

PITTCON 2010 Technical Program

HORIBA and HORIBA JOBIN YVON

01 MONDAY

POSTER SESSION Sessions

FTIR and Raman-Materials Analysis

10:00 - 4:30 pm with authors present from 1:00 - 3:00 pm Exposition Floor- Gray Area, Hall B4, Aisles 3400-3900

(990-20P) Building a Bridge- Addressing the Fundamental Differences Between Macro- and Micro-analysis in Experimental Design and Data Interpretation of Raman Measurements of Pharmaceutical Tablets

EUNAH LEE, HORIBA Jobin Yvon, Fran Adar, Sergey Mamedov, Andrew Whitley

POSTER SESSION Sessions

ACS Division of Analytical Chemistry Poster Session

10:00 - 4:30 pm with authors present from 1:00 - 3:00 pm Exposition Floor- Blue Area, Hall A2, Aisles 700-1300

(930-26P) Evaluation of Near Infrared Fluorescent Nano-GUMBOS for Biomedical Imaging

DAVID K BWAMBOK, Louisiana State University, Bilal El-Zahab, Santhosh Challa, Min Li, Lin Chandler, Gary Baker, Isiah M Warner

ORAL SESSION Sessions

Fluorescence/Luminescence in Bioanalytical Analysis / Room 206C

4:35(850-8) Novel Time-Resolved Fluorescence Microscope System Using TCSPC and Multi-Frequency Techniques

LIN CHANDLER, HORIBA Jobin Yvon, Jim Mattheis

02 TUESDAY

JAPAN SYMPOSIUM (JAIMA)

The State-of-the-Art Analytical Technology that supports Safety and Security in Future, Room: 207C

4:25-5:00 Optical Spectroscopy for Human Safety through Accurate Screening and Diagnostic Measurement

RENATA LEWANCLOWSKA, HORIBA Jobin Yvon

POSTER SESSION Sessions

Particle Size Measurement

10:00 - 4:30 pm with authors present from 1:00 - 3:00 pm Exposition Floor- Gray Area, Hall B4, Aisles 3400-3900

(1730-10P) Size Measurement and Characterization of Nano/ Particle and Molecules Using Dynamic Light Scattering

SHIGEMI TOCHINO, HORIBA, Ltd., Revillod Guillaume, Makoto Umezawa, Tetsuji Yamaguchi

POSTER SESSION Sessions

Particle Size Measurement

10:00 - 4:30 pm with authors present from 1:00 - 3:00 pm Exposition Floor- Gray Area, Hall B4, Aisles 3400-3900

(1730-29P) The Experimental Study for Reliable Particle Size Measurement Using Dynamic Light Scattering Method

Makoto Umezawa, HORIBA Instruments, Inc., Amy Hou, Satoru Tanaka, Aida Golzar, Julie Chen

03 WEDNESDAY

POSTER SESSION Sessions

Microchips: Bioanalytical Separation and Analysis

10:00 - 4:30 pm with authors present from 10:00 - 12:00 pm Exposition Floor- Blue Area, Hall A2, Aisles 700-1300

(2050-10P) Enhanced Measurements of Chromophoric Dissolved Organic Matter (CDM) for Water Quality Analysis Using a New Simultaneous Absorbance and Fluorescence Instrument

ADAM GILMORE, HORIBA Jobin Yvon

POSTER SESSION Sessions

Environmental: Inorganics in Water

10:00 - 4:30 pm with authors present from 1:00 - 3:00 pm Exposition Floor- Gray Area, Hall B4, Aisles 3400-3900

(2470-12P) From SPRi (Surface Plasmon Resonance Imaging) Affinity Capture Analysis to On-chip MLDI-MS/MS Analyte Identification

KAREN STEEGE, HORIBA Jobin Yvon, Sophie Bellon

ORAL SESSION Sessions

Raman/IR Imaging / Room 307C

8:00(1990-1) Optimization of Raman Mapping-The Relationship Between the Target Feature Size, the Step Size and the Pixel Size of the Map

LIN CHANDLER, HORIBA Jobin Yvon, Jim Mattheis

04 THURSDAY

ORAL SESSION Sessions

Fluorescence/Luminescence for Materials Analysis / Room 311B

8:20(2620-2) NIR Luminescence Microscopy for Nano- and PV-Material Characterization

LIN CHANDLER, HORIBA Jobin Yvon

ORAL SESSION Sessions

XRD-XRF Methodology / Room 206A

8:20(2730-2) New Applications of X-ray Fluorescence Microscope

SERGEY MAMEDOV, HORIBA Jobin Yvon, Eunah Lee, Fran Adar, Andrew Whitley