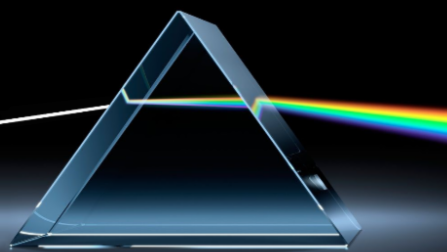




SAS eNews



New York Capital Region Symposium: 23 May 2022



The poster features a dark blue background with diagonal stripes. At the top center is the SAS logo. Below it, the title 'The First Annual New York Capital Region Applied Spectroscopy Symposium (In-person)' is written in white. The date 'MONDAY, MAY 23RD' and time 'TIME: 9:00 AM-4:00 PM' are listed. The location is 'HOLIDAY INN EXPRESS & SUITES CONFERENCE CENTER' at 'ADDRESS: 16 WOLF RD, ALBANY, NY'. A circular portrait of Andrey Krayev is on the left. To his right, he is identified as the 'Keynote Speaker: Nanoscale Imaging' with a talk title 'TERS and TEPL Imaging for 2D Materials Research' and affiliation 'HORIBA'. The 'Topics' section lists: Forensic Sciences, Medical Dignostics, Biological Studies, Environmental Analysis, and Novel Applications. A yellow banner at the bottom contains the abstract submission deadline (April 15th, 2022) and registration deadline (May 16th, 2022), along with the symposium page URL. A QR code labeled 'Scan Me' is in the bottom right corner.

The First Annual New York Capital Region Applied Spectroscopy Symposium
(In-person)
MONDAY, MAY 23RD
TIME: 9:00 AM-4:00 PM
LOCATION: HOLIDAY INN EXPRESS & SUITES
CONFERENCE CENTER
ADDRESS: 16 WOLF RD, ALBANY, NY

Keynote Speaker: Nanoscale Imaging
Andrey Krayev
Talk Title: TERS and TEPL Imaging for 2D Materials Research
HORIBA

Topics
Spectroscopy for:

- Forensic Sciences
- Medical Dignostics
- Biological Studies
- Environmental Analysis
- Novel Applications

ABSTRACT SUBMISSION DEADLINE: APRIL 15TH, 2022
REGISTRATION DEADLINE: MAY 16TH, 2022
Symposium page: <https://nycrsas.wixsite.com/nycrsas/team-3>

Scan Me

The Second Student meeting of the Coblenz Society and New England and New York Society for Applied Spectroscopy (SAS) Sections: 26th May 2022

12:00pm EDT (9am PDT) Virtual Meeting

Following the success of the First Student Virtual Conference, the Coblentz Society, and New York SAS and New England SAS Sections are hosting a conference for presentations by PhD students from across the world working in all fields of vibrational spectroscopy. We hope that this will provide an opportunity to showcase developments at the leading edge of vibrational spectroscopy and will cover applications of vibrational spectroscopy over a wide range of disciplines. Presenters do not necessarily have to be a member of either The Coblentz Society, NE, or NY Sections of SAS. That means that the conference is open to all!

Researchers will have **three minutes** to present a compelling oration on their work and its significance. This will be a one-hour virtual meeting followed by a 30-minute open discussion. The idea behind this is to provide wide dissemination and exposure of work and stimulate discussion. It is also hoped that this type of presentation will increase researchers' academic, presentation, and research communication skills, and their capacity to effectively explain a research topic in three minutes and in language appropriate to a non-specialist audience.

Sponsored by:

The Coblentz Society (<https://www.coblentz.org/>)

The New England Regional Section of the Society for Applied Spectroscopy (<https://www.nesas.org/>)

The New York Regional Section of the Society for Applied Spectroscopy (<https://nysas.org/>)

SAS Early Career Interest Group News

The Early Career Interest Group (ECIG) is pleased to announce that we will be offering an Early Career Travel Award again this year in conjunction with SciX 2022. The award is available to early career scientists who completed their final degree in the last five years and who plan to present their current research at SciX 2022. The application deadline is June 15. Complete details regarding this year's travel award and the application process are available on the ECIG website: <https://www.s-a-s.org/sas-early-career-interest-group/>

In addition, the ECIG is in the process of planning an in-person social event for early career scientists that will take place at SciX 2022. More details concerning this event will be announced in advance of SciX. We hope that this year many early career scientists will be able to gather together in person for this event! If you are an early career scientist interested in this event, look for more details in future editions of the SAS Newsletter!

The SAS-ECIG is currently looking for additional committee members to assist with our ongoing mission and events. If you are interested in getting involved with the ECIG, please email Fay Nicolson at fay_nicolson@dfci.harvard.edu for more information!

Tribute to the Late Stan R. Crouch

Stan Crouch began his life's journey in Turlock, California, where he was born to Mildred Barnes and Ned Ross Crouch on September 23, 1940. Stan's sister, Patricia Ann, joined the family a few years later. Stan spent most of his formative years in Chowchilla, California, and graduated from Chowchilla Union High School in 1958 as valedictorian of his class. He was known to his classmates as being serious and studious. He was active in school organizations and was the Student Director of the high school band. During Stan's youth, the family traveled throughout the West and visited many National Parks including Yosemite, the Grand Canyon, and Glacier. In later years, he recounted these trips as stimulating to his interest in science and nature.



Following high school graduation, Stan matriculated at Stanford University in the fall of 1958. He majored in chemistry and graduated in 1963 with a BS/MS. In 1960-1961, he spent six months in Florence, Italy, studying music and Italian art at the Stanford branch campus, an experience that stimulated his lifelong love of overseas travel and all things Italian. Back at Stanford the following year, Stan began to develop his love for analytical chemistry under the guidance of Douglas A. Skoog. Skoog and Donald M. West had recently completed a draft of their first textbook, *Fundamentals of Analytical Chemistry*, and the quantitative analysis students at Stanford used the draft as their course text. Stan's fifth-year project for his MS was a study of an iodine-thiocyanate complexes in nonaqueous solvent, on which he wrote his thesis in 1963 under Skoog's mentorship. Skoog urged Stan to attend graduate school in chemistry and recommended The University of Illinois, from which Skoog had earned his Ph.D., and which he saw as the nexus of analytical chemistry in the United States at that time with prominent faculty such as Herbert Laitinen, Howard Malmstadt, and others.

Stan passed on March 9, 2022. Stan is survived by his sister Patricia Ann Twigg (Ash), his stepson Michael Gartner (Karen), grandson Alexander, granddaughter Victoria, stepdaughter Kathy, and grandsons Brendan and Jacob. Dear friend and companion, Barbara Weisman, accompanied Stan through his last years of life,

attended to his needs during his extended illness, and worked tirelessly to maintain his hope and spirit during this most difficult time. Stan's many friends, colleagues, and students will miss his good humor, his quick mind, his encyclopedic memory, and his dedication to teaching, learning, and writing.

For Jim Holler's full tribute, **please see this link**.

Jim Holler
April 6, 2022

IR and Raman Courses

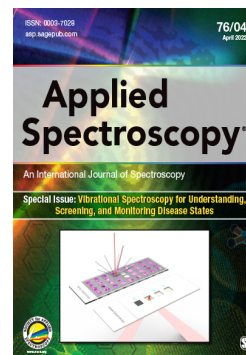
Infrared and Raman Courses, Inc. is back at Bowdoin! We are pleased to announce that this popular course Infrared & Raman Spectral Interpretation returns to Bowdoin College this summer. The 2022 course is scheduled to be held at Bowdoin College, Brunswick, Maine, 11–15 July. The course has been held at Bowdoin College since 1972, except for 2019, when it was offered in Philadelphia, and the last two years when it could not be held due to the COVID-19 pandemic. These courses are Coblenz-affiliated activities and have been presented annually for over 50 years, historically at MIT and Bowdoin College. The aim of the courses is to provide a rigorous foundation for interpretation of vibrational spectra.

The deadline for receipt of the formal course registration fee is 27 June 2022. Participants are urged, however, to submit their registrations well in advance of this date to be assured that accommodations can be reserved.

For more information: <https://ircourses.org/>

April Applied Spectroscopy Cover Highlight

The April Issue of Applied Spectroscopy is a (truly) Special Issue covering "Vibrational Spectroscopy for Understanding, Screening, and Monitoring Disease States" assembled and overseen by Guest Editors, Kathleen Gough (University of Manitoba) and Rohith Reddy (University of Houston). They have included a diverse group of invited papers ranging from techniques to data analytics for biological and biomedical applications. The special issue features papers on applications of FT-IR, Raman, photothermal, and ATR spectroscopy, as well as new approaches using machine learning and other computational methods for spectral interpretation and sample classification.



The cover graphic is from a Focal Point Review written by Matthew Baker's group (University of Strathclyde), "Clinical Spectroscopy: Lost in Translation?", which presents an important and timely overview of the challenges that face the biospectroscopy community as they seek to move basic research from bench to bedside. The review captures the excitement and promise of early efforts that have led to numerous studies exploring the means of translating proof of principle efforts into clinically feasible and clinically accepted tools.

Do you have something spectroscopy-related you want to discuss in the newsletter? Or something that will help our membership such as career tips or application tips? Please let us know by emailing luisaprofeta@gmail.com.

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