

1st Asian Symposium on Analytical Sciences

Program (17~19/Sept/2014)

17th (Wed) Morning

9:25-9:30 Opening Address Norio TERAMAE, President of JSAC (寺前紀夫, 会長)

Chair : Koji SUZUKI (鈴木孝治)

9:30-10:10 Plenary Lecture

Xin WU, Xuan-Xuan CHEN, Zhan CHEN, Qian Zhang, Bing-Nan SONG, Yun-Bao JIANG, Xiamen Univ. (江 云宝, 厦門大学) (PL-1)

Chiral Sensing using Aggregates of Achiral Dyes

Chair: Naoya NISHI (西 直哉)

10:10-10:40 Keynote Lecture

Aijun TONG, Yu XIANG, Kai LI, Lu PENG, Panshu SONG, Tsinghua Univ. (童 愛軍, 清華大学) (K-01)

Photoresponsive Molecules of Metal-Rhodamine B Derivative Complexes and Fluorescent Chemosensors Based on Aggregate Induced Emission

10:40-11:05 Invited Lecture

Moritoshi SATO, The Univ. of Tokyo (佐藤守俊, 東京大学) (I-02)

New Prospect for Bioanalytical Chemistry

Chair : Akihide HIBARA (火原彰秀)

11:05-11:30 Invited Lecture

Singo SAITO, Kazuki Hirose, Keitaro Yoshimoto, Masami Shibukawa, Saitama Univ. (齋藤伸吾, 埼玉大学) (I-03)

Selection of DNA Aptamer for Bacterial Cells using Polymer-enhanced Capillary Transient Isotachophoresis

11:30-11:55 Invited Lecture

Naoya NISHI, Kyoto Univ. (西 直哉, 京都大学) (I-04)

Structure Analysis of the Ionic Liquid Interfaces using Interface-selective Spectroscopies

17th (Wed) Afternoon

Chair : Katsumi UCHIYAMA (内山一美)

13:00-13:40 Plenary Lecture

Jin-Ming LIN, Chen LUO, Yangdong Zhang, Fengming CHEN, Katsumi UCHIYAMA, Tsinghua Univ. (林 金明, 清華大学) (PL-2)

Generation of Droplets of Liquid for Mass Spectrometry

Chair : Shigeru WATANABE (渡辺 茂)

13:40-14:05 Invited Lecture

Akihide HIBARA, Tokyo Institute of Technology (火原彰秀, 東京工業大学) (I-05)

Micro/Nanoscale Liquid Operations and Analytical Sciences

14:05-14:30 Invited Lecture

Keitaro YOSHIMOTO, The Univ. of Tokyo (吉本敬太郎, 東京大学) (I-06)

Cell-based Analysis and Cell Diagnostics using Polymer Chemistry

Break

Chair : Takeshi HASEGAWA (長谷川 健)

14:50-15:30 Plenary Lecture

Lehui LU, Yanlan LIU, Kelong AI, Changchun Institute of Applied Chemistry, CAS (逯乐慧, 中国科学院・長春応用化学研究所) (PL-3)

Nanoparticulate X-ray Computed Tomography Imaging probe

15:30-16:00 Keynote Lecture

Satoshi TSUKAHARA, Osaka Univ. (塚原 聡, 大阪大学) (K-07)

Surface Tension Determination through Microscope Measurements of Resonance Oscillation of Small Liquid Surface Using Periodic External Forces

Chair : Satoshi TSUKAHARA (塚原 聡)

16:00-16:30 Keynote Lecture

Shigeru WATANABE, Kochi Univ. (渡辺 茂, 高知大学) (K-08)

Sensitive and Selective Optical Nanosensors Based on Gold Nanoparticles

16:30-17:00 Keynote Lecture

Takeshi HASEGAWA, Kyoto Univ. (長谷川 健, 京都大学) (K-09)

IR Spectroscopic Study of Perfluoroalkyl Compound-specific Molecular Aggregation Structures

18th (Thu) Morning

09:30-10:10 Plenary Lecture (Cancelled)

Chair : Xing-Zheng WU (呉 行正)

10:10-10:40 Keynote Lecture

Yang TIAN, East China Normal Univ. (田 陽, 華東師範大学) (K-10)

Bioimaging and Biosensing of Reactive Oxygen Species and Beyond

10:40-11:10 Keynote Lecture

Masaharu NAKAYAMA, Ayu SATO, Kimiko NAKAGAWA, Yamaguchi Univ. (中山雅晴, 山口大学) (K-11)
Effective and Selective Sorption of Iodide by an Electrodeposited Film of Organo-Manganese Oxide

Chair : Masaharu NAKAYAMA (中山雅晴)

11:10-11:35 Invited Lecture

Hirosuke TATSUMI, Yui TSUCHIYA, Koichi SAKAMOTO, Shinshu Univ. (巽 広輔, 信州大学) (I-12)

Sensitive Electrochemical Measurement of Hydroxyl Radical Generation Induced by the Xanthine-Xanthine Oxidase System

11:35-12:00 Invited Lecture

Kazuhiko FUJIWARA, Nobuaki OGAWA, Akita Univ. (藤原一彦, 秋田大学) (I-13)

Localized Surface Plasmon Resonance Sensor with Light Scattering Detection for Label-free Biomolecule Sensing

19th (Fri) Morning

Chair : Toshio TAKAYANAGI (高柳俊夫)

09:30-10:00 Keynote Lecture

Lihua ZHANG, Dalian Institute of Chemical Physics, CAS (張 麗華, 中国科学院・大連化学物理研究所) (K-14)
Mass Defect-based Pseudo-isobaric Labeling Methods for Proteome Quantification

Chair : Kazuma MAWATARI (馬渡和真)

10:00-10:25 Invited Lecture

Shinya KITAGAWA, Tomohiko HIRANO, Hajime OHTANI, Nagoya Institute of Technology (北川慎也, 名古屋工業大学) (I-15)

Development of Highly Efficient Polymer Monolithic Column with Low Flow Resistance for HPLC

10:25-10:50 Invited Lecture

Yukihiro ESAKA, Hiroya MURAKAMI, Ryohei OSAKO, Bunji UNO, Masaki TORIMURA, Yasushi ISHIHAMA, Takeshi HIROKAWA, Gifu Pharmaceutical Univ. (江坂幸宏, 岐阜薬科大学) (I-16)

Development of CE Focussing-ESI-MS Methods for Highly Sensitive Detection of Damaged Nucleotides

Chair : Shinya KITAGAWA (北川慎也)

10:50-11:20 Keynote Lecture

Toshio TAKAYANAGI, The University of Tokushima (高柳俊夫, 徳島大学) (K-17)

Equilibrium Analysis by Capillary Zone Electrophoresis - Its Characteristics and Advantages

11:20-11:45 Invited Lecture

Kazuma MAWATARI and Takehiko KITAMORI, The Univ. of Tokyo (馬渡和真, 東京大学) (I-18)

Integration of Immunoassay into extended-nanospace for single cell and single molecule analysis

11:45-11:50 Closing Address Katsumi UCHIYAMA, Vice President of JSAC (内山一美, 副会長)

1st ASAS Time Table, 第 1 回アジア分析科学シンポジウムタイムテーブル

2014.9.17 午前

Time	9:25~30	9:30~10:10	10:10~10:40	10:40~11:05	11:05~11:30	11:30~11:55
Event	Opening Address	Plenary Lecture (PL-01)	Keynote Lecture (K-01)	Invited Lecture (I-02)	Invited Lecture (I-03)	Invited Lecture (I-04)
Speaker	Norio Teramae 寺前紀夫	Yun-Bao Jiang 江 云宝	Aijun Tong 董 愛軍	Moritoshi Sato 佐藤守俊	Shingo Saito 斎藤伸吾	NaoyaNichi 西 直哉
Chair	-	Koji Suzuki 鈴木孝治	Naoya Nishi 西 直哉	←	Akihide Hibara 火原彰秀	←

2014.9.17 午後

Time	13:00~13:40	13:40~14:05	14:05~14:30	14:30~14:50	14:50~15:30	15:30~16:00	16:00~16:30	16:30~17:00
Event	Plenary Lecture (PL-02)	Invited Lecture (I-05)	Invited Lecture (I-06)	Break	Plenary Lecture (PL-03)	Keynote Lecture (K-07)	Keynote Lecture (K-08)	Keynote Lecture (K-09)
Speaker	J-M. Lin 林 金明	Akihide Hibara 火原彰秀	Keitaro Yoshimoto 吉本敬太郎		Lehui Lu 逯 乐慧	Satoshi Tsukahara 塚原 聡	Shigeru Watanabe 渡辺 茂	Takeshi Hasegawa 長谷川 健
Chair	Katsumi Uchiyama 内山一美	Shigeru Watanabe 渡辺 茂	←		Takeshi Hasegawa 長谷川 健	←	Satoshi Tsukahara 塚原 聡	←

2014.9.18 午前

Time	9:30~10:10	10:10~10:40	10:40~11:10	11:10~11:35	11:35~12:00
Event	Plenary Lecture (PL-04)	Keynote Lecture (K-10)	Keynote Lecture (K-11)	Invited Lecture (I-12)	Invited Lecture (I-13)
Speaker	cancelled	Yang TIAN 田 陽	Masaharu Nakayama 中山雅晴	Hirosuke Tatsumi 巽 広輔	Kazuhiko Hujiwara 藤原一彦
Chair		Xingzeng Wu 吳 行正	←	Masaharu Nakayama 中山雅晴	←

2014.9.19 午前

Time	9:30~10:00	10:00~10:25	10:25~10:50	10:50~11:20	11:20~11:45	11:45~11:50
Event	Keynote Lecture (K-14)	Invited Lecture (I-15)	Invited Lecture (I-16)	Keynote Lecture (K-17)	Invited Lecture (I-18)	Closing Address
Speaker	Lihua Zhang 張 麗華	Shinya Kitagawa 北川慎也	Yukihiko Esaka 江坂幸宏	Toshio Takayanagi 高柳俊夫	KazumaMawatari 馬渡和真	Katsumi Uchiyama 内山一美
Chair	Toshio Takayanagi 高柳俊夫	KazumaMawatari 馬渡和真	←	Shinya Kitagawa 北川慎也	←	