

Scientific Program

January 23 (Monday) 9:30am - 11:30am

Opening Session 1

Chairpersons: H. Hatano, J. F. K. Huber, F. W. Karasek and H. M. McNair

0.01#The Thirty Five Years of The Research Group of Liquid Chromatography in Japan

Progress in Chromatography and Electrophoresis for Technological Analysis: Chemical Speciation and Characterization

H. Hatano

International Institute of Technological Analysis, Kyoto, Japan

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0.02#Ultra-Efficient Packed Columns in Liquid Chromatography with More Than 100,000 Theoretical Plates: Preparation, Rating and Application

J. F. K. Huber

Institute of Analytical Chemistry, University of Vienna, Vienna, Austria

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0.03#GC/MS Results of Inhibition of Dioxin Formation in Incinerator Testing

F. W. Karasek

University of Waterloo, Waterloo, Canada

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0.04#Capillary Zone Electrophoresis for Polyimides and Polyamides Composition Analysis

H. M. McNair and X. Sun

Virginia Polytechnic Institute and State University, Blacksburg, VA, USA

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Discussion Leaders: S. C. Rutan, Y. Hayashi and V. L. McGuffin

A.01#Chemometric Methods for Improvement of Fluorescence Detection Methods in Thin-Layer and Liquid Chromatography

S. C. Rutan, M. Gui, A. Agbodjan, R. B. Poe, J. Pompano,

E. Scharnhorst and J. Chen

Virginia Commonwealth University, Richmond, VA, USA

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A.02#1/f Noise and Measurement Precision in Analytical Instruments <i>Y. Hayashi and R. Matsuda</i> <i>National Institute of Health Sciences, Tokyo, Japan</i>	35
A.03#Three-Dimensional Computer Simulation of Chromatographic and Electrophoretic Separations <i>V. L. McGuffin, P. Wu and D. L. Hopkins</i> <i>Michigan State University, East Lansing, MI, USA</i>	45
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B.02# Highly Sensitive and Simple Liquid-Chromatographic Determination in Plasma of Vitamin B6 and Its Derivatives, Especially Pyridoxal-5'-phosphate <i>M. Kimura, K. Kanehira and K. Yokoi</i> <i>Graduate School of Medicine, Kyoto University, Kyoto, Japan</i>	111
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University of Turin, Torino, Italy* 527

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T. A. Maryutina, P. S. Fedotov and B. Ya. Spivakov
Vernadsky Institute of Geochemistry and Analytical Chemistry, Russian Academy of Science, Moscow, Russia 623

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Discussion Leaders: S. Wilson, T. Takeuchi and O. Shirota

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S. Wilson
Fisons Biotech MS, Cheshire, UK 751
- I.02# HPLC with Small-Dead-Volume Switch Valve
O. Shirota, A. Suzuki, T. Kanda, Y. Ohtsu and M. Yamaguchi
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- I.03* Analysis
H. Murakita and K. Sumiyosi
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National Institute for Resources and Environment, Tsukuba, Japan
A. Itoh, T. Vmemura and H. Haraguchi
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- I.05* Stationary Phases for Direct Analysis of Drug-Containing Serum and Plasma by High-Performance Liquid Chromatography
T. Kanda, Y. Ohtsu and M. Yamaguchi
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