



# ICAS 2011

IUPAC International Congress on Analytical Sciences 2011



# JAIMA SYMPOSIUM

May 24 (Tue.)

The State-of-the-Art Analytical Technology  
that supports **Safety** and **Security**



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ICAS 2011

May 24 (Tue.), 2011 Room: A

Afternoon Session

## The State-of-the-Art Analytical Technology that supports Safety and Security

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

Koichiro Matsuda, JAIMA, Presiding

Takeshi Kawamoto, JAIMA, Co-Presiding, Yoshiyuki Hirabayashi, JAIMA, Co-Presiding

Kozaburo Kawanishi, JAIMA, Co-Presiding, Mitsuru Inoue, JAIMA, Co-Presiding, and Ryozyo Goto, JAIMA, Co-Presiding

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- 14:30 – 14:35 **Introductory Remarks,**  
President of Japan Analytical Instruments Manufacturers' Association (JAIMA)
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- 14:35 – 15:05 <Keynote>  
**Terahertz Technology for Security in Daily Life**  
Masanori Hangyo, Osaka University
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- 15:05 – 15:30 <Invited>  
**Handy Terahertz Camera for Real-Time Imaging,**  
Naoki Oda, NEC Corporation
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- 15:30 – 15:55 **Non-destructive Inspection of Illicit Drugs and Hazardous Substances in Mails using Terahertz Waves,**  
Chiko Otani, RIKEN
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- 15:55 – 16:05 **Recess**
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- 16:05 – 16:25 **X-ray Fluorescence Spectrometry for Analysis of Hazardous Elements in Soils,**  
Hisashi Homma, Hisashi Inoue, and Yasujiro Yamada, Rigaku Corporation
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- 16:25 – 16:45 **Applications of High Performance Liquid Chromatography to Pharmaceuticals and Foodstuffs,**  
Hiroaki Nakagawa, Hitachi High-Technologies Corporation
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- 16:45 – 17:05 **Health, Safety, and Security: The Pivotal Roles Played by Horiba Jobin-Yvon's Optical Instrumentation,**  
Adam M. Gilmore, HORIBA Jobin Yvon, Inc.
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- 17:05 – 17:15 **Recess**
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- 17:15 – 17:35 **DART Mass Spectrometry for Security and Safety,**  
Robert B. Cody, Jeol USA
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- 17:35 – 17:55 **Application of Nanotrap Sample Complexity Reduction to Disease Biomarkers and Food Safety,**  
Robert Buco, Brian Field, Jeff Dahl, Scott Kuzdzal, Shimadzu Scientific Instruments Inc.,  
Ben Lepene, Ceres Nanosciences Inc.
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- 17:55 – 18:00 **Closing Remarks,**  
Shigeru Terabe, Chairman of ICAS
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Japan Analytical Instruments Manufacturers' Association

Sakura Bldg. 3<sup>rd</sup> Floor, 10-1 Kanda Nishiki-cho, 1-chome, Chiyoda-ku, Tokyo, 101-0054, Japan

Phone: +81-3-3292-0642 Fax: +81-3-3292-7157 E-mail: [webmaster@jaima.or.jp](mailto:webmaster@jaima.or.jp)

<http://www.jaimasis.jp>

The Japan Society for Analytical Chemistry

1-26-2 Nishigotanda, Shinagawa-ku, Tokyo, 141-0031 Japan

Phone: +81-3-3490-3351 Fax: +81-3-3490-3572 E-mail: [analytsci@jsac.or.jp](mailto:analytsci@jsac.or.jp)

<http://www.jsac.or.jp/indexeng.html>