

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:

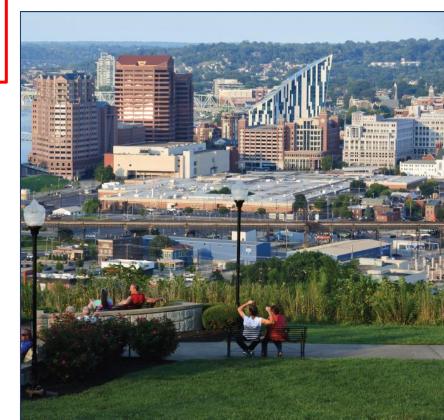
Deadline for Oral Abstract submission – May 16th Deadline for Poster Abstract submission – August 1st

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 I – 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"