

The SAS Spectrum Newsletter

The Newsletter of the Society for Applied Spectroscopy



December 2010

ANNOUNCEMENT from the Society for Applied Spectroscopy

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 three-year term during which 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, or mail it to him: 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.

The SAS Members-Only Event in Raleigh at FACSS 2010



SAS held its second members-only event at the 2010 FACSS meeting in Raleigh on Sunday, October 17, at Rush Hour Carting. Approximately 80 members had an enjoyable afternoon with food, drink, and racing. Following a buffet lunch, SAS members were trained on the safe operation of the vehicles before heading out to the track. In addition to racing, members could also view the races, or play pool, darts, and arcade games. All of the races were timed electronically, and the racers with the best times were invited to participate in the grand finale.



Past SAS President Jon Carnahan is ready to race.



The finalists before the big race!



Spectators observe the racing action!



All of the participants.

December Historical Events in Spectroscopy by Leopold May, Catholic University

December 18, 1856



Joseph J. Thomson, who discovered the electron in 1897, was born on this day. He received the Nobel Prize in Physics in 1906 in recognition of the great merits of his theoretical and experimental investigations on the conduction of electricity by gases.

December 18, 1908

E. Bright Wilson, Jr., Honorary Member of SAS, was born on this day. He was a researcher in infrared spectroscopy.

December 24, 1834

The inventor of the standard lamp of 10 candle-power using pentane, Augustus G. Vernon-Harcourt, was born on this day.

December 25, 1642



Sir Isaac Newton, who discovered the nature of light and first observed the visible spectrum with a glass prism, was born on this date. He also studied alchemy.

December 25, 1904



Gerhard Herzberg, who was born on this day, did research on the electronic structure and geometry of molecules and free radicals using spectroscopy. He received the Nobel Prize in Chemistry in 1971 for his contributions to the knowledge of electronic structure and geometry of molecules, particularly free radicals. He was an Honorary Member of SAS.

December 31, 1931



James Winefordner, Honorary Member of SAS, was born on this day. He studies the measurements of the emission characteristics of various laser plasmas and the application of physical principles to obtain fundamental information, including plasma temperatures, species number densities, and line broadening.

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