

# The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



## June 2011

### ELLIS R. LIPPINCOTT AWARD TO BE PRESENTED TO ISAO NODA



The Optical Society of America, Coblenz Society, and Society for Applied Spectroscopy are proud to announce that the Ellis R. Lippincott Award will be presented to Dr. Isao Noda of Procter and Gamble.

The Ellis R. Lippincott Award is awarded annually to recognize an individual that has made significant contributions to the field of vibrational spectroscopy. The award was jointly established in 1975 by the Optical Society of America, Coblenz Society, and Society for Applied Spectroscopy to honor the unique contributions of Professor Ellis R. Lippincott. Among other contributions, Professor Lippincott was one of the developers of the diamond anvil cell which is widely employed used in high pressure research, and because innovation was a hallmark of Lippincott's work, this quality must also be demonstrated by candidates for the award.

Dr. Isao Noda is well known for his research at the interface of materials development and analytical chemistry. In particular, Dr. Noda is recognized for his role in the development of two-dimensional infrared (2D IR) correlation spectroscopy techniques and their application in the research and development of novel classes of polymeric materials, including bio-based biodegradable plastics. Dr. Noda graduated from Columbia University in 1974 with a B.S. degree in chemical engineering and went on to earn his M.S. in bioengineering (1976), and M.Phil. (1978) and Ph.D. (1979) degrees in chemical engineering from Columbia University. In 1997, he received a D.Sc. degree in chemistry from the University of Tokyo. Dr. Noda is currently a Research Fellow of the Procter & Gamble Company in Cincinnati, Ohio. He has been granted more than 50 US patents, as well as many foreign patents, and has published over 280 peer reviewed scientific articles.

#### Previous Lippincott Award Winners

- |                                    |                                 |
|------------------------------------|---------------------------------|
| 1976 Richard Lord (SAS)            | 1984 Jon Hougen (OSA)           |
| 1977 Lionel J. Bellamy (Coblentz)  | 1985 Ira W. Levin (SAS)         |
| 1978 Bryce L. Crawford (OSA)       | 1986 Wolfgang Kaiser (Coblentz) |
| 1979 E. Bright Wilson (SAS)        | 1987 C. Bradley Moore (OSA)     |
| 1980 George C. Pimentel (Coblentz) | 1988 Andreas Albrecht (SAS)     |
| 1981 Ian M. Mills (OSA)            | 1989 Marilyn Jacox (Coblentz)   |
| 1982 Michael Delhays (SAS)         | 1990 Robert W. Field (OSA)      |
| 1983 John Overend (Coblentz)       | 1991 No Award Given             |

1992 Richard Saykally (SAS)  
1993 John Rabolt (Coblentz)  
1994 Herbert L. Strauss (OSA)  
1995 Giocinto Scoles (SAS)  
1996 Giuseppe Zerbi (Coblentz)  
1997 Robin Hochstrasser (OSA)  
1998 Takeshi Oka (SAS)  
1999 Mitsuo Tasumi (Coblentz)  
2000 Donald Levy (OSA)

2001 W. Lester S. Andrews (SAS)  
2002 Sanford A. Asher (Coblentz)  
2003 Shaul Mukamel  
2004 Richard Mathies  
2005 Jaan Laane  
2006 Hai-Lung Dai  
2007 Jonathon Tennyson  
2008 Richard P. Van Duyne  
2010 Martin Moskovits

## **Reminder: July 15 Application Deadline Approaching for Applied Spectroscopy Journal Editor Position**

Applied Spectroscopy Journal Editor-in-Chief Peter R. Griffiths recently communicated his intent to step down as journal editor in June 2012. The Publications and Executive Committees of the Society for Applied Spectroscopy are now seeking qualified applicants for the position of Editor-in-Chief of Applied Spectroscopy. The new editor will take over editorial operations in July 2012, being responsible for the content of the journal starting with the September 2012 issue.

In addition to being a top scientist in the field of spectroscopy, the individual must be a member in good standing of the Society and must have served at least two years in one of the following capacities or one year each in two of the following capacities: delegate to the Governing Board; regional/technical section officer; journal editorial board member, and/or chair of a Society committee. The position is a 3-year term and the Editor-in-Chief is responsible for the regular monthly publication of Applied Spectroscopy and serves as a non-voting member of the Society Executive Committee.

If you would like to submit a name for consideration, please email it with supporting documentation to: Dr. Bruce Chase, Chair of the SAS Publications Committee, at [exdir@s-a-s.org](mailto:exdir@s-a-s.org) or mail it c/o The Society for Applied Spectroscopy, 5320 Spectrum Drive, Suite C, Frederick, MD 21703.

The deadline for receipt of applications or nominations is July 15, 2011.

# 2012 Winter Conference on Plasma Spectrochemistry

## January 9-14, 2012, Tucson, Arizona

The 2012 Winter Conference explores the most recent applications, developments, fundamentals, and research achieved with analytical plasma sources including glow discharges, inductively coupled plasmas, laser sources, and microwave discharges for elemental trace and ultratrace, stable isotope, and elemental speciation analyses.

More than 300 Invited and Contributed Presentations

Basic and Advanced Preconference Short Courses

Instrumentation and Plasma Products Exhibition

Three Special-Topic Workshops

Twelve Plasma Spectrochemical Symposia

Six Heritage Lectures Featuring Distinguished Researchers

•Advanced Instrumentation and Materials Analysis

•Agriculture, Food, Nutrition Analysis

•Aquatic, Earth, Marine Sciences

•Clinical ICP-MS, Tissue Imaging Analysis

•Elemental Speciation

•Environmental Sciences

•Elemental, Isotopic Forensics

•Laser Spectrochemistry

•Nanomaterials Characterization, Analysis

•Pharmaceutical, Nutraceutical Analysis

•Sample Introduction, Sample Preparation

•Semiconductor and High-Purity Materials Analysis



**Hilton Tucson El Conquistador Tennis and Golf Resort**

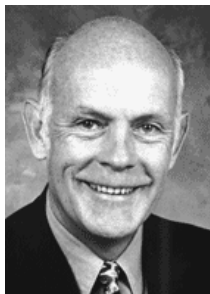
**Call for Papers, Early Bird Registration Deadline July 11, 2011**

wc2012@chem.umass.edu, <http://icpinformation.org>

This is the 17th in a series of biennial meetings featuring developments in chemical analysis employing electrical discharge sources known as "plasma spectrochemistry". More than 500 international scientists are expected, and 50 short courses will be offered.

## June Historical Events in Spectroscopy by Leopold May, Catholic University

June 6, 1943



Richard E. Smalley, who did research in supersonic beam laser spectroscopy, was born on this day. He shared the Nobel Prize in Chemistry in 1996 with Robert F. Curl and Harold W. Kroto for their discovery of fullerenes.

June 12, 1980



Wallace R. Brode, Honorary member of SAS, was born on this date. He did research in emission and other forms of spectroscopy. His textbook, "Chemical Spectroscopy", was first published in 1939. He also served as President of the American Chemical Society.

June 16, 1923

Paul A. Wilks, Jr., maker of ir instruments and sample-handling products, was born on this day.

June 18-22, 1962

The first National Meeting of the Society for Applied Spectroscopy, the International Conference on Spectroscopy, 1962, and the Xth Colloquium Spectroscopium Internationale, College Park, MD, was held during this week.

June 23, 1775



Etienne-Louis Malus, born on this day, discovered the polarization of light in 1809 and developed the theory of double refraction of light in crystals in 1810.

More historical events are available at Dr. May's website, <http://faculty.cua.edu/may/SpectHist.htm>.

*Comments to david.butcher@Analytchem.org*