

Chemistry Session

Abstract No.	Time	Presented by	Affiliation	Title	Authors	page No.
Plenary Lecture: October 13 at the University Library Hall						
CO-01	14:45 - 15:20	Byoung-Yong Chang	Pukyong National University	Development of a real-time monitoring system for electrochemical impedance spectroscopy	Byoung-Yong Chang	17
Oral presentations: October 12 at Advanced Education and Research Building G, Room G415						
Chair person : Kenji Maruyama (Niigata University)						
CO-02	10:00	Shuchen Hsieh	National Sun Yat-sen University	Molecular Assemblies Controlled Chemical and Nanomechanical Properties	Shuchen Hsieh	18
CO-03	10:20	Pei-Ying Lin	National Sun Yat-sen University	Design of Green Materials Using Chemical Techniques Apply in Biological Uses	Pei-Ying Lin	19
CO-04	10:35	Yoshiki Ishii	Niigata University	Thermal Conductivity of Molten Salt Mixtures by MD Simulation	Yoshiki Ishii, Takuya Ono, Keisuke Sato, Naoto Suemasa, Norikazu Ohtori, Mathieu Salanne, Paul A. Madden	20
CO-05	10:50	Jingshuai Yang	Northeastern University	High Temperature Proton Exchange Membranes Based on Polybenzimidazoles for Fuel Cells	Jingshuai Yang, Ronghuan He	21
CO-06	11:05	Takuya Omori	Niigata University	Magnetoconductance in Organic Solar Cells with Layered Pentacene/C ₆₀	Takuya Omori, Tomoaki Miura, Yuji Yamaguchi, Ken-ichi Nakayama and Tadaaki Ikoma	22
Lunch Break 11:20-13:20						
Chair person : Yoshihiro Matano (Niigata University)						
CO-07	13:20	Hon-Man Lee	National Changhua University of Education	Rational Design of Imidazole Derivatives to Achieve Abnormal and Normal Palladium Carbene Complexes and CX-type Palladacycles (X = C, N).	Hon-Man Lee and Jhen-Yi Lee	23
CO-08	13:40	Gary Jing Chuang	Chung Yuan Christian University	Cooperative Effect of Two Metals: CoPd(OAc) ₄ Catalyzed C-H and Olefin Amination	Guan-Hao Huang, Jian-Min Li, Jing-Jyun Huang, Gary Jing Chuang	24
CO-09	14:00	Ming-Jung Wu	National Sun Yat-sen University	Transition Metal-Catalyzed C-H Activation and Cyclization Reactions to Some Pharmaceutical Interested Molecules	Cheng-Han Lin, Hung-Chou Wu and Ming-Jung Wu	25
CO-10	14:20	Hui-Ling Sung	National Taiwan Normal University	Synthesis and Reactivity of Ruthenium Complexes Containing Indenyl Group	Hui-Ling Sung and Tze-Min Her	26
Coffee Break 14:40-14:50						
Chair person : Satoshi Usui (Niigata University)						
CO-11	14:50	Evelyn Cuevas Creencia	Mindanao State University	Green Chemistry and Its Application to Simple Organic Reactions	Evelyn Cuevas Creencia	27
CO-12	15:10	Ramon Mondejar Eduque, Jr.	Mindanao State University	Microwave-assisted Fischer Indole Synthesis of 1,2,3,4-Tetrahydrocarbazole Using Pyridinium-based Ionic Liquids	Ramon M. Eduque, Jr. and Evelyn C. Creencia	28
CO-13	15:25	Ivy Lapetaji Librando	Mindanao State University	Microwave-assisted Preparation of 1-Methylimidazolium-based Ionic Liquids and their Use in the Fischer Indole Synthesis of 1,2,3,4-Tetrahydrocarbazole	Ivy L. Librando and Evelyn C. Creencia	29
Coffee Break 15:40-15:50						
Chair person : Tomoaki Miura and Ko Furukawa (Niigata University)						
	15:50-15:55	Eietsu Hasegawa	Niigata University	Opening remarks of Green Chemistry Symposium		
CO-14	15:55	Hisao Murai	Shizuoka University	Time-Resolved EPR Study on the Triplet State of an Electron-Donor-Acceptor Complex Formed in the System of <i>fac</i> -Tris[2-(4-octyl-phenyl) pyridine] iridium(III) and Tetracene	Zhebin Fu, Hisao Murai	30
CO-15	16:25	Matvey Fedin	International Tomography Center	Copper-nitroxide Based Thermo/photo-switchable Molecular Magnets: an ESR Study	M. Fedin, S. Veber, I. Drozdzyk, K. Maryunina, E. Tretyakov, V. Ovcharenko, E. Bagryanskaya	31
	16:55-17:00	Shiro Matsuoka	Niigata University	Closing remarks		
Poster presentations: October 13 at the University Library Lounge						
CP-01	10:00-12:00	Chun-Chi Chen	National Sun Yat-sen University	Direct Monitoring of Chemical Transformations by DHB@MNP-assisted Thin Layer Chromatography-Matrix Assisted Laser Desorption/Ionization Mass Spectrometry	Chun-Chi Chen, Yung-Lin Yang, Chun-Lin Ou, Chih-Hung Chou, Chih-Chuang Liaw and Po-Chiao Lin	32
CP-02	10:00-12:00	Tatsuro Shirota	Niigata University	Development of Matrix-assisted Laser Desorption/Ionization Time-of-flight Mass Spectrometer (MALDI-TOF-MS) with Near-infrared Femtosecond Laser Pulses	T. Shirota, Y. Hikosaka, K. Soejima and K. Hoshina	33
CP-03	10:00-12:00	Naoto Suemasa	Niigata University	Thermal Conductivity of Molecular Liquid	Naoto Suemasa, Yoshiki Ishii, Takuya Oono and Norikazu Ohtori	34
CP-04	10:00-12:00	Meng-Chieh Ho	National Changhua University of Education	Microenvironment of Nanosize Water Droplet	Meng-Chieh Ho, Chih-Wei Chang	35
CP-05	10:00-12:00	Yow-Fu Tsai	Chung Yuan Christian University	A Novel Fluoride-Responsive Low-Molecular-Weight Gelators Based on Glycolipid with (+)- β -Hydroxyfatty Acid Moiety	Yow-Fu Tsai, Wei-Tsung Chuang and Cheng-Che Tsai	36

Abstract No.	Time	Presented by	Affiliation	Title	Authors	page No.
CP-06	10:00-12:00	Yu-Ting Wu	National Cheng-Kung University	A Facile Template-Free Method to Prepare Mesoporous Metal Silicates	Yu-Ting Wu, Yun-Ying Chen, Yi-Ting Lu and Hong-Ping Lin	37
CP-07	10:00-12:00	Ming-Hua Bai	Northeastern University	Electrochemical Syntheses of Nanocomposites of Polyaniline and Vanadium Oxide	Ming-Hua Bai, Xiao-Xia Liu	38
CP-08	10:00-12:00	Tze-Min Her	Lunghwa University of Science and Technology	Reaction of Ruthenium Vinylidene Complexes with Organic Compounds	Tze-Min Her and Hui-Ling Sung	39
CP-09	10:00-12:00	Saki Arai	Niigata University	One-pot Transformation of Epoxy Ketones to Hydroxy Ketones by Sequential Treatment with Boron Trifluoride and Benzimidazolines	Saki Arai, Eietsu Hasegawa	40
CP-10	10:00-12:00	Ping-Syun Yang	National Sun Yat-sen University	Design of Anticancer Agents Based on Isoquinoline Alkaloids Containing Pyrazino[2,1-b]quinazoline-3,6-diones Structure	Ping-Syun Yang and Chi-Wi Ong	41
CP-11	10:00-12:00	Tohru Oishi	Kyushu University	Synthesis of the C31-C67 Part of Amphidinol 3	Tohru Oishi and Makoto Ebine	42
CP-12	10:00-12:00	Hisaaki Onoue	Kyushu University	Synthetic Study of the QRS Ring System of Maitotoxin	Hisaaki Onoue, Tomomi Baba, Kohei Torikai, Makoto Ebine and Tohru Oishi	43
CP-13	10:00-12:00	Motoki Horita	Niigata University	Synthesis of Poly-nuclear Manganese Complexes Bridged by Glycine	Motoki Horita, Yasuhiko Yukawa	44
CP-14	10:00-12:00	Daisuke Sato	Niigata University	Extraction Behavior of Nb and Ta with Aliquat 336 in HF Solution	D. Sato, M. Murakami, K. Ooe, S. Goto, H. Kudo	45