CJK symposium2013 Program (Main Hall) August 23

Opening remark 9:00 to 9:10, by Chair of the CJK 2013 Symposium, Dr. Hiroshi Sato

Session 1, Plenary Talk 9:10 to 11:10 Chair Toshihiko Imato, Jin-Ming Lin, Jaeho Ha

	Period	Lecture Title	Invited Speaker	Affiliation
PL1	9:10-9:30	Cell Manipulation by Protein Expression for Highly Selective Uptake of Metal Species	Jianhua Wang	Northeastern University
PL2	9:30-9:50	Preparation of temperature responsive membrane for the control of liquid permeability using multi-capillary plate	Katsumi Uchiyama	Tokyo Metropolitan University
PL3	9:50-10:10	Development of the VOC emission test chamber for unit component-based automotive interior trim	Man-Goo Kim	Kangwon National University
PL4	10:10-10:30	Research on Cytotoxicity of Quantum Dots and Its Influential Factors Based on Microfluidic Chip	Jin-Ming Lin	Tsinghua University
PL5	10:30-10:50	Nanocarbon materials based electrodes for electrochemical biosensor application	Osamu Niwa	AIST,MES-AFTY
PL6	10:50-11:10	Flavor analysis and its importance in food industry	Jaeho Ha	Korea Food Research Institute

Session 2, Invited Talk 11:20 to 12:20 Chair Yi Chen, Man-Goo Kim

IO1	11:20-11:35	pH-controlled drug delivery and sustained-release	Cheng Zhi Huang	Southwest University
IO2	11:35-11:50	A novel fractionized sampling and stacking strategy for online solid-phase-based extraction coupled with ultra-high performance liquid chromatography for ultrasensitive analysis	Li Gongke	Sun Yat-sen University
IO3	11:50-12:05	Separation and Enrichment of Rare Earth Elements by Multistep pH-Peak-Focusing Countercurrent Chromatography with a Polyethylene Glycol-Salt Aqueous Two-Phase System	Masami Shibukawa	Saitama University
IO4	12:05-12:20	Gas phase chemiluminescence detection for ultra-trace field analysis: arsenic and selenium in drinking water and dimethyl sulfide in oceanic and limnological water	Kei Toda	Kumamoto University

Session 3, Invited Talk & Oral Presentation 13:30 to 15:00 Chair Kazuaki Ito, Li Gongke, Chang Zhi Huang

IO5	13:30-13:45	Chiral resolution on photonic crystal columns	Yi Chen	Chinese Academy of Sciences

IO6	13:45-14:00	Zwitterionic Monolithic Columns for Capillary Ion Chromatography	Lee Wa Lim	Gifu University
IO7	14:00-14:15	Bioinspired, Versatile, Ultralight N-doped Graphene Foam	Xi Chen*, Luo Feng	Xiamen University, Fujian Research Institute of Metric Science
IO8	14:15-14:30	Sample pretreatment for iodine detection in food-related samples	Kazuaki Ito	Kinki University
O1	14:30-14:45	Determination of vitamin B12 in infant formula and serial based baby food	Jang-Hyuk Ahn	Namyang Dairy Company
O2	14:45-15:00	Investigating electron-transfer processes using a biomimetic hybrid bilayer membrane system	Wei Ma	East China University of Science and Technology

Session 4, Invited Talk & Oral Presentation 16:00 to 18:00 Joon Myong Song, Hai-Long Wu, Xi Chen,

IO9	16:00-16:15	What is Analytical Chemistry?	Dong-Sun Lee	Seoul Women's University
IO10	16:15-16:30	CCS and the Chemistry World	Suping Zheng	CCS
IO11	16:30-16:45	Using smart multiway calibration methods for direct quantitative analysis in complicated chemical systems	Hai-Long Wu	Hunan University
IO12	16:45-17:00	Chromatographic strategy for determining volatile chemical warfare agents and related compounds	Yasuo Seto	National Research Institute of Police Science
O3	17:00-17:15	Nanoliter immunoassay based on capillary immune microreactor and inkjet injection technology	Jianmin Yang	Tokyo Metropolitan University
O4	17:15-17:30	A multi-substrate fluorometric assay for HIV-1 protease activity and its application in drug resistance detection	Qinchang Zhu*,Masaaki Kai	Nagasaki University
O5	17:30-17:45	High-content Breast Cancer Diagnosis Using Single Cell Imaging Cytometry	Joon Myong Song	Seoul National University
IO13	17:45-18:00	Continuous automotive exhaust particle size and components measurement using aerosol mass spectrometer	Kenichi Akiyama	Japan Automotive Research Institute

Session 5, Invited Talk 9:00 to 10:45 Chair Kinichi Tsunoda, Huangxian Ju, Jianhua Wang

IO14	9:00-9:15	Aquatic Analysis of Bromate Ion and Perfluorinated Surfactants on the Basis of Photometric Detection for Environmentally Friendly Analysis	Toshio Takayanagi	The University of Tokushima
IO15	9:15-9:30	A simple and sensitive assay method for labetalol by its interaction with cucurbit[7]uril-palmatine complex	Huangxian Ju	Nanjing University
IO16	9:30-9:45	Characteristics of liquid-core/liquid-cladding optical waveguides as studied by computational fluid dynamics	Kinichi Tsunoda	Gunma University
IO17	9:45-10:00	Biological tissue analysis using MS images with mass microscope	Yuki Hashi	Shimazu China Co., Ltd.
IO18	10:00-10:15	Optical Sensing System Composed of an Organic Light Emitting Diode and an Organic Thin Film-Based Photodiode for Flow Analysis on Microchips	Toshihiko Imato	Kyushu University
IO19	10:15-10:30	Rapid determination of molybdenum and uranium in seawater by flow injection analysis using spectrophotometric detection coupled with on-line preconcentration	Koichi Oguma	Chiba University
IO20	10:30-10:45	A diffusion scrubber based flow injection spectrophotometry for the determination of breath acetone	Norio Teshima	Aichi Institute of Technology

Session 6, Oral Presentation 11:00 to 12：15 Chair Dong-Sun Lee, Yasuo Seto,

O7	11:00-11:15	Analysis of Trimethylamine and Volatile Compounds using SPME, INME and HS-WC-ME in Fish	Sunyoung Bae*, Ye Jin Bang	Seoul Women's University
O8	11:15-11:30	Effective liquid chromatographic separation of polycyclic aromatic hydrocarbons by a C_{60}-fullerene coated capillary column	Takuya Kubo	Kyoto University
O9	11:30-11:45	An indirect competitive fluorescence immunoassay for determination of bisphenol A in water samples	Suqing Zhao	Guangdong University of Technology
O10	11:45-12:00	Determination of arsenic speciation in rice grain by IC-ICP-MS	Cheong-Tae Kim	Nongshim Co., Ltd.

P:Plenary, IO:Invited oral presentation, O:General oral presentation

Poster Session 2, CJK Symposium 2013 Poster Presentation, August 23 15:00 to 16:00

	Presentation Title	Presenter	Affiliation
IP1	Development of wide use GC-MS database for non-target analysis	Kiwao Kadokami	The University of Kitakyushu
P1	One-pot hydrothermal synthesis of graphene-nickel nanocomposite for highly selective purification of polyhistidine-tagged proteins	Xuwei Chen	Northeastern University
P2	Esterified egg-shell membrane as a novel green sorbent for highly selective uptake of arsenate and speciation of inorganic arsenic	Ming-Li Chen	Northeastern University
P3	Quantification of formaldehyde in mixture of gases by the bacteria on MP2 culture medium by GC-MSD	Okkyung Choi, Yunje Kim*	Korea Institute of Science and Technology
P4	The analytical applications of multifunctional carbon nanomaterials	Shu Jun Zhen	Southwest University
P5	Assemblies and applications of gold nanorods	Jian Wang	Southwest University
P6	Rapid synthesis of highly luminescent and multi-fuctional Au20 nanoclusters for target imaging from in vitro to in vitro	Pu Zhang / Cheng Zhi Huang	Southwest University
P7	DNA-templated silver nanocluster as a label-free fluorescent probe for detection of bleomycins	Yong Chang / Cheng Zhi Huang	Southwest University
P8	In-line sample pretreatment for ionic solute analysis by means of electrodialytic ion transfer device	Shin-ichi Ohira	Kumamoto University
P9	Rate constants of hypochlorite decomposition and chlorate formation in sodium hypochlorite solutions	Akira Tanaka	Kumamoto University
P10	Quantum dots-based immunosorbent method for the quantitative determination of bisphenol A	Suqing Zhao	Guangdong University of Technology
P11	Study of protein-protein interactions by capillary electrophoresis with UV absorbance and laser-induced fluorescence detection	Xing-Zheng Wu	Fukuoka Institute of Technology
P12	Research on the essential oil of Alpinia speciosa grown in Nagasaki Prefecture	Hiroshi Sato	Nagasaki International University
P13	Rapid method for determination of anthocyanin glucosides and free delphinidin in grape using u-HPLC	You-Shin Shim	Korea Food Research Institute
P14	Comparison of phosphorous analytical values using ICP-OES and molybdovanadophosphate colorimetric assay	Jinbong Hwang	Korea Food Research Institute
P15	Determination of urushiol isomers by gas chromatography mass spectrometry	Dongwon Seo	Korea Food Research Institute

P16	Determination of nitropolycyclic aromatic hydrocarbons in water samples	Chondo Yvonne	Kanazawa University
P17	Atomospheric polycyclic aromatic hydrocarbons in Noto Peninsula, Japan from 2004	Mariko Hakamata	Kanazawa University
P18	Characteristics of Hydrochar generated from Food Waste	Min-Seon Choi* Sunyoung Bae	Seoul Women's University
P19	Accelerated enzyme-linked immunosorbent assay on multicapillary glass-assembled microfluidic chamber	Shuhua Xue	Tokyo Metroporitan University
P20	Development of LED-induced fluorescence analysis system using compact disk-type microfluidic device and its application to ELISA	Kazuhiro Morioka	Tokyo Metroporitan University
P21	3D Multifunctional N-doped Graphene Foam Inspired by Nature Mussel	Song Xinhong*	Xiamen University
P22	Liquid chromatography with a gaseous stationaly phase	Keisuke Nakamura	Saitama University
P23	Analysis of centrifugal force-driven filling flow into rotating spiral microchannels	Ying Chen	Kyushu University
P24	Metabolic flux analysis by GC/TOF-MS	Kyumgmin Lee, Yunje Kim*	Korea Institute of Science and Technology
P25	Development of dispersed solid phase extraction and LC-ESI-MS/MS method for inositol in infant formula	Jang-Hyuk Ahn	Namyang Dairy Company

IP:Invited Poster P:General Poster