

Increasing Thruput/Efficiency with FIA

Ultra High Throughput (UHT) Manifolds and MICRODIST



- Intro to Flow Injection
- >100sample/hour
- Reduce Reagent Volume
- 30 Minute Distillation
- EPA Approved

In-line Methods & the 2007 EPA MUR



Surfactants Manifold

- Reduce Sample Prep Time
- What is the MUR?
- EPA Letters outlining acceptable changes under the Method Update Rule

DEENA Automated Sample Digestion System



Totally automates sample digestion for metals & mercury analysis.

- Simple/Reliable
- Standard/Spike Preparation
- Adjusts Sample Volume
- EPA methods

PADWARE 2 for Electronic Reporting



Mahaffey Laboratory

- Electronic reporting of Drinking Water for labs and PWSs certified in Pa

Titration, pH and Conductivity & What's NEW



BE RIGHT EVERYTIME

- Common fixes to problems

New SAC950 and 850 Auto samplers

- 25 positions or 70 positions
- Peristaltic pump
- Beaker cover
- Dynamic Rinse & Waste disposal pump



Spring 2008 What's New Seminar
May 14, 2008



Hosted by: **Dept. of Geography**
Penn State University at University Park PA

Walker Building-Room 319 (P) 814-865-3433
Public Parking available across the street from Walker
Directions: <http://www.campusmaps.psu.edu/print/>

AGENDA

8:30 am - 9:00 am Registration/Continental Breakfast

Take time to have a Danish and coffee as we meet and greet our fellow attendees.

9:0 am- 9:30 am MicroDist and NEW UHT Manifolds

- Introduction to Flow Injection Analysis
- Improving efficiency and decreasing waste on Flow Injection
- MicroDist: Save Time/Save \$\$\$

9:30 am -10:15 am In-line Methods & the 2007 MUR

-In-line methods and the 2007 EPA Method Update Rule.

10:30 am- 11:15 am Thomas Cain, Inc

DEENA Automated Sample Digestion System

-The benefits of automating manual sample preparation

11:15 am- 12 noon Site Seminar

Dr. Erica Smithwick-Associate Professor of Geography

"Spatio-temporal patterns of nitrogen availability in post-fire ecosystems of Yellowstone National Park"

12 noon - 1:00 pm Complimentary Lunch

1:00 pm - 1:45 pm Mahaffey Laboratory

PADWARE 2

-Electronic reporting of Drinking Water for labs and PWSs certified in Pa

1:45 pm - 2:30 pm Titration, pH, Conductivity & What's NEW

- Easy troubleshooting tips, longer life on electrodes, reasons to automate.
- WHAT'S NEW: SAC950 & SAC850 Auto Samplers

Registration

Email: sales@lachatinstruments.com

Call 800-247-7613 ext. 3580 or Fax 414-358-4206

Name(s): _____

Please send information on:

Company: _____

Flow Injection Analysis TOC Titrators

Address: _____

pH Conductivity Electrochemistry

State: _____ Zip Code: _____

DEENA System MicroDist Block Digester

Phone: _____

PADWARE 2 Other Lab Interests _____

Email: _____

I have an immediate need, please call.

Notify me of NEW applications & product updates.