

Tour Speakers Committee Report: Society for Applied Spectroscopy Governing Board

FACSS 2010, Raleigh, NC

October 19, 2010

Ten individuals have graciously agreed to contribute their time and energy to the 2011 SAS Speakers Tour. Subject areas include Raman, LIBS, XRF, IR, and Sum Frequency Generation. Applications draw from a wide swath including art and archaeology, remote sensing, protein folding, biological assay, and chemical sensor development.

Largely drawn from academia (both large research institutes and smaller academic colleges) there are a few participants from government labs, and some speakers that have commercial affiliation/interests in addition to their primary academic affiliation.

The speakers and their proposed titles are detailed below.

| Name | Title/subject |
|------------------|---|
| Frank Bright | Spectrochemical Analysis for Chemical Sensor Development |
| Nathan Bower | XRF and Lead isotopic analysis of corroded first century Biblical coins |
| Luisa Profeta | Applications of Infrared Methods to Simple & Complex Systems |
| Richard Hark | Spectroscopic investigation of pigments on fake and authentic medieval manuscripts |
| Gary Small | Environmental Remote Sensing by Passive Infrared Spectroscopy |
| Elsa Yan | Protein Folding at Interfaces Probed by Sum Frequency Generation Spectroscopy |
| Kirk Rector | Targeted SERS Nanosensors for Time-Lapse Chemical Microscopy of Live Cell |
| Rosemarie Chinni | Applications of Laser-Induced Breakdown Spectroscopy (LIBS) for Uranium Detection and Field Portable Instrumentation |
| Tim Keiderling | Peptide conformation and dynamics of folding. Site-specific insights with vibrational spectroscopy and related techniques |
| Joseph Chaiken | "Hunting the Deceitful Turkey": Recent progress in noninvasive in vivo blood and tissue analysis by Raman spectroscopy |

The next phase will be the distribution of the candidate speaker list to the local sections, and the subsequent "dance" of matching up preferences, schedules, and logistics. We appear to be on target, and look forward to the ongoing process.

Respectfully submitted
Linda H. Kidder