition Events

Avantes will be exhibiting at the following events in 2008. We look forward to seeing you:



Jan 29-31, 2008
Anaheim, CA—Booth 1376



Mar 3-6, 2008
New Orleans, LA—Booth 2539



Mar 26-28
Philadelphia, PA—Booth 134



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Optical Sensing Workshop **2008** Coming to Boston/Baltimore Areas

Avantes in collaboration with Sphere Optics and Sensl are proud to announce a workshop series starting in 2008. The Optical Sensing Workshop is an effort to provide scientists and engineers from industry and research an opportunity to learn more about how optical sensing technologies can be put to use in their application. The workshop includes both lecture/theory and practical hands on instrument demonstration.

- ✓ Avantes will discuss the fundamentals of spectrometer design and explore specific applications in radiometry, chemistry, reflection and thin film measurement.
- ✓ Sphere Optics will present information on the basic science of radiometry and photometry, including theory and design.
- ✓ Sensl will present information about silicon low light detection using photon counting devices, SPM detectors and high resolution timing modules.

The dates and locations for the first three locations are as follows:

Friday, April 11th—Strasbourg, France
 Monday, April 14th—Marriot, Boston/Burlington
 Thursday, April 17th—Laurel, Maryland

If you would like more information or would like to sign up, please contact us at infoUSA@avantes.com or 1-866-678-4248 for more information. Attached to this newsletter is a PDF file with detailed information about the upcoming workshops.

For more information about Avantes Solutions in Spectroscopy, please contact your [regional distributor](#) or Avantes US directly at 1-866-678-4248 or infoUSA@avantes.com

To remove your name from our mailing list, please [click here](#).

Questions or comments? E-mail us at infoUSA@avantes.com or call Toll free: 1-866-678-4248