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ARP at the CLEO/PhotonXpo 2009, Baltimore, MD

Harrisburg, PA, April 26, 2009: Applied Research and Photonics (ARP) is introducing **TERASPECTRA**, a novel terahertz spectrometer having applications in biological, biomedical, pharmaceutical, and other life science areas. Terahertz technology provides the next generation capabilities, overcoming the so-called terahertz gap, with new applications in this spectrum range. ARP received the prestigious NASA TechBrief's nano-50 award. A live demo of the spectrometer will be conducted at the PhotonXpo 2009 at the Baltimore Convention Center from June 2-4, 2009. Follow the link for more details: http://www.cleoconference.org/exhibit_hall/.

ARP's **TERASPECTRA** is a turn key spectrometer. It operates over an equivalent frequency range of 0.1 to >6 THz. Time domain measurements can be conducted over a time span of sub-Pico seconds to a few tens of Pico-seconds. This wide range allows characterizing a number of molecular events important for biomedical and materials research. The spectrometer applications may be developed in diagnostics, pharmaceutical, and related areas. The main features are:

- **TERASPECTRA** is cost-effective with higher performance because of its next generation technology.
- A high power source enables probing of a wide variety of specimens thus expanding the scope of the spectrometer.
- High dynamic reserve and high Signal to Noise Ratio.
- Collaborative investigation available.

For more information contact ARP at above address or by email: info@arphotonics.net. Additional information is available at <http://arphotonics.net/technicalnotes.htm>.