Please register with richienagi@gmail.com
(for food estimate – last minute walk-ins are completely welcome)
Those who have registered are listed at the bottom.

Ventura OSA

Co Presidents
Virginia Ford
Eric Ford
Announcements

Programs/News
John McDonald

Secretary and arrangement
Fred Houston

Treasurer
John Tardif

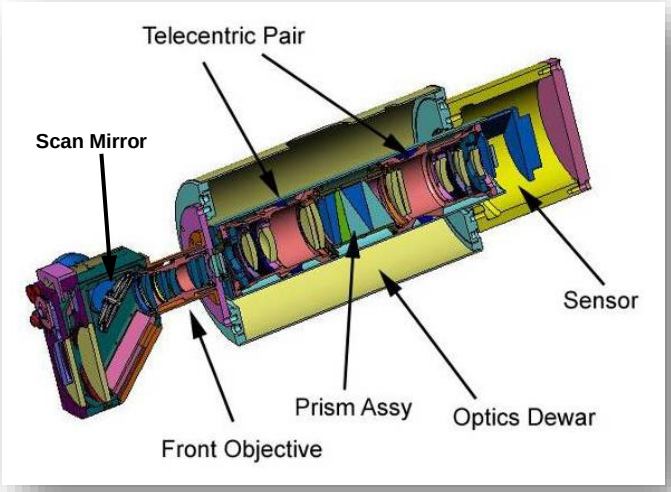
Website, Mailing list
Richie Nagi

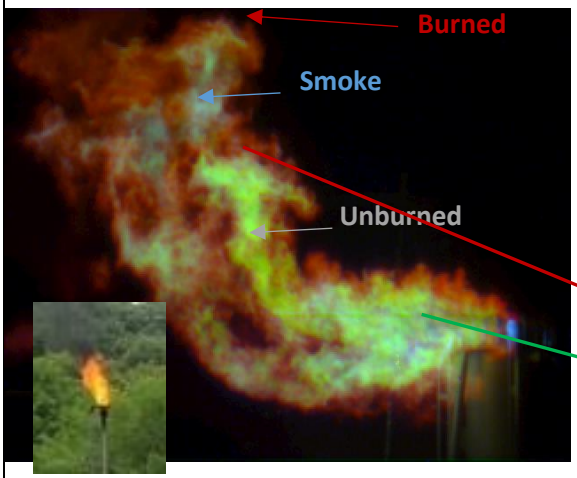
Ventura OSA (VOSA) Announcement for July 16, 2019 (Please RSVP)

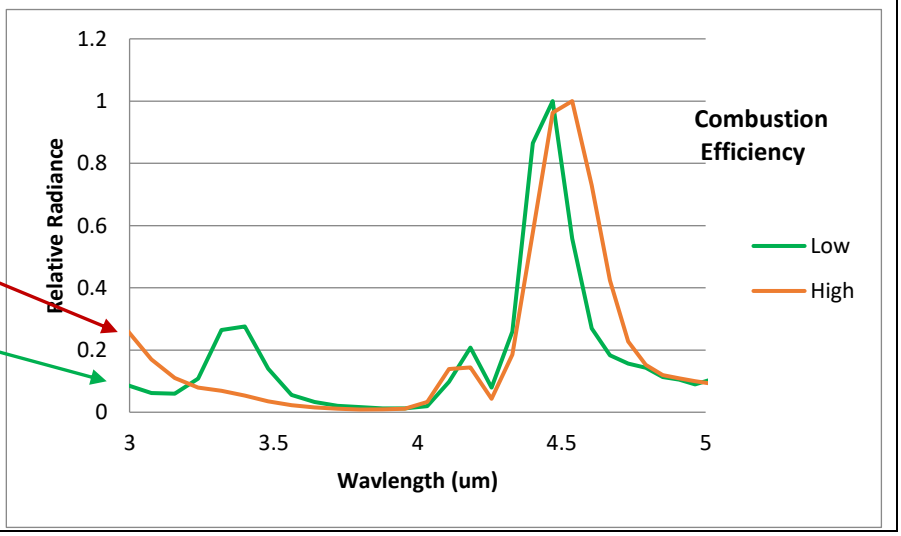
Spectral Imaging: Revealing the Unseen

By

Mark Dombrowski
Surface Optics Corporation







Courtesy of Carol Sawyer, Virginia Museum of Fine

Abstract:

Spectral imaging is a powerful tool for measuring and exploiting material properties of objects in a scene; unlike standard panchromatic, dual-band, or color imagers, which measure one, two, or three broad bands in an image, spectral imagers produce anywhere from tens to thousands of bands, allowing material-based discrimination of objects. Spectral imaging has developed over the last several decades in many forms from multispectral (generally fewer than 10 bands), to hyperspectral (tens to low hundreds of bands), to ultraspectral (thousands of bands). This tutorial provides an overview of spectral imaging, including multiple different imaging technologies with their associated benefits and limitations, calibration and processing of spectral imagery, and example applications. Example applications range from typical military sensing, to remote flame combustion efficiency measurement, to art conservation.

Mark Dombrowski

Mark Dombrowski, Vice President and Chief Technology Officer of Surface Optics Corporation, received a B.S. in Engineering and Applied Science from the California Institute of Technology in 1985. He worked first for Lockheed Missiles and Space Company in ballistic missile defense, then at McDonnell Douglass Technologies in stealth technologies. Since joining Surface Optics in 1991, he has been active in the spectral imaging community and has headed Surface Optics real-time hyperspectral imaging activities, spanning the ultraviolet to long-wave infrared range and encompassing variable filter, prism, grating, FTIR and other technologies. He holds eight patents on real-time hyperspectral imaging, has conducted multiple spectral imaging seminars, and has published nearly four dozen papers on Surface Optics' hyperspectral imaging research and development efforts.

Venue For Event

Advanced Spectral Technology, Inc.
94 W Cochran St Suite A
Simi Valley, CA 93065
805.527.7657
GPS Lat/Lon: 34.282265, -118.799712
6:00p Mixing and Stand Up Dinner
7:00p Speaker
$20 donation on site
(it is a donation for food, insurance and venue.
If you need a no-food, student, old age or other discount,
please give yourself one).

From Eric & Ginny

We are anticipating this exciting talk about hyperspectral imaging. Hope you can join us!

We are also searching for a new place to meet. Thanks to Tom Persico and the AST team for hosting us so comfortably, but this meeting in July will be our last meeting at this site. We will talk about this further before this talk.

VOSA is seeking a volunteer who can help the club maintain the membership email list, distribute announcements, and track the headcount of who will attend for food planning. If you are interested, please contact Ginny or Eric at:virginiag4d@gmail.com or erich4d@gmail.com.

The Ventura section of the Optical Society of America promotes optical science and optical engineering and facilitates communication and networking among optics professionals, students, and optics aficionados in the geography reaching roughly from Santa Barbara to Pasadena.

Upcoming meetings:

Septembr 10, 2019 Dr. Matthew Hunt
October 8th, 2019 Dr. Clair Allison McLellan

If you want to be added or removed to/from our mail list please notify us at **richienagi@gmail.com**

Our sibling organization OSSC Meets 2nd Wednesdays.

For our meeting (Ventura OSA) please register to richienagi@gmail.com

RSVPs:

1. Ginny Ford
2. Eric Ford