

PITTCO**N** ORLANDO, FLORIDA
FEBRUARY 28 – MARCH 5
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CONFERENCE & EXPO **2010**




JAIMA
50th
ANNIVERSARY

J JAPAN **S** SYMPOSIUM

March 1 (Mon.)

The State-of-the-Art Analytical Technology
that supports **Safety** and **Security** in Future (I), (II)



JAPAN SYMPOSIUM

PITTCON 2010 SYMPOSIUM

March 1 (Mon.), 2010 Room:207C

Morning Session

The State-of-the-Art Analytical Technology that supports Safety and Security in Future (I)

– arranged by Koichiro Matsuda, Japan Analytical Instruments Manufacturers' Association (JAIMA)

Koichiro Matsuda, JAIMA, Presiding
Takeshi Kawamoto, JAIMA, Co-Presiding

8:00 – 8:05	Introductory Remarks Atsushi Horiba, President of Japan Analytical Instruments Manufacturers' Association (JAIMA)
8:05 – 8:40	Terahertz Technology for Security in Daily Life Masanori Hangyo, Osaka University
8:40 – 9:15	Terahertz Sensing for Label-free Protein Detection Yuichi Ogawa, Tohoku University
9:15 – 9:50	Non-destructive Inspection of Illicit Drugs and Hazardous Substances in Mails using Terahertz Waves Chiko Otani, RIKEN
9:50 – 10:25	A Mass Spectrometric Challenge: Developing a High-throughput Walkthrough Portal for Detecting Improvised Explosive Devices Yasuaki Takada, Hitachi, Ltd.
10:25 – 11:00	DART Mass Spectrometry for Security and Safety Robert B. Cody, PhD, Jeol USA

Afternoon Session

The State-of-the-Art Analytical Technology that supports Safety and Security in Future (II)

– arranged by Koichiro Matsuda, Japan Analytical Instruments Manufacturers' Association (JAIMA)

Koji Suzuki, Keio University, Presiding
Daniel Citterio, Keio University, Co-Presiding

2:00 – 2:05	Introductory Remarks Koji Suzuki, Keio University
2:05 – 2:40	Creation of Chemical Sensors for Improving QOL Koji Suzuki, Keio University
2:40 – 3:15	Analytical Technique and Quality Control for Food Safety Takaho Watanabe, Food and Drug Safety Center, Japan
3:15 – 3:50	Nanomaterials for Developing Portable Environmental and Clinical sensing Devices Osamu Niwa, National Institute of Advanced Industrial Science and Technology
3:50 – 4:25	Using the LCMS IT-TOF for Identification of Steroids and Low-Level Emerging Environmental Compounds Jesse B. Hines, University of Georgia, Formerly of Shimadzu Scientific Instruments Shoji Nakayama, US Environmental Protection Agency
4:25 – 5:00	Optical Spectroscopy for Human Safety through Accurate Screening and Diagnostic Measurement Renata Lewanclovska, HORIBA JOBIN YVON

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