PROGRAM

June 7 (Thursday)

Morning Se	ssion (venue: A204)	
8:30-8:45	Opening Remarks	
Chairperson	Michael P. Doyle (University of Texas at San Antonio)	
8:45-9:20	Chi-Ming Che (The University of Hong Kong)	1
9:20-9:45	B. de Bruin (University of Amsterdam)	3
	Catalytic Synthesis of o-Quinodimethanes via Carbene Radicals	
9:45-10:10	Rai-Shung Liu (National Tsing-Hua University)	5
	Gold-Catalyzed N,O-Functionalizations of Alkynes via Gold Carbenes	
10:10-10:35	Taking Photo & Coffee Break	
Chairperson	B. de Bruin (University of Amsterdam)	
10:35-11:10	Guy Bertrand (University of California-San Diego)	7
	Novel Stable Carbenes and Their Applications	
11:10-11:35	Weiping Tang (University of Wisconsin-Madison)	9
	Novel Cycloadditions Involving Rhodium(I) Carbene Intermediates	
11:35-12:00	Do Hyun Ryu (Sungkyunkwan University)	11
	Catalytic Asymmetric Molecular Rearrangement Reactions with Diazo Compounds	
12:00-13:00	Lunch	
Afternoon S	Session (venue: A204)	
Chairperson	Wenhao Hu (Sun Yat-sen University)	
14:00-14:35	Janine Cossy (CNRS)	15
	Generation of Carbenes from Cyclopropenes-Synthesis of Heterocycles	

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14:35-15:00	Kálmán J. Szabo (Stockholm University)	17
	Catalytic Fluorination and Allylboration of Diazoketones	
15:00-15:25	Jinbo Hu (Shanghai Institute of Organic Chemistry)	19
	Synthetic Fluorine Chemistry involving Carbene Species	
15:25-15:50	Shou-Fei Zhu (Nankai University)	21
	Catalytic B–H Bond Insertion Reactions	
15:50-16:05	Coffee Break	
Chairperson	Kálmán J. Szabo (Stockholm University)	
16:05-16:30	Emma Gallo (Università degli Studi di Milano)	23
	Metal Porphyrin Complexes: Smart Catalysts to Promote Alkene	
	Cyclopropanations	
16:30-16:55	Mitsuru Kitamura (Kyushu Institute of Technology)	25
	Synthesis of 1,2-Naphthalene Derivatives by Metal-catalyzed Reaction	n of
	1,2-Diazonaphthoquinones	
16:55-17:20	Xingwei Li (Dalian Institute of Chemical Physics)	27
	Selectivity Control in Coupling of Arenes with Carbenes and Other	
	Unsaturated Reagents	
12:00-12:25	Hongbin Zhai (Shenzhen Graduate School of Peking University)	29
11:25-11:50	Pauline Chiu (The University of Hong Kong)	31
	Construction of Bicyclo[m.n.1]alkanones Using a Carbene Rearrange	ement
	Strategy	
18:10-18:35	Wenhao Hu (Sun Yat-sen University)	
	Novel Multicomponent Reactions via Trapping of Reactive Intermedia	ates
18:45-	Dinner	
June 8 (Fri	iday)	
Morning Se	ession (venue: A204)	
Chairperson:	Rai-Shung Liu (National Tsing-Hua University)	
8:30-9:05	Qilin Zhou (Nankai University)	33

Carbene Insertion Reactions

Dirhodium Complexes and Chiral Spiro Phosphoric Acids Co-catalyzed

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9:05-9:30	Peter X. Zhang (Boston College)	35
	New Catalytic Processes for Stereoselective Radical Reactions via	
	Metalloradical Activation of Diazo Compounds	
9:30-9:55	Zhixiang Yu (Peking University)	37
	Mechanisms of 1,n-Proton Transfers for Carbanions	
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Chairperson	Hélène Lebel (Université de Montréal)	
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	Cobalt(III)-Catalyzed Alkylation of Primary $C(sp^3)$ -H Bonds with Diaz	;o
	Compounds	
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	Enantioselective Synthesis of Atropisomeric Vinyl Arene Compounds	via a
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	Blue Light-promoted Cross-Coupling of Diazo Compounds	
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Chairperson	Pauline Chiu (The University of Hong Kong)	
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16:45-17:00	Fanyang Mo (Peking University)	
	Direct Carboxylation of the Diazo Group ipso-C(sp2)-H bond with	
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