

INNOVATIONS IN MASS SPECTROMETRY TO-BE FEATURED AT THE ENVIRONMENTAL MEASUREMENT SYMPOSIUM

AT THE NATIONAL ENVIRONMENTAL MONITORING CONFERENCE (NEMC)

As the leader in environmental analysis, Agilent will be featuring new technologies in chromatography and mass spectrometry, at the National Environmental Monitoring Conference (NEMC) in August. We invite you to join us at the **Environmental Measurement Symposium**.

Agenda

Monday

Academic Research Topics in Environmental Measurement and Monitoring

Session Chairs: *Tarun Anumol, Agilent Technologies and Bob Wyeth, Independent Consultant*

- 9:00 a.m. Chemical Characterization of Indoor Dust by Comprehensive Target and Non-target Screening Using GC- and LC-QTOF-MS/MS
Christoph Moschet, UC Davis
- 9:25 a.m. Simultaneous Quantitative and Qualitative Identification of T transformation Products of Triamcinolone Acetonide by Ozonation Using Liquid Chromatography (LC) Hyphenated with Quadrupole Time-of-flight Mass Spectrometry (Q-TOF-MS)
Minkyu Park, University of Arizona
- 9:50 a.m. 1H NMR and GC-MS Based Metabolomics Revealed Defense and Detoxification Mechanism of Cucumber Plant under Nano-Cu Stress
Lijuan Zhao, University of California, Santa Barbara
- 10:30 a.m. Biogenic Volatile Organic Compounds in the Atmosphere
Alex Guenther, UC Irvine
- 11:00 a.m. Release and Detection of Nanosized Copper from a Commercial Antifouling Paint
Adeyemi Adeleye, University of California, Santa Barbara
- 11:30 a.m. Panel Discussion: The Role of Academic Research in Environmental Regulation
Tarun Anumol, Agilent Technologies, Inc.

Wednesday

Lunch Speaker

- 12:00 p.m. Technology Innovations that Help Improve Routine
- 1:00 p.m. Laboratory Testing for Organic and Inorganic Contaminants in Environmental Samples
Craig Marvin, Agilent Technologies, Inc.

Changing the Paradigm for Water Pollution Monitoring

Session Chairs: *Earl Hansen, The NELAC Institute and David Kennedy, Phenomenex, Inc.*

- 3:30 p.m. Screening for >1,000 Organic Contaminants in Impaired Waters Using High-Resolution Mass Spectrometry
Tarun Anumol, Agilent Technologies, Inc.

Thursday

Operational and Advocacy Issues Impacting the Environmental Laboratory Industry

Session Chair: *Dave Speis, Eurofins QC Laboratories*

- 4:30 p.m. The Inert Flow Path Story: Continuous Improvements in Result Fidelity for Challenging Analytes
Ken Lynam, Agilent Cross Lab Group

Poster

- Monitoring Removal of Metals and Emerging Organic Contaminants Using Novel Magnetic Nanoparticle Adsorbents Using ICP-MS and LC/MS/MS (Poster)
Yuxiong Huang, University of California, Santa Barbara

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