

THE GREAT SCIENTIFIC EXCHANGE
SCIX2022

Is coming...
October 2-7, 2022
Northern Kentucky Convention Center
Greater Cincinnati, Northern Kentucky



<https://www.scixconference.org/>

The premier meeting for Analytical Chemistry and Allied Sciences

NOTICE:

Deadline for Oral Abstract submission – May 16th

Deadline for Poster Abstract submission – August 1st

Program Topics Include:

Art and Archaeology

Atomic Spectroscopy

Biomedical and Bioanalytical

Chemometrics

Contemporary Issues in Analytical Sciences

Electrophoresis

Laser-Induced Breakdown Spectroscopy

Mass Spectrometry

Molecular Spectroscopy (IR and NIR)

Pharmaceutical/Biopharmaceutical

Process Analytical Technologies

Raman Spectroscopy

Security and Forensics

Surface Plasmon Resonance

Ultraviolet Spectroscopy



Local Science Sessions planned:

Session 1 – Local Industrial Research

Matt Lynch (P&G) – “Developing Complex Fluids in Microgravity”

John Layman (P&G) – “PureCycle - Dissolution Recycling of Polyolefins Using Alkane Solvents”

Mark Sivik (P&G) – “Cleaning Clothes in Space and Applications for Consumer Use”

Nicole Westrick (P&G) – “Soft material characterization by Magnetic Resonance Imaging”

Laura Wiley (Kinetic Vision) – “Dynamic Computed Tomography for Product Research and Development”

Session 2 – Local Academic Research

Lydia Kisley (Case Western Reserve University) – “What lies beneath your elution peak: Imaging when and where analytes adsorb to commercial stationary phase particles”

Zac Schultz (The OSU) – “Super resolution Spectral SERS imaging”

Ryan White (UC) – “Probing electrochemistry at the nano/microscale”

Angela Mammana (UD) – “Circular Dichroism study of supramolecular systems”

Kevin Yehl (MU) – “Engineering CRISPR-Cas Biosensors for Environmental and Infectious Disease Monitoring using Nucleic Acid Nanotechnology”

Session 3 – Molecular Microspectroscopy and the Molecular Microspectroscopy Laboratory (MML) [Miami University]

Dave Schiering – “The History and Beginnings of the MML”

Patty Lang – “Molecular Microspectroscopy in Art Conservation and Archeology”

Andy Sommer – “Industrial Collaborations with a Focus on Instrument Development”

James Williams – “Kidney and Eye Disease as Studied by Molecular Microspectroscopy”

Adam Lanzarotta – “Molecular Microspectroscopy aiding the Detection of Counterfeit Drugs”