2018 分子科學前沿兩岸四方聯合交流會

2018 Cross-Strait Quadrilateral Workshop on Frontiers of Chemistry

Oct 24-25, 2018 **Ta-shue Chou Memorial Hall** Institute of Chemistry, **Academia Sinica**





College of Chemistry and Molecular Engineering

INSTITUTE OF CHEMISTRY
CHINESE ACADEMY OF SCIENCES

Oct 24 (Wednesday)

08:30-14:00	Registration	
09:00-09:05	Welcome Address	
	Director Yu-Ju Chen 陳玉如所長 (Academia Sinica)	
09:05-09:10	Guest Address	
	Director Deqing Zhang 張德清所長 (Chinese Academy of Sciences)	
N	loderator: Professor Yu-Tai Tao 陶雨臺教授 (Academia Sinica)	
09:10-09:40	Modification of Side Chains of Conjugated D-A Polymers for Charge Mobility	
	Enhancement and Sensing Functionality	
	Professor Deqing Zhang 張徳清教授 (Chinese Academy of Sciences)	
00.40 10.10	Macrocyclic Ligands Derived from Open-cage [60]Fullerenes	
09:40-10:10	Professor Liangbing Gan 甘良兵教授 (Peking University)	
10:10-10:30	Break	
N	loderator: Professor Chih-Hsiu Lin 林質修教授 (Academia Sinica)	
10.20 11.00	Iptycene-Substituted Polyaniline Electrode Materials	
10:30-11:00	Professor Jye-Shane Yang 楊吉水教授 (National Taiwan University)	
11:00-11:30	Carbodicarbene, Carbogenic Maverick	
11:00-11:30	Professor Tiow-Gan Ong 王朝諺教授 (Academia Sinica)	
11.20 12.00	Manganese-Catalyzed Organometallic C-H Bond Activation	
11:30-12:00	Professor Congyang Wang 王從洋 (Chinese Academy of Sciences)	
12:00-13:30	Lunch	
Moderator: Professor Hsien-Ming Lee 李賢明教授 (Academia Sinica)		
12.20 14.00	Transformation of Carbon Dioxide to Chemicals under Mild Conditions	
13:30-14:00	Professor Zhimin Liu 劉志敏教授 (Chinese Academy of Sciences)	
14:00-14:30	Development of Siderophore Conjugates for Selective Bacterial Targeting	
	Professor Tsung-Shing Andrew Wang 王宗興教授 (National Taiwan University)	
14:30-15:00	Smart PEDOT Nanomaterials for Biomedical Applications	
	Professor Hsiao-hua Bruce Yu 尤嘯華教授 (Academia Sinica)	
	Conjugated Polymer Assembly Materials for Biomedical Applications	
15:00-15:30	Professor Shu Wang 王樹教授 (Chinese Academy of Sciences)	
15:30-15:50	Break	
N	loderator: Professor Cedric Po-Wen Chung 鍾博文教授 (Academia Sinica)	
	Porpholactone Chemistry: An Emerging Synthetic Tetrapyrrole Cofactor	
15:50-16:10	Professor Junlong Zhang 張俊龍教授 (Peking University)	
	Self-Assembly Methodologies for Rational Construction of Metallo-	
16:10-16:40	Supramolecular Architectures	

	Professor Yi-Tsu Chan 詹益慈教授 (National Taiwan University)
16:40-17:10	Small Molecule Conversions Directed by Metal Complexes of N-Confused
	Porphyrins
	Professor Chen-Hsiung Hung 洪政雄教授 (Academia Sinica)
17:10-17:40	Counter anion-Assisted Catalytic Asymmetric Hydrogenation Reactions
	Professor Qinghua Fan 范青華教授 (Chinese Academy of Sciences)
17:40-18:00	Group Photo
18:30-	Dinner

Oct 25 (Thursday)

Moderator: Professor Shih-Sheng Sun 森世勝教授 (Academia Sinica) 09:00-09:30 Developing Ring Formation Reactions Professor Zhixiang Yu 余志祥教授 (Peking University) 09:30-10:00 Reactivity and Catalytic Activity of Boron Cations Professor Ching-Wen Chiu 邱静愛教授 (National Taiwan University) 10:00-10:30 Tailoring Bimetallic Nanostructures toward Catalytic Energy Conversion Professor Chun-Hong Kuo 郭俊宏教授 (Academia Sinica) 10:30-10:50 Break Moderator: Professor Jiun-Jie Shie 謝俊結教授 (Academia Sinica) 10:50-11:20 Optical and Electronic Properties of Metal-Organic Frameworks Professor Kuang-Lieh Lu B光烈教授 (Academia Sinica) 11:20-11:50 Endohedral Fullerenes as Molecular Qubits Professor Shangda Jiang 蔣高達教授 (Peking University) 11:50-12:20 Aging and sound: the molecular mysteries behind antique Italian violins and Chinese guqin Professor Hwan-Ching Tai 戴桓青教授 (National Taiwan University) 12:20-14:00 Lunch Moderator: Professor Hsiung-Lin Tu 涂熊林教授 (Academia Sinica) 14:00-14:30 Development of therapeutic and diagnostic peptides from amyloidogenic sequence in neurodegenerative disease Professor Joseph Jen-Tse Huang 黃人則教授 (Academia Sinica) 14:30-15:00 In Vivo Electrochemical Analysis Professor Lanqun Mao 毛蘭郡教授 (Chinese Academy of Sciences) 15:00-15:30 Macrocyclization of Site-Specific Protein-Poly(\$\alpha\$ amino acid) Conjugates Professor Hua Lyu	Oct 25 (Illursday)			
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