

ICMGP Mercury Measurement Workshop Guiyang, China June-7th

Organized and Sponsored by Tekran Instruments

Eric Prestbo Ph.D., Chief Scientist

PURPOSE

The purpose of the pre-conference workshop is to enhance the opportunity for conference participants to advance their knowledge about ultra-trace analytical mercury measurement methods. The science-based workshop will include an overview of the current analytical mercury science, measurement challenges, and applied research and monitoring examples.

DETAILS

Date / Time Sunday, June 7th / 14:00 to 18:00
Location: International Conference Center, Meeting Room 7

DRAFT AGENDA

- 14:00 Introduction and Workshop Goals
Dr. Eric Prestbo, Tekran Research and Development

- 14:05 Atmospheric Mercury Monitoring in China
Professor Xinbin Feng Ph.D., State Key Laboratory of Environmental Geochemistry, Chinese Academy of Sciences

- 14:20 Atmospheric Mercury – Why Speciation is Important
Automated Atmospheric Mercury Speciation Methods & Quality Assurance
Dr. Eric Prestbo, Tekran Research and Development

- 15:00 Atmospheric Mercury Research Program at Mt. Lulin, Taiwan
Dr. Guey-Rong Sheu, National Central University, Taiwan

- 15:20 Mercury Flux Measurements Methods in Nevada, USA
Dr. Chris Eckley, University Nevada-Reno, Environment Canada

- 15:40 Break for Coffee and Tea

- 16:00 The Importance of Using Trace Metal Clean Techniques
Dr. William Landing, Florida State University, USA

- 16:15 Aquatic Mercury Chemistry Overview – EPA Methods 1631 and 245.7
Automated Analysis of Total Mercury
Dr. Eric Prestbo, Tekran Research and Development

- 16:45 Automated Method for Methyl Mercury – EPA Method 1630
Mr. Lucas Hawkins, Tekran Research and Development

- 17:00 Remote Field Site Mercury Laboratory
Ms. Deborah Armstrong, University of Manitoba, Canada

- 17:15 Mercury Emission Point Source Overview – US Regulatory Summary
Mercury Continuous Emission Monitoring: Challenges and System Description
Mr. Frank Schaedlich, Tekran Research and Development

- 18:00 Adjourn