

Preface

In 2005 at the centennial anniversary of Fudan University, a new stage, NMS, sprouted up. This stage, *International Conference on Novel Materials and Synthesis(NMS)* together with *International Symposium on Fine Chemistry & Functional Polymers (FCFP)*, is targeted to provide a high-level academic exchange resort for both local and international chemists, materialists, physicists, engineers and technologists in the fields of materials and synthesis. These conferences are organized in association with other universities or institutes in even years and in Shanghai in odd years from support of International Union of Pure & Applied Chemistry, The National Natural Science Foundation of China, Shanghai Key Laboratory of Molecular Catalysis and Innovative Materials, Science and Technology Commission of Shanghai Municipality, Fudan University and other national and international organizations.

Six years have passed away, and the world has changed a lot especially in the front of the still pending global financial crisis. Innovation is becoming more important especially for the industries. As a result, the opening of this Conference, i.e. 7th IUPAC International Conference on Novel Materials and Synthesis (NMS-VII) & 21st International Symposium on Fine Chemistry and Functional Polymers (FCFP-XXI) (www.nms-iupac.org), is especially valuable, and the presence of so many excellent participants is a strong evidence.

This stage, from a small oak tree into a big one, has got a lot of nutrients and care from your active participation and strong support. Of course, with the continuous growing-up of this stage, we are very glad that excellent young scientists also have grown up. As a result, a new prize, **IUPAC Prof. Jiang Novel Materials Youth Prize**, has been established. This is the first time to award this prize, which will be granted every two years. In addition, **IUPAC Distinguished Award for Novel Materials and their Synthesis** will be awarded every year to excellent scientists.

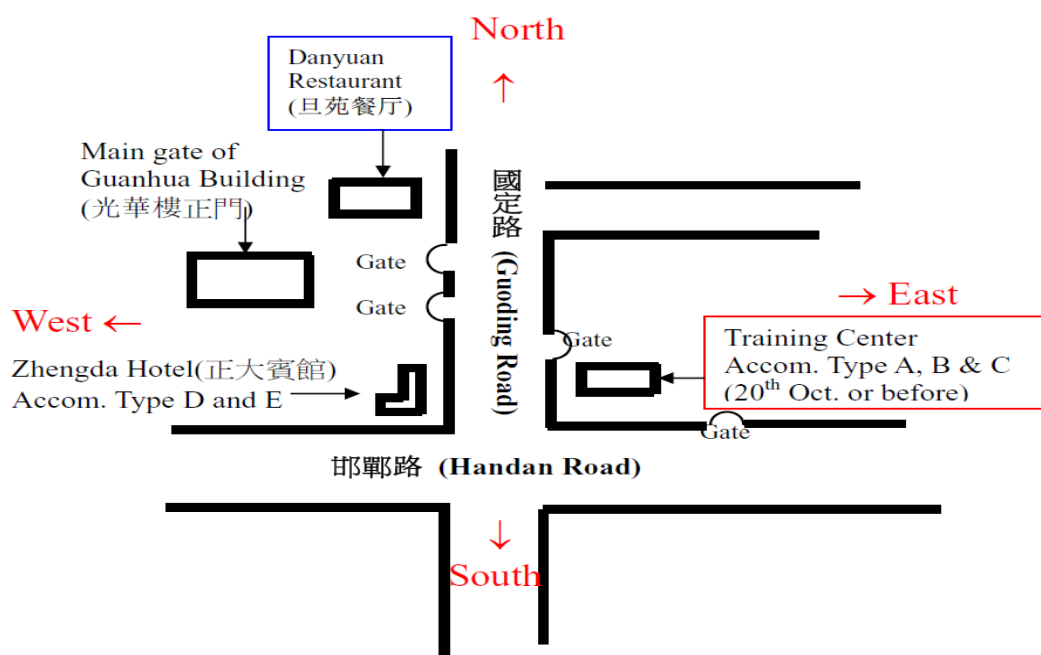
This year is the **International Year of Chemistry**. It is well known that chemistry is a creative science essential for the sustainable development of our human being. As a result, during this Conference we received more than 400 abstracts, and over 430 participants from over 40 countries and areas will present the state-of-art in their respective areas and also to explain their new findings and discuss the future strategies. It consists of 10 plenary lectures, 56 keynote lectures and 206 invited lecture. This Conference is heading for an initial success in terms of fostering mutual friendship and collaboration.

We believe that the NMS-VII & FCFP-XXI will be another exciting conference and we thank you all for joining with us and wish you a most rewarding and pleasant stay in Shanghai.

Organization Committee of NMS-VII & FCFP-XXI
October, 2011

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Bingxiao Liu

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Zhonghua Yang

Wei Zhang

Fanglin Liu

Dajun Liu

Guangshuai Han

Yan Liu

Yao Lu

2. Locations of the Conference Rooms and Dining Rooms

Conference Room A1.....	Conference Room 202, 2 nd Floor of Guanghua East Building (復旦大學光華樓東輔樓 202 會議室)
Conference Room A2	4 th Floor of Training Center, Lecture Hall
Conference Room 1	4 th Floor of Training Center
Conference Room 2	4 th Floor of Training Center
Conference Room 3	4 th Floor of Training Center
Conference Room 5	4 th Floor of Training Center
Conference Room 6	4 th Floor of Training Center
Conference Room 7	4 th Floor of Training Center

(1). Site for Poster session:

Conference room A2: Lecture Hall

(2). Dining Rooms for

(a) Breakfast: Please take at each hotel.

(b) Lunch, Dinner & Banquet: as follows

Date	Lunch	Dinner / Banquet
16 October, 2011	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)	3 rd Floor, Danyuan (Professor) Restaurant (旦苑或教授餐廳)
17 October, 2011	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)	3 rd Floor, Danyuan (Professor) Restaurant (旦苑或教授餐廳)
18 October, 2011	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)	3 rd Floor, Danyuan (Professor) Restaurant (旦苑或教授餐廳)
19 October, 2011	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)
20 October, 2011	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)	3 rd Floor of Training Center, School of Journalism, Fudan University (復旦大學新聞學院培訓中心 3 樓餐廳)
21 October, 2011	Day tour site (Outside)	3 rd Floor, Danyuan (Professor) Restaurant (旦苑或教授餐廳)

(3). Office for the Organization Committee

Please ask the reception or front desk for details.

(4). Site for taking collective photo

At the Main gate of Guanhua Building (光華樓正門) (See page 1 for the address)

Note: You can copy the electronic version of the collective photos from the computer of the Organization Committee at the evening of 18th October, 2011. Later it will be put into the web of the Conference. Then you can download from the website:

<http://www.nms-iupac.org>

3. Conference Schedule & Sessions Arrangement

(There are some changes. If some inconvenience is caused, we feel very sorry.)

Date	Time	Activities	Places
15 October	8:00-18:00	Pick up / Registration	Airports / Lobby of Training Center
16 October	8:00-23:00	Pick up / Registration	Airports / Lobby of Training Center
17 October (Mon.)	7:00-8:00	Breakfast / Registration	In each hotel / Lobby of Training Center
	7:30-8:10	Shuttle bus to Conference site	Lobby of Baolong Hotel
	8:30-8:55	Opening Ceremony	Conference Room A1
	8:55-9:40	Plenary lecture	Conference Room A1
	9:40-9:55	Taking Collective Photos	On the steps in front of Guanhua Building: 光華樓前臺階
	9:55-10:10	Coffee Break	
	10:10-12:25	Plenary lectures	Conference Room A1
	12:25-13:30	Lunch	3 rd Floor of Training Center
	13:30-15:30	KL, IL & OP	Conference Rooms 1,2,3,5,6
	15:30-15:50	Coffee Break	
	15:50-17:30	KL, IL & OP	Conference Rooms 1,2,3,5,6
17:45-18:40	Dinner	3 rd Floor, Danyuan (Professor) Restaurant	
18:30-18:45	Boarding buses	At the gate of Danyuan (Professor) Restaurant	
18:45-21:00	Departing and Watching Acrobat Performance		
18 October (Tues.)	7:00-8:30	Breakfast / Registration	In each hotel / Lobby of Training Center
	7:30-8:10	Shuttle bus to Conference site	Lobby of Baolong Hotel
	8:30-10:30	KL, IL & OP	Conference Rooms 1,2,3,5,6,7
	10:30-10:50	Coffee Break	
	10:50-12:30	KL, IL & OP	Conference Rooms 1,2,3,5,6,7
	12:30-13:30	Lunch	3 rd Floor of Training Center
	13:30-15:30	KL, IL & OP	Conference Rooms 1,2,3,5,6,7
	15:30-15:50	Coffee Break	
	15:50-17:40	KL, IL & OP	Conference Rooms 1,2,3,5,6,7
	17:30-18:30	Dinner	3 rd Floor, Danyuan (Professor) Restaurant
	18:30-18:45	Boarding buses	At the gate of Danyuan (Professor) Restaurant
18:45-21:00	Departing and Touring Pujiang River		
19 October (Wedn.)	7:00-8:30	Breakfast / Registration	In each hotel / Lobby of Training Center
	7:30-8:10	Shuttle bus to Conference site	Lobby of Baolong Hotel
	8:00-8:30	Putting up posters	Conference Room A2
	8:30-10:30	KL, IL & OP	Conference Rooms 1,2,3,5,6
	10:30-12:30	Coffee Break & Poster Presentation	Conference Room A2
	12:30-13:30	Lunch	3 rd Floor of Training Center
	13:30-15:45	Plenary lectures	Conference Room A2
	15:45-16:00	Coffee Break	
	16:00-18:15	Plenary lectures	Conference Room A2
18:20-19:30	Dinner	3 rd Floor of Training Center	

	Free activities		
20 October (Thurs.)	7:00-8:30	Breakfast	In each hotel
	7:30-8:10	Shuttle bus to Conference site	Lobby of Baolong Hotel
	8:30-10:20	KL, IL & OP	Conference Rooms 1,2,3,5,6
	10:20-10:40	Coffee Break	
	10:40-12:20	KL, IL & OP	Conference Rooms 1,2,5,6
	12:30-13:30	Lunch	3 rd Floor of Training Center
	13:30-15:20	KL, IL & OP	Conference Rooms 2,3,6
	15:20-15:40	Coffee Break	
	15:40-17:30	KL, IL & OP	Conference Rooms 2,3,6
	18:30-21:00	Awarding & Banquet	3 rd Floor of Training Center
21 October (Fri.)	7:00-8:00	Breakfast	In each hotel
	8:00-13:00	Boarding bus City Excursion	At the Lobby of Baolong Hotel
	7:30	Boarding bus at the Lobby of Baolong Hotel	
	7:45-18:00	Post-Conference (Route 2)	
	13:00-13:30	Lunch	Shanghai
	13:30-18:00	City Excursion	Shanghai
	18:30-20:00	Dinner	3 rd Floor, Danyuan (Professor) Restaurant
22 October (Satur.)	7:30	Boarding bus at the Lobby of Baolong Hotel (Route 1)	
	7:45-19:00	Post-Conferenec (Route 1 & Route 2)	
23 October (Sun.)	7:30-18:30	Post-Conferenec (Route 1 & Route 2)	
	18:30-19:30	Dining at 3 rd Floor, Danyuan (Professor) Restaurant for the participants of Post-Conference	
24 October (Mon.)	End		

Note: Due to some unexpected problem, the social programs at the evening of 17th is exchange with that of 18th.

Sessions Arrangement

Session	Topic	Conference Room	Time
Session 01	Advanced Materials Control and Applications	A1	8:55-9:40, 17 Oct.
Session 02	Advanced Materials and their Findings	A1	10:10-12:25, 17 Oct.
Session 03	Advanced Nanomaterials	1	13:30-15:30, 17 Oct.
Session 04	Advanced Nanomaterials	1	15:50-17:30, 17 Oct.
Session 05	Advanced Novel Polymers	2	13:30-15:30, 17 Oct.
Session 06	Advanced Functional Polymers	2	15:50-17:30, 17 Oct.
Session 07	Advance Batteries Materials	3	13:30-15:20, 17 Oct.
Session 08	Advanced Energy Storage and Conversion	3	15:40-17:30, 17 Oct.
Session 09	Advanced Functional Ceramics	5	13:30-15:20, 17 Oct.
Session 10	Novel Photo-, Electro-, and Thermal Materials	5	15:40-17:30, 17 Oct.
Session 11	Advanced Organic Materials	6	13:30-15:30, 17 Oct.

Session 12	Advanced Organic Materials	6	15:50-17:30, 17 Oct.
Session 13	Advanced Nanomaterials	1	8:30-10:30, 18 Oct.
Session 14	Advanced Nanomaterials	1	10:50-12:30, 18 Oct.
Session 15	Advanced Nanomaterials	1	13:30-15:30, 18 Oct.
Session 16	Functional Nanomaterials	1	15:50-17:40, 18 Oct.
Session 17	Advanced Polymers	2	8:30-10:30, 18 Oct.
Session 18	Advanced Polymers	2	10:50-12:30, 18 Oct.
Session 19	Advanced Polymers	2	13:30-15:30, 18 Oct.
Session 20	Advanced Polymers	2	15:50-17:30, 18 Oct.
Session 21	Advanced Energy Conversion Materials	3	8:30-10:30, 18 Oct.
Session 22	Advanced Energy Storage Materials	3	10:50-12:40, 18 Oct.
Session 23	Advanced Energy Materials	3	13:30-15:30, 18 Oct.
Session 24	Advanced Energy Materials	3	15:50-17:30, 18 Oct.
Session 25	Advanced Functional Oxides and other Materials	5	8:30-10:30, 18 Oct.
Session 26	Advanced Functional Oxides and other Materials	5	10:50-12:30, 18 Oct.
Session 27	Advanced Functional Oxides and other Materials	5	13:30-15:30, 18 Oct.
Session 28	Advanced Functional Oxides and other Materials	5	15:50-17:30, 18 Oct.
Session 29	Advanced Biomaterials	6	8:30-10:30, 18 Oct.
Session 30	Advanced Biomaterials	6	10:50-12:20, 18 Oct.
Session 31	Advanced Biomaterials	6	13:30-15:30, 18 Oct.
Session 32	Advanced Biomaterials	6	15:50-17:30, 18 Oct.
Session 33	Advanced Functional Polymers	7	8:30-10:30, 18 Oct.
Session 34	Advanced Functional Polymers	7	10:50-12:30, 18 Oct.
Session 35	Advanced Functional Polymers	7	13:30-15:30, 18 Oct.
Session 36	Advanced Functional Polymers	7	15:50-17:20, 18 Oct.
Session 37	Advanced Semiconductors	1	8:30-10:30, 19 Oct.
Session 38	Advanced Functional Polymers	2	8:30-10:30, 19 Oct.
Session 39	Advanced Photomaterials	3	8:30-10:30, 19 Oct.
Session 40	Advanced Neutron-Scattering Technologies and Applications	5	8:30-10:30, 19 Oct.
Session 41	Advanced Organic Materials	6	8:30-10:30, 19 Oct.
Session 42	Advanced Energy Storage and Conversion Materials	A2	13:30-15:45, 19 Oct.
Session 43	Advanced Biomaterials and Applications	A2	16:00-18:15, 19 Oct.
Session 44	Advanced Nanomaterials and Measurement	1	8:30-10:20, 20 Oct.

Session 45	Advanced Functional Nanomaterials	1	10:40-12:20, 20 Oct.
Session 46	Advanced Polymers and Applications	2	8:30-10:30, 20 Oct.
Session 47	Advanced Energy Materials and Functional Polymers	2	10:50-12:30, 20 Oct.
Session 48	Advanced Polymers and Applications	2	13:30-15:30, 20 Oct.
Session 49	Advanced Polymers and Applications	2	13:50-17:40, 20 Oct.
Session 50	Advanced Energy Materials	3	8:30-10:30, 20 Oct.
Session 51	Advanced Energy Materials	3	10:50-12:30, 20 Oct.
Session 52	Advanced Nanomaterials and Applications	3	13:30-15:40, 20 Oct.
Session 53	Advanced Nanomaterials and Applications	3	16:00-17:40, 20 Oct.
Session 54	Advanced Neutron-Scattering Technologies and Applications	5	8:30-10:30, 20 Oct.
Session 55	Advanced Materials and Applications	6	8:30-10:30, 20 Oct.
Session 56	Advanced Biomaterials and Applications	6	10:50-12:30, 20 Oct.
Session 57	Advanced Bio- and other Functional Materials	6	13:30-15:40, 20 Oct.
Session 58	Advanced Biomaterials and Chiral Materials	6	16:00-17:30, 20 Oct.
Poster Session		A2	10:30-12:30, 19 Oct.

4. Scientific Program

(There will be some change for the actual program. Please note it upon registration.)

17th October, 2011

Conference Room A1

Opening Ceremony 8:30-8:55

Session 01 Advanced Materials Control and Applications

Chair: Prof. Yi Tang

	Page No.
PL 01 8:55-9:40.....	PL 1
Anatase TiO ₂ with Highly Reactive Crystal Facets: Control Growth, Formation Mechanism and Applications	
Huijun Zhao	

9:40-10:10 COLLECTIVE PHOTO TAKING (On the steps in front of Guanhua Building: 光華樓前臺階)
& COFFEE BREAK

Session 02 Advanced Materials and their Findings

Chairs: Prof. Heinz Berke

Prof. Ming Jiang

Prof. Kimihisa Yamamoto

	Page No.
PL 02 10:10-10:55	PL 2
Optical and Mechanical Properties of Colloidal Nanoparticles in Confinement	
Hsin-Chiao Daniel Ouyang	
PL 03 10:55-11:40	PL 3
Macromolecules, Assemblies, Particles – A Discovery Journey in Materials Synthesis	
Klaus Müllen	
PL 04 11:40-12:25	PL 4
Overview CSIRO Advanced Materials and Technologies	
Gang Wei	

12:25-13:30 Lunch

17th October, 2011

Conference Room 1,

Session 03: Advanced Nanomaterials

Chairs: Hongjin Fan

Guillermo Gonzalez

	Page No.
KL 01 13:30-14:00.....	E 1
Molecular 'Clip' As a Tool for 2d Self-Assembly on Surfaces: From Concept to 3d Janus Tectons	
<u>André-Jean Attias</u>	
KL 02 14:00-14:30.....	E 2

Inorganically Filled Carbon Nanotubes: Synthesis, Properties and Prospects

Ujjal K Gautam

IL 01 14:30-14:50.....E13

Nanocomposite Strain Sensors Made from Various Carbon Nanofillers

Ning Hu

IL 02 14:50-15:10.....E14

SEM/TEM Studies of Some Core Particles

Wuzong Zhou

IL 03 15:10-15:30.....E15

Molecular Beam Epitaxy of InN and Its p-type Doping

Xinqiang Wang

COFFEE BREAK 15:30-15:50

Session 04: Advanced Nanomaterials

Chairs: Ujjal K. Gautam

Junqing Hu

Page No.

KL 03 15:50-16:20.....E3

Tihierarchical Oxide Nanowires: Synthesis Strategy and Applications as Supercapacitor Electrodes

Hongjin Fan

IL 04 16:20-16:40.....E16

Tailored Three-Dimensional Assembly of Carbon Nanotubes and Graphene

Sang Ouk Kim

IL 05 16:40-17:00.....E17

Multifunctional Au-Fe₃O₄ Heterostructures for Magnetically Recyclable Catalytic ReactionRuey-An Doong

IL 06 17:00-17:20.....E18

Nanostructuring of Glass Micro/Nanowires

Ming Ding

OP 01 17:20-17:30.....E44

Worm-like Ag Nanowires by Electrodeposition from Lyotropic Reverse Hexagonal Liquid

Crystalline Phase

Tingwei Cai

Conference Room 2

Session 05: Advanced Novel Polymers

Chairs: E. Iwuoha

P.G.L. Baker

Page No.

KL 04 13:30-14:00.....C1

Improving Sustainable/Biodegradable Polymers

James Wang

KL 05 14:00-14:30.....C2

Assembly of Graphene-Based Two-Dimensional Nanosheets

Xinliang Feng

IL 07 14:30-14:50.....C14

Plywood structure on injection-molded polypropylene

Yamaguchi Masayuki

IL 08 14:50-15:10..... C15
 Synthesis of Metallized Polyimide Films by Wet Chemical Process

Kensuke Akamatsu

IL 09 15:10-15:30.....C16

Organic/Inorganic Composite Particles by Controlled Radical Polymerization in Aqueous Dispersed Media

Elodie Bourgeat-Lami

COFFEE BREAK 15:30-15:50

Session 06: Advanced Functional Polymers

Chairs: P.H. Aubert

Wenhua Sun

KL 06 15:50-16:20..... C3
 Protein-Based Nanotubes for Biomolecular Traps

Teruyuki Komatsu

IL 10 16:20-16:40.....C17

Lateral Interaction of Transition Metal Dimers Through Graphene – Order and Magnetic Moments

Hway-Chuan Kang

IL 11 16:40-17:00.....C18

Photochromic Based Materials for Photonic Applications

Jaroslav Mysliwicz

IL 12 17:00-17:20.....C19

New Amino Acid-Based Block Copolymers, Stars, and Hybrids

Hideharu Mori

IL 13 17:20-17:40..... C20

Studies on the Effects of High-Energy Electron Beam Irradiation on the Mechanical Properties of Magnesium Hydroxide Filled HDPE/Mg(OH)₂/TCA-27 Composites

Nabil Alkadasi

Conference Room 3

Session 07: Advance Batteries Materials

Chairs: Jaephil Cho??

Bin Li

KL 07 13:30-14:00..... D1
 Tailoring Oxide Nanostructures and Heterostructures for Electrochromics and Electrochemical Energy Storage

Pooi See Lee

IL 14 14:00-14:20.....D17

The Discovery of a New Class of Cathode Materials for Lithium Ion Batteries

Hailong Chen

IL 15 14:20-14:40..... D18

Combined First-Principles and Experimental Study on the Mn based Olivine Cathode for Lithium Rechargeable Batteries

Kisuk Kang

IL 16 14:40-15:00.....D19

Lithium Ionics in Complex Hydrides: Review and Prospects

Shin-ichi Orimo

IL 17 15:00-15:20.....D20

LiV₃O₈ Cathode Material Synthesized via Microwave Assistant Methods for Lithium Ion BatteriesChuan Wu

COFFEE BREAK 15:20-15:40

Session 08: Advanced Energy Storage and Conversion

Chairs: Pooi See Lee

Angelika Basch

	Page No.
KL 08 15:40-16:10.....	D2
Catalyst Supports for Pem Fuel Cells: From Carbon Black to Carbon Nanotube and Graphene	
<u>Siyu Ye</u>	
KL 09 16:10-16:40.....	D3
Quantum Dots Sensitized Zinc Oxide Nanowires Arrays Photoelectrodes for Water Splitting	
<u>Ru-Shi Liu</u>	
KL 10 16:40-17:10.....	D7
Electrochemical Supercapacitor Materials: Challenges and Perspectives	
<u>Jiujun Zhang</u>	
IL 18 17:10-17:30.....	D21
On-Borad Hydrogen Production from Hydrolysis of Al Alloys	
<u>HyukSang Kwon</u>	

Conference Room 5

Session 09: Advanced Functional Ceramics

Chairs: Nobuhiro Ohta

S.K. Chen

	Page No.
KL 11 13:30-14:00.....	F1
Resistive Switching Effects in Oxide Sandwiched Structures	
<u>Runwei Li</u>	
IL 19 14:00-14:20.....	F2
Controlling and Visualizing the Self-Organized Aggregation of Transition Metals in Nitrides	
<u>Alberta Bonanni</u>	
IL 20 14:20-14:40.....	F3
Semiconductor/Ferromagnetic Nanocomposites – Theoretical Modelling and Applications	
<u>Tomasz Dietl</u>	
IL 21 14:40-15:00.....	F4
Solution-Source Vapor-Phase Synthesis of Oxide and Organic Thin Films	
<u>Shizuo Fujita</u>	
IL 22 15:00-15:20.....	F5
Development of Highly Transparent Electrode Materials for Organic Light Emitting Diodes	
<u>Jong-Lam Lee</u>	

COFFEE BREAK 15:20-15:40

Session 10: Novel Photo-, Electro-, and Thermal Materials

Chairs: Runwei Li

Tomasz Dietl

IL 23	15:40-16:00	.....	F6
Submicron-Sized Phosphors Based on Rare Earth Oxycarbonates			
<u>Toshiyuki Masui</u>			
IL 24	16:00-16:20	.....	F7
Unprecedented Optoelectronic Function in Organic Conductor			
<u>Nobuhiro Ohta</u>			
IL 25	16:20-16:40	.....	F8
Solution-processable Organic Single Crystal for High Performance Organic Transistor			
<u>Kazuhito Tsukagoshi</u>			
IL 26	16:40-17:00	.....	F9
Carbon doping in MgB ₂ reacted with Si and C containing additives			
<u>S.K. Chen</u>			
IL 27	17:00-17:20	.....	F10
Formation of InAs Nanowire by Solid Source Reaction: A promising material as the high mobility channel for nanoelectronics			
<u>Yu-Lun Chueh</u>			
OP 02	17:20-17:30	.....	H12
Heat Capacity Measurements of (BPDT-TTF) ₂ ICl ₂			
<u>Guoyang Guan</u>			

Conference Room 6,

Session 11: Advanced Organic Materials

Chairs: Toyoshi Shimada

Sung Hwa Jhung

Page No.

KL 12	13:30-14:00	.....	A1
Organometallics for Molecular Electronics			
<u>Heinz Berke</u>			
KL 13	14:00-14:30	.....	A2
Organometallic Macrocycles and Cages			
<u>Guoxin Jin</u>			
IL 28	14:30-14:50	.....	A6
Unique Reactivity of Gold/Palladium Bimetallic Nanoclusters Toward the Suzuki-Miyaura Coupling Reaction			
<u>Hidehiro Sakurai</u>			
IL 29	14:50-15:10	.....	A7
Controllable Synthesis of Tantalum Oxynitride and Nitride Nanoparticles for Oxidation Catalysis			
<u>Qingsheng Gao</u>			
IL 30	15:10-15:30	.....	A8
Role of Nano-sized Oxide in Catalysis on Zeolite Nano-surface			
<u>Sachio Asaoka</u>			

COFFEE BREAK 15:30-15:50

Session 12: Advanced Organic Materials

Chairs: Guoxin Jin

Andrzej W. Trochimczuk

KL 14	15:50-16:20.....	A3
Preparation of Functional Allylsilanes Acting as Sol-Gel Precursors and Their Applications		
<u>Toyoshi Shimada</u>		
IL 31	16:20-16:40.....	A9
Molecular Design of Macrocyclic Polyaniline Analogs Based on Organometallic C-N Bond Formation		
<u>Takaki Kanbara</u>		
IL 32	16:40-17:00.....	A13
Imidazolium Anion-Exchangers – Crosslinked Analogues of Ionic Liquids		
<u>Andrzej W. Trochimczuk</u>		
IL 33	17:00-17:20.....	A11
Chiral Metal Organic Framework: Synthesis, Structure and Properties		
<u>Fa-Nian Shi</u>		
IL 34	17:20-17:40.....	A12
Development of 2nd Generation Palladium-Catalyzed Cycloalkenylation and Application to Bioactive Natural Product Synthesis		
<u>Masahiro Toyota</u>		

.....

18th October, 2011

Conference Room 1

Session 13: Advanced Nanomaterials

Chairs: Renzhi Ma

Michael M. Huang

	Page No.
KL 15 8:30-9:00.....	E4
Synthesis of Sub-nano Metal Particle using Dendrimer Box	
<u>Kimihisa Yamamoto</u>	
KL 16 9:00-9:30.....	E5
Rolled-up Inorganic Nanomembranes	
<u>Yongfeng Mei</u>	
IL 35 9:30-9:50.....	E19
Large-area Polymer/Nanospheres Hybrid Monolayer at a Water-Air Interface: Fabrication and Application	
<u>Wen-Tau Juan</u>	
IL 36 9:50-10:10.....	E20
Towards Molecular Electronics: Solution-Based Methods for Selective Deposition of Metals and Semiconductors	
<u>Amy Walker</u>	
IL 37 10:10-10:30.....	E21
Design of Coaxial Nanocomposite Nanowires for Tuning Photophysical Properties	
<u>Jean Luc Duvail</u>	
COFFEE BREAK 10:30-10:50	

Session 14: Advanced Nanomaterials

Chairs: Jean Luc Duvail

Meiyong Liao

	Page No.
KL 17 10:50-11:20.....	E12
Manipulation and Property Measurements of Individual 1D Nanomaterials Inside a TEM	
<u>Junqing Hu</u>	
KL 18 11:20-11:50.....	E7
Polymeric Carbon Nitrides: Semiconducting Properties and Emerging Application in Optoelectronic Conversion	
<u>Yuanjian Zhang</u>	
IL 139 11:50-12:10.....	H10
Synthesis of Luminescent Type Photocatalyst by Green Chemical Process	
<u>Shu Yin</u>	
IL 39 12:10-12:30.....	E23
Unique Properties of Functional Oxides Nanodot Structures Fabricated by AAO Template-Assisted PLD	
<u>Xingsen Gao</u>	
(Note: IL 38 11:50-12:10.....)	E22
Zinc Oxide Nanostructures: Synthesis and Optical Properties	

Eglantina Benavente Espinosa Moved to poster session: E22)

12:30-13:30 Lunch

Session15: Advanced Nanomaterials

Chairs: Yongfeng Mei

Leny Yuliati

	Page No.
KL 19 13:30-14:00.....	E8
Synthesis of Redoxable Hydroxide Nanosheets	
<u>Renzhi Ma</u>	
KL 20 14:00-14:30.....	E9
Low-Power Consumption Diamond Nanoelectromechanical Switch	
<u>Meiyong Liao</u>	
IL 40 14:30-14:50.....	E24
Silicon Nanowires: Low Cost Fabrication, Engineering and Applied Researches	
<u>Zhifene Huang</u>	
IL 41 14:50-15:10.....	E25
Vanadium Pentoxide Nanostructures	
<u>Guillermo Gonzalez</u>	
IL 42 15:10-15:30.....	E26
Nanostructured Fluoro-Carbide (CF _x) Thin Films: Deposition Guided by Theoretical Predictions	
<u>G. K. Gueorguiev</u>	

COFFEE BREAK 15:30-15:50

Session 16: Functional Nanomaterials

Chairs: Yong Zhou

Ivan Vakarelski

	Page No.
IL 43 15:50-16:10.....	E27
Mesoporous Carbon Nitrides: Facile Synthesis and the Application as Hydrogen Adsorbent	
<u>Chang-Sik Ha</u>	
IL 44 16:10-16:30.....	E28
High-Performance Nanofilm Photodetectors Fabricated by an Interfacial Self-Assembly Strategy	
<u>Linfeng Hu</u>	
IL 45 16:30-16:50.....	E29
Shape-Controlled Synthesis of Nanocrystals and Their Facet-Dependent Properties	
<u>Michael H. Huang</u>	
IL 46 16:50-17:10.....	E30
Design of Artificial Hollow Moth-Eye Structures Using Anodic Nanocones for High-Performance Optics and Solar Cells	
<u>Fu-Hsiang Ko</u>	
IL 47 17:10-17:30.....	E31
A Novel Mold-Assisted Etching Process to Pre-Texture Al for Preparing Ordered Nanoporous Anodic Alumina	
<u>Ing-Chi Leu</u>	

OP 03 17:30-17:40.....E44
 Synthesis, Properties and Application of MoO_{3-x} Nanowires and MoS₂ Nanotubes
A. Mrzel

Conference Room 2

Session 17: Advanced Polymers

Chairs: Tadeusz Biela
 Xinliang Feng

Page No.

KL 39 8:30-9:00.....C9
 Novel Thermosensitive Hydrophilic Polymers and Perspectives of their Application in Medicine and Nanoelectronics
 Grigoriy A. Mun
 KL 22 9:00-9:30.....C5
 Electrically and Thermally Conductive Polyolefins via Graphene Incorporation
Jinyong Dong
 IL 48 9:30-9:50.....C21
 Morphology-Tunable Architectures Constructed by Supramolecular Assemblies of α -Diimine Compound: Fabrication and Application as Multifunctional Host Systems
Il Kim
 IL 49 9:50-10:10.....C22
 Polymerized C₆₀ Thin Film: Its Preparations and Characterizations
Arenst Andreas Arie
 IL 50 10:10-10:30.....C23
 Electronically conducting Polymer on vertically aligned carbon nanotubes: Application to Nanocomposite Electrodes
P.H. Aubert

COFFEE BREAK 10:30-10:50

Session 18: Advanced Polymers

Chairs: Daoyong Chen
 Grigoriy A. Mun

Page No.

KL 23 10:50-11:20.....C6
 Soluble Precursor Synthesis of Graphene Nanoribbons
Laren M. Tolbert
 IL 51 11:20-11:40.....C24
 Kinetics and Isotherm Studies of Methylene Blue Adsorption onto Polyaniline Nanotubes Base/Silica Composite
Mohamad M. Ayad
 IL 52 11:40-12:00.....C25
 Modulation of the Interfacial Electrochemistry of Conductive Polymer Sensor Systems
P. G. L. Baker
 IL 53 12:00-12:20.....C26
 Unexpected Thermal Properties of Polylactide and Polylactide Stereocomplexes Based On Carbon Nanotube Initiators

Tadeusz Biela

OP 04 12:20-12:30.....C74
 Effects of Foaming condition and carbon-nanotube content on structure and mechanical properties
 of PP/EPDM microcellular foam

Hamed Azizi

12:30-13:30 Lunch

Session 19: Advanced Polymers

Chairs: Jinyong Dong

Il Kim

Page No.

KL 24 13:30-14:00.....C7
 Graphene: Surface Functionalization and Liquid Crystals

Chao Gao

KL 25 14:00-14:30.....C8
 Bioplastic wonderland: from molecular-orientation to bio-photonics

T. Kaneko

IL 54 14:30-14:50.....C27
 Design and synthesis of fluorescence sensing and light-harvesting molecular devices

Vladimir Bojinov

IL 55 14:50-15:10.....C28
 Competitive Processes in Controlled Cationic Ring-Opening Polymerization of Oxetane: A
 Lotka-Volterra Model of Two Growing Chains in Predator-Prey Interactions

Hassen Boucekif

IL 56 15:10-15:30.....C29
 Graphene-Polyoxometalate Composites for Electronics and Photonics

Christoph Bubeck

COFFEE BREAK 15:30-15:50

Session 20: Advanced Polymers

Chairs: T. Kaneko

Christoph Bubeck

Page No.

IL 57 15:50-16:10.....C30
 Copolymerization of carbon dioxide with aziridine Yielding Aliphatic Poly(Urethane Amine)S

Shaokui Cao

IL 58 16:10-16:30.....C31
 Electrospun Fibers as Low Cost Fillers for Polymer-Based Nanocomposites

Valerio Causin

IL 59 16:30-16:50.....C32
 Synthesis and Characterization of a Double Hydrophilic Polypeptide Graft Copolymer and its
 Application

Chuh-Yung Chen

KL 57 16:50-17:20.....C34
 Electro-Adaptative Interpenetrating Polymer Networks

Claude Chevrot

Conference Room 3

Session 21: Advanced Energy Conversion Materials

Chairs: Bao-Lian Su

Katsushi Fujii

	Page No.
KL 26 8:30-9:00.....	D5
Fabrication of Ordered Silicon Nanostructures-Array and Solar Cell Application	
<u>Shu-Fen Hu</u>	
KL 27 9:00-9:30.....	D6
Light Management Using Nanostructures in Photovoltaics	
<u>Jr-Hau He</u>	
IL 62 9:30-9:50.....	D22
Problems Related to Carrier Transport in Organic Photovoltaics	
<u>Vaidotas Kazukauskas</u>	
IL 63 9:50-10:10.....	D23
Self-assembly of Heterojunction by Mesogens for Organic Photovoltaics	
<u>Yiwang Chen</u>	
IL 64 10:10-10:30.....	D24
Multiscale Molecular Simulation of the Nanoscale Morphologies of Bulk Heterojunction Polymer	
<u>Chun-Wei Pao</u>	

COFFEE BREAK 10:30-10:50

Session 22: Advanced Energy Storage Materials

Chairs: Jr-Hau He

Vaidotas Kazukauskas

	Page No.
KL 28 10:50-11:20.....	D4
Direct Preparation of High-Purity Primary Lithium by Electrochemical Method	
<u>Bing Li</u>	
KL 29 11:20-11:50.....	D8
In Situ FT Raman Spectroelectrochemistry for Lithium Battery Cathode	
<u>Takashi Itoh</u>	
IL 65 11:50-12:10.....	D41
Photocatalysts, nanocatalysts, and chemical hydrides to produce hydrogen and to store solar energy	
<u>Nainesh Patel</u>	
IL66 12:10-12:30.....	D25
Lignin Containing Composites and Nanomaterials for Electrochemical Sensing and Energy Storage	
<u>Grzegorz Milczarek</u>	

12:30-13:30 Lunch

Session 23: Advanced Energy Materials

Chairs: Shimichi Orimo

Mei Cai

	Page No.
KL 30 13:30-14:00.....	D10
Slow Photon Enhanced Photocatalytic Activity of Titania Inverse Opals: 3DOM and Films	

Bao-Lian Su

KL 31 14:00-14:30.....D11
 PEM Fuel Cells and Li-Air Batteries: Novel Catalysts and Supports

Xueliang Sun

IL 67 14:30-14:50.....D26
 Effects of GaN Properties for Photoelectrochemical Water Splitting to Produce Hydrogen

Katsushi Fujii

IL 68 14:50-15:10.....D27
 Radiation Grafted and Phosphorylated Membranes for High Temperature Polymer Electrolyte Fuel Cell

Mohamed Nasef

IL 69 15:10-15:30.....D28
 Nanostructured Polymer Electrolytes for Fuel Cell Applications

Moon Jeong Park

COFFEE BREAK 15:30-15:50

Session 24: Advanced Energy Materials

Chairs: Kisuk Kang

Mohamed Nasef

IL 70 15:50-16:10.....D29
 Study of Ion Transport Properties and Characterization of Solid Polymer Nanocomposite Materials

Prem N Gupta

IL 71 16:10-16:30.....D30
 A Safe Nanocomposite Polymer Electrolyte Prepared by Electrospinning for Rechargeable Lithium Batteries

Zhaohui Li

IL 72 16:30-16:50.....D31
 Ordered Polymer Electrolyte Membranes based on Polymer Brushes

Haining Zhang

IL 73 16:50-17:10.....D32
 Composite Polymer Electrolytes Modified by Anion Receptors of Lewis Acid Properties for Application in Lithium Ion Batteries

Ewa Zygadlo-Monikowska

OP 05 17:10-17:20.....D51
 1,8-Naphthosultone: A new electrolyte additive with both good thermal stability and overcharge protection for lithium ion batteries

Guangshuai Han

OP 06 17:20-17:30.....D52
 Single-ion Conducting Polymer Electrolytes for Lithium Ion Batteries Based on Polyvinyl Alcohol / Boric Acid / Lithium Oxalate

Yusong Zhu

Conference Room 5

Session 25: Advanced Functional Oxides and other Materials

Chairs: Xuehong Lu

Sidney Lang

KL 32	8:30-9:00	.....	H 1
On the Structure and the Symmetry Group of Spin Glass State and Other Seven Fundamental Magnetic Structures in Terms of the Fibre			
<u>Jerzy Warczewski</u>			
KL 33	9:00-9:30	.....	I1
Gas Storage in Porous Materials			
<u>Craig Martin Brown</u>			
IL 74	9:30-9:50	.....	F11
Resistance Switching in Heterostructures of Complex Oxides			
<u>Tao(Tom) WU</u>			
IL 75	9:50-10:10	.....	G1
The Mechanical Properties of the Aluminum Alloy Produced by Continuous Casting Processes			
<u>Mitsuhiro Okayasu</u>			
IL 76	10:10-10:30	.....	H2
Transparent High-Refractive-Index TiO ₂ -Epoxy Nanocomposites			
<u>Bo-Tau Liu</u>			

COFFEE BREAK 10:30-10:50

Session 26: Advanced Functional Oxides and other Materials

Chairs: Jerzy Warczewski

Mitsuhiro Okayasu

IL 77	10:50-11:10	.....	H3
Hybrid Electrochromic Materials: Effects of Star-like Structure and Interfacial Covalent Bonds on Electrochemical Properties			
<u>Xuehong Lu</u>			
IL 78	11:10-11:30	.....	F12
Temperature-Responsive VO ₂ Smart Windows: Solution Processing, Characterization and Properties			
<u>Yanfeng Gao</u>			
IL 79	11:30-11:50	.....	F13
Photostability and Optical Properties of Modified Titanium Dioxide			
<u>Marta Glen</u>			
IL 80	11:50-12:10	.....	F14
A Novel Low-Temperature-Fired Multifunctional Varistor-Magnetic Ferrite Materials			
<u>Hsing-I Hsiang</u>			
IL 81	12:10-12:30	.....	F15
Spintronics with Multiferroic Oxide			
<u>Chenglong Jia</u>			

12:30-13:30 Lunch

Session 27: Advanced Functional Oxides and other Materials

Chairs: Craig Martin Brown

Yanfeng Gao

IL 82	13:30-13:50	F16
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Pyroelectric, Piezoelectric and Photoeffects in Hydroxyapatite Thin Films on Silicon

Sidney Lang

IL 83 13:50-14:10.....F17

Intercalation Compounds in Ca-Montmorillonite : A Novel Sulfide Ion Potentiometric Sensor

Ladda Meesuk

IL 84 14:10-14:30..... F18

Advanced Superconducting Ceramics by Spark Plasma Sintering

Viorel Sandu

IL 85 14:30-14:50.....F19

Synthesis and Multifunctional Characterization of BiFeO₃ Thin Films

Vilas Shelke

IL 86 14:50-15:10.....F20

Multiferroic Properties of (La, Mn) Co-Substituted BiFeO₃ Thin Films

Danyang Wang

IL 87 15:10-15:30.....G2

Influence of Processing Parameters on the Properties of TaC Coatings Deposited on Silicon Using Hot Filament CVD System

M. Ali

COFFEE BREAK 15:30-15:50

Session 28: Advanced Functional Oxides and other Materials

Chairs: Viorel Sandu

Ladda Meesuk

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IL 88 15:50-16:10.....G3

Metal/Polymer Nanocomposites. Synthesis and Spatial Addressing of Metal Nanoparticles by Photoinduced Processes

Lavinia Balan

IL 89 16:10-16:30.....H4

Composite Kinetic Molecular Devices

Giuseppe Alibrandi

IL 90 16:30-16:50..... H5

Luminescence Studies on Some Rare Earth Complexes

Muhammad Idiris Saleh

IL 91 16:50-17:10.....H6

Copper(II) Complexes of Optically Active di(2-Picolyl)Amine Derivatives

Yang Kim

IL 92 17:10-17:30.....H7

Design and Synthesis of Novel Plasmodium Cysteine Protease Inhibitors

Teunis van Ree

Conference Room 6

Session 29: Advanced Biomaterials

Chairs: Teruyuki Komatsu

Wilhelm K. Aicher

KL 34	8:30-9:00	Page No.	B1
Silica-Based Biohybrid Materials			
<u>Thibaud Coradin</u>			
KL 35	9:00-9:30		B2
Synthesis of Novel Functional Aliphatic Polyesters for Biomedical Applications			
<u>Christine Jérôme</u>			
IL 93	9:30-9:50		B6
Single Nanowire-based Biosensor to detect Myoglobin, CK-MB and c-Tnl			
<u>Minhee Yun</u>			
IL 94	9:50-10:10		B7
Grating-Based Transmission Surface Plasmonic Devices			
<u>Akira Baba</u>			
IL 95	10:10-10:30		B8
Synthesis and Properties of Fluorescent Labeling Agents Based on Rare-Earth Doped Phosphors			
<u>Jianhua Hao</u>			

COFFEE BREAK 10:30-10:50

Session 30: Advanced Biomaterials

Chairs: Thibaud Coradin

Minhee Yun

KL 36	10:50-11:20	Page No.	B3
Sol-Gel Prepared Gelatin- and Chitosan-Based Inorganic-Organic Hybrids for Scaffold Applications			
<u>Akiyoshi Osaka</u>			
IL 96	11:20-11:40		B9
Addressing Cells by Nano-Structured or Peptide-Modified Scaffold Surfaces			
<u>Wilhelm K. Aicher</u>			
IL 97	11:40-12:00		B10
Biomaterials for Second Harmonic Generation			
<u>Pierre-François Brevet</u>			
IL 98	12:00-12:20		B11
Biobased Material Systems and Synergism			
<u>Chu-Shiang Chen</u>			

12:30-13:30 Lunch

Session 31: Advanced Biomaterials

Chairs: Akira Baba

Christine Jerome

IL 99	13:30-13:50	Page No.	B12
Bioisosteric Approach for Development of Multifunctional Bio-Probes			
<u>Junya Chiba</u>			
IL 100	13:50-14:10		B13
High Performance Flexible Inorganic Electronics for Biomedical Applications			
<u>Keon Jae Lee</u>			

IL 101	14:10-14:30.....	B14
Bioactive Polymers in Food Packaging and Medical Applications		
<u>Franz Stelzer</u>		
IL 102	14:30-14:50.....	B15
Applying Biomaterials: Taking Research Beyond the Academic Lab Bench		
<u>Eugene Khor</u>		
IL 103	14:50-15:10.....	B16
Design of Two-Photon Absorption Hybrid Nanoparticles for Diagnostic and Therapy		
<u>Stephane Parola</u>		
IL104	15:10-15:30.....	B17
ROMP in Dispersed Media: A Powerful Approach to Produce Responsive Polymeric Vectors for Drug Delivery		
<u>Valerie Heroguez</u>		

COFFEE BREAK 15:30-15:50

Session 32: Advanced Biomaterials

Chairs: Akiyoshi Osaka
Valerie Heroguez

		Page No.
IL 105	15:50-16:10.....	B18
On-Chip Sorting System Using a Thermo-Reversible Gelation Polymer to Control Flow		
<u>Takashi Funatsu</u>		
IL 106	16:10-16:30.....	B19
Pore-Spanning Lipid Membrane under Indentation Studied by Molecular Dynamics Simulations		
<u>Pai-Yi Hsiao</u>		
IL 107	16:30-16:50.....	B20
Elastomeric Surgical Sealant Adhesive 'SC-625A' for Hemostasis of Vascular Anastomosis		
<u>Yutaka Kawahara</u>		
IL 108	16:50-17:10.....	B21
Electrospun Biomimetic Composite Nanofibers for Tissue Scaffolding Applications		
<u>Yanzhong Zhang</u>		
IL 109	17:10-17:30.....	B22
Albumin Binding Metal Ions for Mimic of Antioxidant Enzyme		
<u>Rong-Min Wang</u> (Cancelled)		

Conference Room 7

Session 33: Advanced Functional Polymers

Chairs: Koh-Hei Nitta
Dirk Kuckling

		Page No.
IL 110	8:30-8:50.....	C35
Properties and Morphology of Ethylene – Vinyl Acetate Copolymer (EVA)/Silica Nanocomposites Prepared by Sol-Gel Method in Absence and Presence of EVA-g-Maleic Anhydride		
<u>Thai Hoang</u>		
IL 111	8:50-9:10.....	C36

Synthesis Highly Conductive and Magnetic Multi Core-Shell Nano Composite of
Ba_{0.5}Sr_{0.5}Fe₁₂O₁₉-Multiwalled Carbon Nanotube with Polypyrrole

S.H. Hosseini

IL 112 9:10-9:30.....C37

The Electrical and Ionic Transport Properties of Poly (Methyl Methacrylate) – Salicylic Acid Gel Electrolyte System Plasticized with Oleic Acid

Mohd Ikmar Nizam Mohamad Isa (M.I.N. Isa)

IL 113 9:30-9:50.....C38

Introduction on Properties and Application of Cyanobacterial Supergiant Polysaccharide, Sacran
Maiko Okajima

IL 114 9:50-10:10.....C39

Development and Optimization of Some Kinds of Ionic Liquids as an Initiator of Unique Radical Polymerization

Shuichi Kanno

IL 115 10:10-10:30.....C40

Microwave-assisted Polymer Reaction and Its Application for Graft Polymerization through Atom Transfer Radical Polymerization

Kiyoshi Kikukawa

COFFEE BREAK 10:30-10:50

Session 34: Advanced Functional Polymers

Chairs: Fabrice Mathevet

Kiyoshi Kikukawa

Page No.

IL 116 10:50-11:10.....C41

Spherulite Structure of Polypropylene-Based Nanocomposite

Koh-hei Nitta

IL 117 11:10-11:30.....C42

Fullerene Induced Networks in Aqueous Solutions of Polymers Complexed with Fullerene

Elena Tarabukina

IL 118 11:30-11:50.....C43

Novel Carbohydrate Derived Polymer for Diverse Usage

Min Tang

IL 119 11:50-12:10.....C44

Thermoplastic Elastomer/Oganoclay Nanocomposites: Morphology, Thermal and Mechanical Properties

Anna M. Szymczyk

IL 120 12:10-12:30.....C45

Synthesis and Chiroptical Properties of Hydroxyphenylglycine-Based Helical

Poly(Phenyleneethynylene)s

Fumio Sanda

12:30-13:30 Lunch

Session 35: Advanced Functional Polymers

Chairs: Zorica Crnjak Orel

Fumio Sanda

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IL 121 13:30-13:50.....C46

Photoactive Polymeric Materials in Nanometer Dimension Structures

S. Kucharski

IL 122 13:50-14:10.....C47

Synthesis of Functional Smart Polymers

Dirk Kuckling

IL 123 14:10-14:30.....C48

Simulation of Reacting Polymer Melts by Dissipative Particle Dynamics

Yaroslav V. Kudryavtsev

IL 124 14:30-14:50.....C49

Biodegradable Sprayable Varnishes for Agricultural Mulching Application: A New Sustainable Approach to Plasticulture

Mario Malinconico

IL 125 14:50-15:10.....C50

'In situ Polymerization and Composite Formation (IPCF)': An important synthesis route for the fabrication of polymer stabilized nanomaterials for diverse applications

Kaushik Mallick

IL 126 15:10-15:30.....C51

Liquid Crystal Homo and Alternating (Co)Polymers Based on Pi-Conjugated Backbone for

Organic Electronics

Fabrice Mathevet

COFFEE BREAK 15:30-15:50

Session 36: Advanced Functional Polymers

Chairs: Elena Tarabukina

Igor F. Perepichka

IL 127 15:50-16:10.....C52

Zinc oxide based PMMA nanocomposites as an effective UV absorber

Zorica Crnjak Oreš

IL 128 16:10-16:30.....C53

Chemical Modification of Glass Surface for Preparation Photochromic Polymer Films Resistant in Aqueous Solution

Ewelina Ortyl (Moved to poster session: C53)

IL 129 16:30-16:50.....C54

Investigation of Excited-State Properties of Fluorene-Thiophene Oligomers by the SAC-CI

Theoretical Approach

Potjaman Poolmee

OP 07 16:50-17:00.....C75

Interaction of Fluoroalkyl End-Capped 2-Acrylamide-2-Methylpropanesulfonic Acid Oligomer with a Variety of Ketones

Tetsushi Kijima

OP 08 17:00-17:10.....C76

Releasing Behaviors of Encapsulated Low Molecular Weight Aromatic Compounds into Fluoroalkyl End-Capped Acrylic Acid Oligomer/Silica Nanocomposites After Calcination at 800 °C

Mieko Kikuchi

OP 09 17:10-17:20.....C77

Thermal Degradation Behavior of Polypropylene in Melt State: Chain Scission Mechanism and Changes in Crystallization

Shengying Qian

OP 010 17:20-17:30.....C78

A Novel Approach to Produce Graphene

Jijia Cui

.....

19th October, 2011

Conference Room 1

Session 37: Advanced Semiconductors

Chairs: G.K. Gueorguiev
Yunze Long

	Page No.
KL 37 8:30-9:00.....	E10
Doping effects on the novel optical properties of single 1-d semiconductor nanostructures	
Bingsuo Zou	
KL 38 9:00-9:30.....	E11
Carbon Nanotubes Based Laser-Induced Micro-Actuators, Micro-Heat Source and Scaffolds for Assembly of Nanomaterials	
<u>Chorng Haur Sow</u>	
IL 130 9:30-9:50.....	E32
BiFeO ₃ Nanocrystal Thin Film – Magnetoelectric Properties and Novel Preparation	
<u>Nan-Loh Yang (Cancelled)</u>	
IL 131 9:50-10:10.....	E33
Synthesis, Properties and Applications of IV-VI Group Semiconductor Nanocrystals	
<u>Bo Zou</u>	
IL 132 10:10-10:30.....	E34
Atomically Flat Single-Crystalline Gold Nanostructures for Plasmonic Nanocircuitry	
<u>Jer-Shing Huang</u>	
COFFEE BREAK 10:30-10:50	

Conference Room 2

Session 38: Advanced Functional Polymers

Chairs: Claude Chevrot
Chuh-Yung Chen

	Page No.
KL 21 8:30-9:00.....	C4
Highly Efficient Preparation of Single Chain Janus Particles and their Self-Assembly	
<u>Daoyong Chen</u>	
KL 40 9:00-9:30.....	C10
Perspectives of Iron Pre-Catalysts in Ethylene Polymerization	
<u>Wen-Hua Sun</u>	
IL 133 9:30-9:50.....	C55
Molecular Imprinting in Hierarchically Structured Materials Using Pickering Emulsion Polymerization	
<u>Lei Ye</u>	
IL 134 9:50-10:10.....	C56
Fluorene / Dibenzothiophene-S,S-Dioxide Copolymers with Dual Photo- and Electroluminescence	
<u>Igor F. Perepichka</u>	
IL 135 10:10-10:30.....	C57
Sulfur Modification of Polymers for use in Asphalt Binders	

Ibnelwaleed Hussein

COFFEE BREAK 10:30-10:50

Conference Room 3

Session 39: Advanced Photomaterials

Chairs: Shu-Fen Hu

Grzegorz Milczarek

	Page No.
KL 41 8:30-9:00.....	D12
Inorganic Nanostructured Solar Cells	
<u>Changhui Ye</u>	
KL 42 9:00-9:30.....	D13
Nanometer Materials as the Counter Electrode of Dye-Sensitized Solar Cells: from Less Pt to Pt Free	
<u>Jianyong Ouyang</u>	
KL 43 9:30-10:00.....	D14
Computational Chemistry for Designing Functional Materials in Future Energy Technologies	
<u>Michihisa Koyama</u>	
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Unmodified Small-Molecule Organic Light-Emitting Diodes and Polymer Solar Cell by Blade Coating	
<u>Hsin-Fei Meng</u>	
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Hydrogen Production by Photoelectrochemically Splitting Solutions of Methanol Over TiO ₂	
<u>Lei Li</u>	

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Conference Room 5

Session 40: Advanced Neutron-Scattering Technologies and Applications

Chairs: Kenneth C. Littrell

Hsiao-Wen Zan

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<u>Vanessa K. Peterson</u>	
KL 45 9:00-9:30.....	I3
Neutron Depth Profiling of Lithium Transport in Micro-Batteries	
<u>Peter H.L. Notten</u>	
IL 137 9:30-9:50.....	H8
Photodynamics of the Flavins Lumiflavin and Lumichrome in Aqueous Solutions	
<u>Alfons Penzkofer</u>	
IL 138 9:50-10:10.....	H9
Photoluminescence in Er-doped Ge-As-Se Chalcogenide Thin Films	

Rongping Wang

COFFEE BREAK 10:30-10:50

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Session 41: Advanced Organic Materials

Chairs: Kazuya Kobiro

Stephane Parola

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Isotypic Porous Metal-Organic Framework Materials: Synthesis, Stability and Applications	
Sung Hwa Jung	
KL 47 9:00-9:30.....	A5
Integrated Reactions Using Addition to Conjugated Imines	
<u>Makoto Shimizu</u>	
IL 140 9:30-9:50.....	A10
Metal-Free, One-Step, and Green Synthesis of (Z)-Alk-3-Enoic Acids in Superheated Fluids	
<u>Kazuya Kobiro</u>	
IL 141 9:50-10:10.....	A14
Synthesis and Characterization of 2-Iminium-1,3-dithiolane: A New Family of Ionic Liquids	
<u>Azim Ziyaei Halimehjani</u>	
OP 022 10:10-10:20.....	A24
Enantioselective Synthesis of C3 Symmetric Chiral Triazasumanenes	
<u>Qitao Tan</u>	
OP 023 10:20-10:30.....	A25
Visual Chiral Recognition through Enantioselective Metallogel Collapsing: Synthesis, Characterization, and Application of Platinum–Steroid Low-Molecular-Mass Gelators	
<u>Weiwei Fang</u>	

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Conference Room A2

Session 42: Advanced Energy Storage and Conversion Materials

Chairs: Prof. Peter H.L. Notten

Prof. Guoxiu Wang

Prof. Shaokui Cao

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Hiroyuki Nishide	
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Jean-Pol Dodelet	
PL07 15:00-15:45.....	PL7
Optical and Electrical Responsive Mesoporous Organic-Silica Hybrids for Solar Energy Conversion	
Shinji Inagaki	

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Session 43: Advanced Biomaterials and Applications

Chairs: Dr. Andre-Jean Attias

Dr. Yutaka Kawahara

Prof. Ru-Shi Liu

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Recent Developments of Functional Nanomaterial-Based Pretreatment Methods for Mass Spectrometric Analysis in Proteomics Pengyuan Yang	
PL09 16:45-17:30	PL9
Poly lactides: Mechanisms of Controlled Synthesis, Some Properties and Applications Stanislaw Penczek	
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Bionanocomposite Materials: The State of the Art Yury Shchipunov	

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20th October, 2011

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Chairs: Wuzong Zhou

Amy Walker

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<u>Yong Zhou</u>	
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<u>Yunze Long</u>	
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Realistic atomistic modeling of pure and hydrogenated diamond-like carbon	
<u>Zhendong Sha</u>	
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Fabricating Substrate-Bonded One-Dimensional Nanostructures by Environment-Friendly Hydrogen Plasma Etching	
<u>Jiann Shieh</u>	
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<u>Ivan Vakarelski</u>	
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Session 45: Advanced Functional Nanomaterials

Chairs: Elodie Bourgeat-Lami

Ming Ding

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<u>Tao(Tom) WU</u>	
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<u>Faolang Xu</u>	
IL 149 11:20-11:40.....	E41
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<u>Haitao Ye</u>	
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Modified Ta ₃ N ₅ Photocatalyst for Hydrogen Production	
<u>Leny Yuliati</u>	
IL 151 12:00-12:20.....	E43
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<u>Shuxue Zhou</u>	

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Chairs: Jaroslaw Mysliwiec

Chao Gao

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<u>Markus Klapper</u>	
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<u>Akira Matsumoto</u>	
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<u>Youliang Zhao</u>	
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<u>Yong Zhang</u>	
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<u>Qiuyu Zhang</u>	
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Session 47: Advanced Energy Materials and Functional Polymers

Chairs: Markus Klapper

Akira Matsumoto

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<u>Zhaoping Liu</u>	
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<u>U. Paik</u>	
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<u>Huiqi Zhang</u>	
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<u>Gulzhakhan Yeligbayeva</u>	
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Syntheses of Novel Polyamides Bio-Based on Itaconic Acid with Diamines via Aza-Michael Addition/Amidation
Mohammad Asif Ali

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Session 48: Advanced Polymers and Applications

Chairs: Youliang Zhao

Hideo Sawada

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Zhongzhen Yu

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 Nanostructured Periodic Surfaces on Polymer Thin Films: Preparation and Properties

Tiberio Ezquerro

IL 160 14:10-14:30.....C66
 Organic and Organic-Inorganic Block Copolymers for Nanostructuring of Polymer Networks

Jean-Francois Gerard

IL 161 14:30-14:50.....C67
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Ismaeil Ghasemi

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Motonobu Goto

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M. Hanafi (Cancelled)

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Session 49: Advanced Polymers and Applications

Chairs: Gulzhakhan Yeligbayeva

Valerio Causin

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 Highly Functional Polymers by Three-Component Polycondensation

Ikuyoshi Tomita

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Muthusamy Paramasivam

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Hideo Sawada

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Massimo Lazzari

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Rungtiwa Chidthong

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Mengmeng Li

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I. Suleimenov

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Chairs: Nataliya Shwartz

Vladimir Svrcek

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Effects of Surface Chemistry of the Cathode Materials on Their Electrochemical Performances

Jaephil Cho

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Mesoporous Electrode Materials for Energy Storage Devices

Guoxiu Wang

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Nano-Structuring Lithium Metal Phosphates

Hyun-Kon Song

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Enhanced Properties of Self-organized Core-Shell Structured Cathode Materials in All-Solid-State Lithium Batteries

Xiaoxiong Xu

IL 170 10:10-10:30.....D36

Time-Resolved Spectroscopy of III-V Semiconductor Nanowires

Patrick Parkinson

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Session 51: Advanced Energy Materials

Chairs: Prem N. Gupta

Zhaohui Li

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Soojin Park

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Preparation of Core-Shell Battery Materials by Novel Dip Coating Methods

Angelika Basch

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Tin Nanoparticles in Carbon Containers: A Novel Powerful Anode for Li-based Batteries

Yan Yu

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Is Water an Additive in Lithium Ion Battery?

Fu-Ming Wang

OP 16 12:10-12:20.....D54
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Lili Liu

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Aqueous Supercapacitors of High Energy Density Based on MoO₃ Nanoplates as Anode Material

Wei Tang

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Session 52: Advanced Nanomaterials and Applications

Chairs: Jianyong Ouyang

Chanoch Carmeli

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Mei Cai

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The Fluorochemical Expansion Initiative (FEI): South African government’S fluorspar mineral beneficiation programme

Mahlori Jeffrey Mashimbye

IL 176 14:20-14:40.....D43
Peculiarities of axial and radial Si-Ge heterojunctions formation in nanowires – Monte Carlo simulation

Nataliya Shwartz

IL 177 14:40-15:00.....D44
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Vladimir Svrcak

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Chun-Guey Wu

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Mingmei Wu

COFFEE BREAK 15:40-16:00

Session 53: Advanced Nanomaterials and Applications

Chairs: Patrick Parkinson

Chun-Guey Wu

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Chanoch Carmeli

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<u>Haizheng Zhong</u>		
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<u>Chia-Hua Huang</u>		
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<u>Yanfei Shen</u>		
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<u>Yingping Zou</u>		
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<u>Lixia Wang</u>		

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Session 54: Advanced Neutron-Scattering Technologies and Applications

Chairs: Vanessa K. Peterson

Alfons Penzkofer

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<u>Kenneth C. Littrell</u>		
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<u>D. McGillivray</u>		
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<u>E. Rodriguez</u>		
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<u>N. Sharma</u>		
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<u>T. Saerbeck</u>		

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Chairs: Teunis van Ree
Makoto Shimizu

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<u>Zhibo Li</u>	
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<u>Marek Cypryk</u>	
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<u>X.W. Yuan</u>	
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<u>Ahmed Mohamed El-Toni</u>	
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<u>Fernando Langa</u>	
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<u>Huichen Zhang</u>	
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Session 56: Advanced Biomaterials and Applications
Chairs: Ahmed Mohamed El-Toni
Hiroaki Isago

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<u>Maxim Kiryukhin</u>	
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<u>Marek A Kozlowski</u>	
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<u>Fabienne Poncin-Epaillard</u>	
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<u>Rolandas Tomasiunas</u>	
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<u>Anna Jakubiak-Marcinkowska</u>	

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Session 57: Advanced Bio- and other Functional Materials

Chairs: Zhibo Li

Fernando Langa

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<u>Yoshihito Osada</u>			
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Modified Supports for Improving Activity and Selectivity of the Heterogeneous Catalysts			
<u>Mehran</u>			
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<u>Hiroaki Isago</u>			
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<u>Hiroto Kudo</u>			
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Furanoeremophilane as a new material for some Ligularia species in Yunnan and Sichuan			
<u>Chiaki Kuroda</u>			
IL 203	15:20-15:40	A21
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<u>Anjali Patel</u>			
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Session 58: Advanced Biomaterials and Chiral Materials

Chairs: Prof. Dr. Shizhang Qiao

Prof. Huamin Zhang

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The Protein-protected Gold-Nanoclusters and their Applications in Sensing			
<u>Yuqing Wu</u>			
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Preparation of Mesoporous Bioglass Coated Zirconia Scaffold for Bone Tissue Engineering			
<u>Cheng Yan</u>			
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<u>Hendrik Oktendy Lintang</u>			
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<u>Moonyong Shin</u>			
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Design and Application of Bio-Inspired Nanomaterials			
<u>Qinmin Pan</u>			

Poster Session:

Exhibition site: Conference Room A2

Time: 10:30-12:30, 19th October, 2011

No.	Author(s)	Title of Presentation
P1	G. Kądziołka, M. Gleń, A. W. Morawski, B. Michalkiewicz	Photocatalytic Reduction of Carbon Dioxide to C1 Organic Derivatives
P2	Shu Tian, Wei Tang, Lili Liu, Yuping Wu*	Enhanced Electrochemical Properties of PPy- LiCoO ₂ Cathode Material for ARLBs
P3	Xiaodong Guo, Shouqin Gao, Duxin Li, Peihua Lin, Chuan Dong, Shaomin Shuang*	Synthesis and Spectral Study of Two Novel Ict Compounds Containing Carbazole
P4	D. Guzeller, H. Ocak, B. Bilgin-Eran	Silylated Bent-Core Mesogens with Biphenyl Central Unit and Olefin Terminated Derivatives
P5	Zubair Hasan and Sung Hwa Jhung	Adsorptive Removal of Pharmaceuticals and Personal Care Products with Metal-Organic Frameworks
P6	In Joong Kang, Nazmul Abedin Khan, Sung Hwa Jhung*	Effect Of Central Metal Ions on the Chemical and Thermal Stability of Isotypic Metal-Organic Frameworks
P7	Nazmul Abedin Khan, Sung Hwa Jhung*	Isotypic Metal-Organic Frameworks, Metal-Benzenedicarboxylates, for Liquid-Phase Adsorption/Removal of Benzothiophene
P8	J. Ziebro, G. Kądziołka, B. Michalkiewicz	Synthesis of Nanocarbon Materials from Methane
P9	Myeong Hak Kim, Moonyong Shin, Hye Ryung Lee, Tae Hwan Ha, Jongho Jeon, Kyoo-Hyun Chung, Jin Seuk Kim, Young Gyu Kim	Synthesis and Nitration Study of Azapropellanes
P10	D. W. Kim, M. S. Park, S. D. Lee, D. W. Park*	Synthesis of Glycerol Carbonate from Glycerol and Urea Using Supported Ionic Liquid Catalysts
P11	K.N. Semenov*, N.A. Charykov, V.A. Keskinov	The Fullerenol Synthesis and Identification and Main Properties of The Fullerenol Water Solutions
P12	S. Hata, S. Ariga, I. Hachiya, M. Shimizu*	Titanium Tetrahalides Promoted Regioselective Ring-Opening and Reductive Aldol Reactions of Azetidin-3-Ones
P13	Fangzheng Su, Xinchen Wang, Markus Antonietti	Carbon Nitride-Photocatalyzed Aerobic Oxygenation of Tertiary Amines via Activation of sp ³ C-H Bond with Visible Light
P14	Warot Chotpatiwetchkul, Phornphimon Maitarad*, Suriya Tateing, Nawee Kungwan, Supa Hannongbua*	3d-QSAR Study of 2-Hydroxycyclohexylsulfonamide Derivatives Against Botrytis Cinerea
P15	Soledad Machado, Ana Acevedo, Graciela Borthagaray, Laura Capote, Malena Abud, María E. Lucas, Alicia Cuevas, Raúl Chiozzzone	Incorporating Silver Nanoparticles into Gels, Lotions and Creams: Broad Spectrum Antimicrobial Pharmaceuticals for Topical Use

P16	Eul Hye Jeon, Sung Kwang Lee*	QSAR Study To Predict Relative Binding Affinity For Androgen Receptor using Cats and Pharm Rdf Descriptors
P17	Haiyang Dou, Sun Tae Kim, Ki Hun Kim, Byung Chul Lee, Hyoun Soo Kim, Chul Kim, Seungho Lee*	Capability of Flow Field-Flow Fractionation (FLFFF) for Size-Characterization of Rdx Particles
P18	Ji Young Cha, Seung Bin Baek, Hee Cheon Lee, Chul Kim*	NMR Study on Conformation and Dynamics of Substance P in Acidic Bicelles
P19	Ji Young Cha, Chul Kim, Sung Kwang Lee*	A Mechanistic Interpretation and Prediction of the Rate Constants for the Gas-Phase Degradation of O ₃ , OH and NO ₃ Radicals: A QSPR Approach
P20	Jin Hee Jeong, Seungho Lee, Sung Kwang Lee*	QSPR Approach for Estimating Bioconcentration Factor of Diverse Organic Compounds Using 2d Molecular Descriptors and Machine Learning Methods
P21	John Wang Happy Tan, Li Xu	Bifunctional Peolated Fe ₃ O ₄ @SiO ₂ Nano Core-Shells via Bioinspired Silicification for Controlled Drug Delivery and MRI
P22	H. Azizi, J.Faghihi	The Effect of Nanoclay on the Properties of Styrene-Butadiene-Styrene Thermoplastic Elastomer and its Blend with Polyethylene and Polystyrene
P23	H. Bouchékif, S. Carlotti And A. Deffieux	Design of a Cross-Linking Poly(ε-Caprolactam) Copolymerization System for Mold Processes
P24	A.M. Gumerov, I.M. Davletbaeva	The Synthesis of Optically Transparent Mesoporous Polymers with Anionic Macroinitiator
P25	I.M. Davletbaeva1, R.S. Davletbaev, A.M. Gumerov1	Metalcoordinated Semiconducting Polyurethanes
P26	A. Mirabedini, M. Karrabi, I. Ghasemi, F. Abbassi	Stress Relaxation Behavior of NBR/Phenolic Resin
P27	S. Hossein Hosseini, A. Jafari Najaf Abadi	Synthesis and Characterization of Magnetic and Conductive Graphite Nanoflake / CoFe ₂ O ₄ Nanocomposites Based on Polypyrrole
P28	Seyed Hossein Hosseini, Maryam Moloudi	Preparation and Characterization of MnFe ₂ O ₄ Masked by TiO ₂ and Polythiophene
P29	Seyed Hossein Hosseini, Bahareh Farhadpour	Synthesis of Conducting Liquid Crystalline Polythiophene Containing Azobenzene Group under Electric Field
P30	Seyed Hossein Hosseini, Dina Alizadeh	Preparation of Carbon Flake Nanocomposite Based on Melamine-Formaldehyde (MF) Resins
P31	A.S. Samsudin, M.I.N. Isa	The Electrical and Ionic Conductivity on Carboxy Methylcellulose –NH ₄ Br Based Biopolymer Electrolytes System
P32	S. Wang, D. Kaneko, T. Kaneko*	Design of Light-driven Double-Shape-memory Polyesters Based on Coumarate Derivatives
P33	K. Kan, D. Kaneko, and T. Kaneko*	Thermotropic Bio-Based Polymers Derived from Wholly Aromatic Amino Acid and their Polarized Photoluminescence

P34	K. Yasaki, D. Kaneko, And T. Kaneko*	Real-Time Photodeformation Induced by Cinnamoyl Molecular Spring
P35	Q. T. Nguyen, M. K. Okajima,* T. Kaneko	Metal-Mediated Self-Assembly of Sulfated Polysaccharides Extracted from <i>Aphanothece Stagnina</i> Natural Gels
P36	Shuichi Kanno	Solvent Influences on the Ionic Liquid-Initiated Radical Polymerization
P37	Shunsuke Izumi, Masato Yoshida, Hideo Sawada*	Preparation of Novel Fluorinated Cooligomeric Nanoparticles-Encapsulated Rose Bengal Possessing Thermochromism Behavior
P38	T. Saito, H. Kakehi, Y. Kato, M. Miura, N. Isu, H. Sawada*	Preparation and Thermal Stability of Perfluoro-1,3-Propanedisulfonic Acid/Calcium Fluoride Nanocomposites
P39	T. Kijima, H. Sawada*	Immobilization Of Palladium Nanoparticles in Fluoroalkyl End-Capped Oligomeric Aggregate Cores and their Application in Catalysis
P40	Dong Eun Kang, Il Kim*	A Study on Air Bubble-Assisted Formation of Micro/Nano Scale Honeycomb Patterns of Polymer
P41	Min Hee Kim, Jing Wang, Il Kim*	Synthesis and Application of Amphiphilic Alkyl-Terminated Hyperbranched Polyglycidols
P42	Kyeong Mi Lee, Il Kim*	Synthesis of Thermostable Ni (II) A-Diimine Complexes Bearing Multi-Hydroxyl-Groups for Ethylene Polymerizations
P43	H. Tamezawa, T. Kumagai, S. Inoue, K. Yokoyama, Y. Matoba, M. Shibano, T. Uchibori, H. Aota, A. Matsumoto*	What Is the Fate of Resonance-Stabilized Monomeric Allyl Radical in Allyl Polymerization?
P44	K. Himei, H. Aota, A. Matsumoto	Ultrasonic Degradation of Network Polymers or Crosslink-System-Materials to Their Precursors
P45	T. Takamori, H. Aota, A. Matsumoto	Synthesis of Nanoparticles as Constituents of Crosslink-System-Materials by Free-Radical Crosslinking Monomethacrylate/Dimethacrylate Copolymerizations
P46	G. Mun, B. Yermukhambetova, Zh. Zhatkanbayeva, R. Mangazbayeva, R. Rakhmetullayeva, A. Toktabayeva	Formation of Interpolymer Complexes and Hydrophilic Associations and their Application in New Image Reproduction Systems
P47	A.V. Penkova, V.M. Vorotyntsev, I.V. Vorotyntsev, A.M. Toikka	Membrane Materials Based on Polymer Nanocomposites for Gas Separation
P48	I. Suleimenov*, V. Bublik And D.B. Shaltykova	Hydrophilic Associates: A New Material for Quasibiological Electronics
P49	Keda Wang, Lijun Liu, Fengyou Jin*	Synthesis of Superabsorbent Polymer from Eggshell Membrane
P50	Meng-Lan Jiang, Rong-Min Wang*, Jun-Feng Guo, Shao-Fei Zhang, Yu-Feng He	Preparation and Properties of Self-Cross-Linked Potato Starch-Based Graft Copolymer
P51	Ling Zhang, Yu-Feng He, De-Zhen Yan, Shi-Lei Liu, Rong-Min Wang*	Modification of Wheat Stalk Cellulose by Poly(Acrylic Acid) for Removing Lead Ions
P52	G. Yeligbayeva*, A. Shaikhutdinova, G. Irmukhametova, V. Bublik, E. Shaikhutdinov	Excitation of Suleimenov – Mun’S Waves at Polymer Composite Surface

P53	Pei-Yi Chang, Ruey-An Doong*	Facile Synthesis of Tin Nanoparticles Encapsulated in Ordered Mesoporous Carbon Matrix for Anode of Li-Ion Batteries
P54	Mohamed Ghenoun, Menouar Hanafi	Use of The Photovoltaic Technology and the Experience with the Solar Energy Electrification of Some Localities in The South of Algeria
P55	Yao Fu, Zhiqun Ye, Tingwei Cai, Lixia Wang, Shiyu Guan*	The Preparation and Characterization of Olivine LiFePO ₄ /C Doped with Li Phosphorous Sulfide
P56	Bingxiao Liu, Guangshuai Han, Bing Li*, Shiyu Guan*	Improved Low Temperature Performance of Lithium-Ion Cells with Monofluoroethylene Carbonate as the Electrolyte Additive
P57	G-Q. Li, N. Hiyama, M. Matsuo, M. Kano, S. Takagi, S. Semboshi, S. Orimo	Synthesis and Characterizations of Complex Hydride YMn ₂ H ₆
P58	F.X. Wang, G.L. Wang, Z.H. Jing*	Solvothermal Synthesis and Photocatalytic Performances of Nanometer Zinc Oxide
P59	Taseup Taseup Song, Junghyun Choi, Fan Xia Wonil Park, Seoung Hun Kim, Hansu Kim And Ungyu Paik*	Si Nanowires Branching with Carbon Nanofibers as an Anode Material for Lithium Ion Batteries
P60	H. X. Yang, T. Song, H. Park, H. Kim, U. Paik*	Nanofibers of Hybrid Polyaniline/Polyoxometalates ss Cathode Electrode for Lithium Ion Batteries
P61	N.L.Shwartz*, E.A.Mikhantiev, I.G.Neizvestny, S.V.Usenkov	Simulation of NC-Si Formation during SiO _x Layers Annealing
P62	Sylwia Ronka, Andrzej W. Trochimczuk	Novel Materials for Adsorptive Desulfurization of Liquid Fuels gor Fuel Cell Applications
P63	Zhenxuan Wang, Nan Wu, Kazuyuki Hirao	Efficient Visible-Light-Driven Overall Water Splitting by Abundant-Elements Based Photocatalyst
P64	X.J. Wang, Y.Y. Hou, H. Sun, F.X. Wang, Y.P. Wu*	Preparation of Three-Dimensionally Ordered Macro-Porous Copper and Nickel as Collector for Lithium Battery
P65	Y.Y. Hou, H. Sun, X.J. Wang, F.X. Wang, S.Y. Wang, Y.P. Wu*	LiFePO ₄ /MCNT Composites with Hierarchical Porosity as Ultra-Fast Cathode Material for ARLBs
P66	H. Sun, Y.S. Zhu, F.X. Wang, Y.P. Wu*	An Improved Method to Synthesize Lithium Bis(Oxalato)-Borate
P67	T.T. Zhu, Y.S. Zhu, S.Y. Xiao, F.X. Wang, Y.P. Wu*	Bromine Doped Polypyrrole Nanoparticles with High Rate and Cycling Performance
P68	Shiyin Xiao, Zhaohui Li*	Preparation of the Spherical and Porous Manganese Dioxide and its Electrochemical Properties
P69	Haiyan Zhang, Rui Lin, Chunhui Cao, Jianxin Ma	Preparation of Core-Shell Pt@Au/C Electrocatalysts with High Activity for Oxygen Reduction
P70	J. Ostrowska, E. Zygadlo-Monikowska*, N. Langwald, Z. Florjańczyk, W. Sadurski, P. Bołtomiuk, J. Frydrych	Synthesis and Electrochemical Properties of New Trifluoroalkoxyborate Lithium Salts
P71	J. Ostrowska, W. Sadurski, E. Zygadlo-Monikowska*, Z. Florjańczyk, N. Langwald, P. Kubisa, T. Biedroń	Application of Modified Imidazolium Ionic Liquids as Lithium Electrolyte Solvents

P72	Yi Ling Chiew, Kuan Yew Cheong	Effect of Different Ratios of Rice Husk Ash and Oil Palm Empty Fruit Bunch Fibers on The Formation of SiC Nanowires
P73	Dewei Chu	A Simple and Novel Route for Preparation of TiO ₂ Nanostructures and their Bio-Sensing Applications
P74	Min Zhou, Jiajia Cui, Tingting Liu, Shiyou Guan*	Ionic Liquid as Precursor for Graphene-Based Carbon Nitride Nanosheets with High Surface Area and Nitrogen Content
P75	Yong Hui Li, Chul Sung Kim*	Fabrication of Monodisperse MnFe ₂ O ₄ @SiO ₂ Microspheres with Core-Shell Structure
P76	Sun Tae Kim, Hyun Kyum Kim, Sun Ho Han, I Euo Chang Jung, Sung Kwang Lee, Seungho Lee*	Analysis of Size and Concentration of TiO ₂ Nanoparticles by Sedimentation Field-Flow Fractionation and Single Particle Mode of ICP-MS
P77	Jie Zheng*, Yunze Long, Jiayin Huang	Oriented and Twisted Polymer Nanofibers Prepared by Electrospinning with Dual Collection Frames
P78	Zhijia Zhang*, Yun-Ze Long, Hongxing Yin	Fabrication of Ordered Arrangement and Cross Structure Fluorescent Nanofibers via Centrifugal Electrospinning
P79	Nan Wu, Yasuhiko Shimotsuma, Masaaki Sakakura, Masayuki Nishi, Kiyotaka Miura, Kazuyuki Hirao	Photo-Initiation of ZnO Nanowire Formation by Femtosecond Laser Irradiation
P80	Won Suk Choi, Kuk Ro Yoon*	Novel Hollow PAH-FITC/TiO ₂ /Au Nanofiber Photocatalyst Fabricated by Electrospinning
P81	Ts. Dimitrov, M. Doynov, M. Stancheva	Study of Ceramic Pigments Using Waste Catalysts from Petroleum Refining Productions
P82	Hyun Tae Cho, Chul Sung Kim*	Magnetic And Mössbauer Studies For Mn _{1-x} Fe _x As
P83	Fengjiao Yu, Wuzong Zhou, Pascal Lignier, Bob Tooze	Early Stage Crystal Growth of Copper-Platinum Bimetallic Nanoalloys
P84	N. Marinova, N. Georgiev, V. Bojinov*	Facile Synthesis, Properties and Sensor Activity of 4-Aryloxy Substituted 1,8-Naphthalimides
P85	N. Georgiev, V. Bojinov	Design and Synthesis of Highly Photostable Blue Emitting 1,8-Naphthalimide as Fluorescent Sensor for Metal Cations and Protons
P86	C-L Chiang, C-Y Chen, C-S Lin	Preparation and Dispersion of Magnetite Nanofluids with High Solid Content by Wet Beads Milling
P87	M. Doynov, Ts. Dimitrov	New Ceramic Materials Synthesis Using Waste Catalysts From Petroleum Refining Productions
P88	K. Łuczka*, B. Grzmił, M. Gleń, K. Kowalczyk	Aluminium Calcium Phosphate as Anticorrosive Pigment
P89	Xiao-Xiao Li, Rong-Min Wang*, Gang Li, Yu-Feng He, Xiao-Chun Yin	Preparation and Properties of Self-Cross-Linked Potato Starch-Based Graft Copolymer
P90	K.C. Littrell, G Rother, L. Anovitz, D. Cole, C. L.M. Debeer-Schmitt	In-Situ Study of Kerogen Release and Metamorphism in Oil Shale by Sans

P91	Nadjet Bekhtaoui	The Treatment of the Liquid Rejects from the Petroleum Refinery of Arzew–Algeria to the Mediterranean Littoral
P92	T. Yamagata, J. Kuwabara, T. Kanbara*	Synthesis of Diketopyrrolopyrrole Derivative Having 1,1,4,4-Tetracyanobutadienes
P93	D. Guzeller, H. Ocak, Oznur Yaşa-Şahin, B. Bilgin-Eran	Effect of the Structural Modifications on the Mesomorphic Properties of Bent-Core Molecules
P94	Seung Min Kim*, Min Kyung Kang, Chang Yoon Kim, Ki Soo Kim, Weon-Pil Tai	Syntheses and Characterization of ZnO Nano-powder

5. Social Program

Note: (1) Free for the registered participants and the registered accompanying persons.

(2) The social program at the evening of 17th is exchanged with that of 18th October, 2011 due to some unexpected problem.

5.1 17 October, 2011:

18:30-18:45 Boarding buses at the gate of Danyuan (Professor) Restaurant

18:45-21:00 Departing and Watching Acrobat performance

5.2 18 October, 2011:

18:30-18:45 Boarding buses at the gate of Danyuan (Professor) Restaurant

18:45-21:00 Departing and Touring Pujiang River

***Please bring a coat with you in case of wind.**

5.3 20 October, 2011:

18:30-21:00: Awarding and Banquet.

5.4 21 October, 2011: City tour

8:00-8:15: Boarding buses at the Lobbies of Training Center and Baolong Hotels

9:30-11:30 Ascending Oriental Pearl and touring museum of Old Shanghai

13:00: Having lunch at the down-town

13:30-18:00: Touring silk museum and Chenghuang Temple, and going shopping

18:00: Returning to Fudan University

18:30 - 17:30: Dining at 3rd Floor, Danyuan (Professor) Restaurant

6. Lady Program

Note: Due to limited seats, this program is only available to registered accompanying persons.

6.1 17 October, 2011:

13:30: Boarding bus at the lobby of Baolong Hotel

13:30 - 17:00: Touring Shanghai Museum

6.2 18 October, 2011:

8:45: Boarding bus at the lobby of Baolong Hotel

8:45 - 16:00: Departing for Chongmin Island, touring National Dongping Forest Park and having lunch

6.3 19 October, 2011:

8:45: Boarding bus at the lobby of Baolong Hotel

8:45 - 16:00: Departing for Exhibition Center of World EXPO 2010 Shanghai and having lunch

6.4 20 October, 2011

13:30: Boarding bus at the lobby of Baolong Hotel

13:45 - 16:00: Touring around Fudan University including Jiangwan Campus

7. Post-Conference Tour

There are two routes for post-conference:

7.1 Route 1:

22 ~ 23 October, 2011

Route 1: Suzhou (蘇州) and Hangzhou (杭州) (Recommended for the first visitors to Shanghai) and the schedule is primarily as follows:

22 October, 2011

6:30 Morning call, having breakfast and check-out
07:30 Departing for Hangzhou City (杭州) at the Lobby of Baolong Hotel
09:00 Boating in West Lake
11:00 Lunch
12:30 Touring Su Bank (苏堤, 俗称苏公堤)
14:30 Touring Tiger Running Spring (虎跑泉)
17:30 Having dinner
18:30 Driving for Suzhou City and checking-in

23 October, 2011:

07:30 Morning call, having breakfast and check-out
08:30 Touring Hanshan Temple (寒山寺)
11:30 Lunch
12:30 Touring Hu Mountain (虎丘) and No. 1 Silk Factory of Suzhou
16:00 Back for Shanghai
Time back to Shanghai: 18:00 – 18:30
18:30-19:30: Dining at Professor Dining Room (教授餐厅), 3rd Floor of Danyuan Restaurant (旦苑餐厅三楼) (See page 1 for the address).

7.2 Route 2

21 ~ 23 October, 2011

Route 2: Huang Mountain (黃山) (Recommended for the frequent visitors to Shanghai) and the schedule is primarily as follows:

21 October, 2011:

06:30 Morning call, having breakfast and check-out
07:30 Departing for Huang Mountain
13:30 Lunch
14:00 Touring Chunxi Old Street
17:30 Dinner and checking-in

22 October, 2011:

Climbing to the top of Huang Mountain and accommodate at the top of Huang Mountain.

23 October, 2011:

Watch Sunrise and then going down from Huang Mountain.

12:00 Lunch
13:00 Back for Shanghai
Time back to Shanghai: 18:00 – 18:30
18:30-19:30: Dining at Professor Dining Room (教授餐厅), 3rd Floor of Danyuan Restaurant (旦苑餐厅三楼) (See page 1 for the address).

Note: The arrival time to Training Center, Shanghai will be about 18:00-18:30. If one has special requirement on boarding airplane, please tell us in advance so that we can provide special arrangement.

8. Index of participants including presentation sessions.

(Basically in alphabetic order of surname and given name. When there are several participants from one institute, all the participants will be put together in the name of the institute or correspondence author.

ID	Name	Country	Presentation Session, time and chair
11001	Wilhelm K. Aicher	Germany	Session 30, IL 96, 11:20-11:40 Chair Session 29
11002	Kensuke Akamatsu	Japan	Session 05, IL 08, 14:50-15:10
11003	M. Ali	Pakistan	Session 27, IL 87, 15:10-15:30
11004	Eugenia Alibrandi	Italy	Accompanion
11005	Grazia Sturniolo	Italy	Accompanion
11006	Giuseppe Alibrandi	Italy	Session 28, IL 89, 16:10-16:30
11007	Nabil Alkadasi	Yemen	Session 06, IL 13, 17:20-17:40
11008	Arenst Andreas Arie	Indonesia	Session 17, IL 49, 9:50-10:10
11009	Sachio Asaoka	Japan	Session 11, IL 30, 15:10-15:30
11010	André-Jean Attias	France	Session 03, KL 01, 13:30-14:00 Chair Session 43
11011	P.H. Aubert	France	Session 17, IL 50, 10:10-10:30 Chair Session 06
11012	Mohamad M. Ayad	Egypt	Session 18, IL 51, 11:20-11:40
11013	Hamed Azizi	Iran	Session 18, OP 04, 12:20-12:30 Poster Session
11014	Akira Baba	Japan	Session 29, IL 94, 9:50-10:10 Chair Session 31
11015	E. Iwuoha	South Africa	Chair Session 05
11016	P. G. L. Baker	South Africa	Session 18, IL 52, 11:40-12:00 Chair Session 05
11017	Lavinia Balan	France	Session 28, IL 88, 15:50-16:10
11018	Angelika Basch	Australia	Session 51, IL 172, 11:10-11:30 Chair Session 08
11019	Nadjet Bekhtoui	Iran	Poster Session
11020	Heinz Berke	Switzerland	Session 11, KL 12, 13:30-14:00 Chair Session 02
11021	Tadeusz Biela	Poland	Session 18, IL 53, 12:00-12:20 Chair Session 17
11022	Jin Bo	China	
11023	Nevena Vaskova Marinova	Bulgaria	Poster Session
11024	Nikolay Iliev Georgiev	Bulgaria	Poster Session
11025	Vladimir Bojinov	Bulgaria	Session 19, IL 54, 14:30-14:50
11026	Alberta Bonanni	Austria	Session 09, IL 19, 14:00-14:20
11027	Hassen Boucekif	France	Session 19, IL 55, 14:50-15:10 Poster Session
11028	Elodie Bourgeat-Lami	France	Session 05, IL 09, 15:10-15:30 Chair Session 45
11029	Pierre-François Brevet	France	Session 30, IL 97, 11:40-12:00
11030	Craig Martin Brown	USA	Session 25, KL 33, 9:00-9:30 Chair Session 27
11031	Christoph Bubeck	Germany	Session 19, IL 56, 15:10-15:30 Chair Session 20
11032	Renate Bubeck	Germany	Accompanion
11033	Mei Cai	USA	Session 52, KL 54, 13:30-14:00 Chair Session 23

11034	Shaokui Cao	China	Session 20, IL 57, 15:50-16:10 Chair Session 42
11035	Chanoch Carmeli	Israel	Session 53, IL 180, 16:00-16:20 Chair Session 52
11036	Esther Carmeli	Israel	Accompanion
11037	Valerio Causin	Italy	Session 20, IL 58, 16:10-16:30 Chair Session 49
11038	Chuh-Yung Chen	Taiwan, China	Session 20, IL 59, 16:30-16:50 Chair Session 38
11039	Chu-Shiang Chen	Taiwan, China	Session 30, IL 98, 12:00-12:20
11040	Daoyong Chen	China	Session 38, KL 21, 8:30-9:00
11041	Hailong Chen	USA	Session 07, IL 14, 14:00-14:20
11042	S.K. Chen	Malaysia	Session 10, IL 26, 16:40-17:00 Chair Session 09
11043	Yiwang Chen	China	Session 21 IL 63 9:50-10:10
11046	Yi Ling Chiew	Malaysia	Poster Session
11047	Claude Chevrot	France	Session 20, IL 57, 16:50-17:20 Chair Session 38
11048	Chen-Li Chiang	Taiwan, China	Poster Session
11049	Junya Chiba	Japan	Session 31, IL 99, 13:30-13:50
11050	Rungtiwa Chidthong	Thailand	Session 49, OP 13, 17:10-17:20
11051	Raul Chiozzone	Uruguay	Poster Session
11052	Jaephil Cho	South Korea	Session 50, KL 52, 8:30-9:00 Chair Session 07
11053	Dewei Chu	Australia	Poster Session
11054	Yu-Lun Chueh	Taiwan, China	Session 10, IL 27, 17:00-17:20
11055	Thibaud Coradin	France	Session 29, KL 34, 8:30-9:00 Chair Session 30
11056	Marek Cypryk	Poland	Session 55 IL 190 9:00-9:20
11057	A.M. Gumerov	Russia	Poster Session
11058	Ilsiya Davletbaeva	Russia	Poster Session
11059	Tomasz Dietl	Poland	Session 09, IL 20, 14:20-14:40 Chair Session 10
11060	Mihail Ivanov Doynov	Bulgaria	Poster Session
11061	Tsvetan Ivanov Dimitrov	Bulgaria	Poster Session
11062	Ming Ding	UK	Session 04, IL 06, 17:00-17:20 Chair Session 45
11063	Catherine Devillers-Dodelet	Canada	Accompanion
11064	Jean-Pol Dodelet	Canada	Session 42, 14:15-15:00
11065	Jinyong Dong	China	Session 17, KL 22, 9:00-9:30 Chair Session 19
11066	Pei-Yi Chang	Taiwan, China	Poster Session
11067	Ruey-An Doong	Taiwan, China	Session 04, IL 05, 16:40-17:00
11068	Jean Luc Duvail	France	Session 13, IL 37, 10:10-10:30 Chair Session 14
11069	Eglantina Benavente Espinosa	Chile	Poster session: E22
11070	Tiberio Ezquerra	Spain	Session 48, IL 159, 13:50-14:10
11071	Hongjin Fan	Singapore	Session 04, KL 03, 15:50-16:20 Chair Session 03
11072	Xinliang Feng	Germany	Session 05, KL 05, 14:00-14:30 Chair Session 17
11073	Katsushi Fujii	Japan	Session 23, IL 67, 14:30-14:50 Chair Session 21
11074	Shizuo Fujita	Japan	Session 09, IL 21, 14:40-15:00

11075	Takashi Funatsu	Japan	Session 32, IL 105, 15:50-16:10
11076	Chao Gao	China	Session 19, KL 24, 13:30-14:00 Chair Session 46
11077	Xingsen Gao	China	Session 14, IL 39, 12:10-12:30
11078	Yanfeng Gao	China	Session 26, IL 78, 11:10-11:30 Chair Session 27
11079	Qingsheng Gao	Germany	Session 11, IL 29, 14:50-15:10
11080	Ujjal K Gautam	India	Session 03, KL 02, 14:00-14:30 Chair Session 04
11081	Monikankana Sharma	India	Accompanion
11082	Jean-Francois Gerard	France	Session 48, IL 160, 14:10-14:30 Chair Session 18
11083	Ismaeil Ghasemi	Iran	Session 48, IL 161, 14:30-14:50
11084	Mohammad Karrabi	Iran	Poster Session
11085	Mohamed Ghenoun	Algeria	Poster Session
11086	Sedigheh Sayed	Iran	Accompanion
11087	Mehran Ghiaci	Iran	Session 57, IL 199, 14:00-14:20
11088	Marta Glen	Poland	Session 26, IL 79, 11:30-11:50
11089	Grzegorz Kadziolka	Poland	Poster Session
11090	Kinga Luczka	Poland	Poster Session
11091	Guillermo Gonzalez	Chile	Session 15, IL 41, 14:50-15:10 Chair Session 03
11092	Motonobu Goto	Japan	Session 48, IL 162, 14:50-15:10
11093	Guoyang Guan	Japan	Session 10, OP 02, 17:20-17:30
11094	Shiyou Guan	China	Cochairman
11095	Tingwei Cai	China	Session 04, OP 01, 17:20-17:30
11096	Jijia Cui	China	Session 36, OP 10, 17:20-17:30
11097	Yao Fu	China	Poster Session
11098	Guangshuai Han	China	Session 24, OP 05, 17:10-17:20
11099	Bingxiao Liu	China	Poster Session
11100	Lixia Wang	China	Session 53, OP 19, 17:30-17:40
11101	Huichen Zhang	China	Session 55, OP 020, 10:20-10:30
11102	Min Zhou	China	Poster Session
11103	Bing Li	China	Session 22, KL 28, 10:50-11:20 Chair Session 07
11104	G. K. Gueorguiev	Sweden	Session 15 IL 42 15:10-15:30 Chair Session 37
11105	Xiaodong Guo	China	Poster Session
11106	Prem N Gupta	India	Session 24, IL 70, 15:50-16:10 Chair Session 51
11107	Dilek Güzeller	Turkey	Poster Session
11108	Nihal Can	Turkey	Accompanion
11110	Chang-Sik Ha	South Korea	Session 16, IL 43, 15:50-16:10
11111	Azim Halimehjani	Ziyaei Iran	Session 41, IL 141, 9:50-10:10
11112	Kowsar Naeimiy	Iran	Accompanion
11113	M. Hanafi	Algeria	Session 48, IL 163, 15:10-15:30 (cancelled)
11114	Jianhua Hao	Hongkong, China	Session 29, IL 95, 10:10-10:30
11115	Jr-Hau He	Taiwan, China	Session 21, KL 27, 9:00-9:30 Chair Session 22
11116	Valerie Heroguez	France	Session 31, IL 104, 15:10-15:30 Chair Session 32
11117	Thai Hoang	Vietnam	Session 33, IL 110, 8:30-8:50

11118	A. Jafari Najaf abadi	Iran	Poster Session
11119	Bahareh Farhadpour	Iran	Poster Session
11120	S.H. Hosseini	Iran	Session 33, IL 111, 8:50-9:10
11121	Shohreh Kohpae	Iran	Accompanion
11122	Hsing-I Hsiang	Taiwan, China	Session 26, IL 80, 11:50-12:10
11123	Pai-Yi Hsiao	Taiwan, China	Session 32, IL 106, 16:10-16:30 Chair Session 58
11124	Junqing Hu	China	Session 14, KL 17, 10:50-11:20 Chair Session 04
11125	Linfeng Hu	China	Session 16, IL 44, 16:10-16:30
11126	Ning Hu	Japan	Session 03, IL 01, 14:30-14:50
11127	Chia-Hua Huang	Taiwan, China	Session 53, IL 182, 16:40-17:00
11128	Michael H. Huang	Taiwan, China	Session 16, IL 45, 16:30-16:50 Chair Session 18
11129	Jer-Shing Huang	Taiwan, China	Session 37, IL 132, 10:10-10:30
11130	Zhifene Huang	Hongkong, China	Session 15, IL 40, 14:30-14:50
11131	Ibnelwaleed Hussein	Saudi Arabia	Session 38, IL 135, 10:10-10:30
11132	Muhammad Idiris Saleh	Malaysia	Session 28, IL 90, 16:30-16:50
11133	Mazratul Adzfifi A. Rashid	Malaysia	Accompanion
11134	Siti Khatijah Othman	Malaysia	Accompanion
11135	Shinji Inagaki	Japan	Session 42, 15:00-15:45
11136	Mohd Ikmar Nizam Mohamad Isa	Malaysia	Session 33, IL 112, 9:10-9:30
11137	A.S. Samsudin	Malaysia	Poster Session
11138	Hiroaki Isago	Japan	Session 57, IL 200, 14:20-14:40 Chair Session 56
11139	Reiko Isago	Japan	Accompanion
11140	Christine Jérôme	Belgium	Session 29, KL 35, 9:00-9:30 Chair Session 31
11141	Zubair Hasan	South Korea	Poster Session
11142	InJoong Kang	South Korea	Poster Session
11143	Nazmul Abedin Khan	South Korea	Poster Session
11144	Sung Hwa Jung	South Korea	Session 41, KL 46, 8:30-9:00 Chair Session 11
11145	Chenglong Jia	Germany	Session 26, IL 81, 12:10-12:30
11146	Ming Jiang	China	Chair Session 02
11147	Yingyan Jiang	China	Honorable Chairman
11148	Meiyu Huang	China	
11149	Guoxin Jin	China	Session 11, KL 13, 14:00-14:30 Chair Session 12
11150	Wen-Tau Juan	Taiwan, China	Session 13, IL 35, 9:30-9:50
11151	G. Kadziolka	Poland	Poster Session
11153	Takaki Kanbara	Japan	Session 12, IL 31, 16:20-16:40
11154	Ryoko Kanbara	Japan	Accompanion
11155	Takuya Yamagata	Japan	Poster Session
11156	T. Kaneko	Japan	Session 19, KL 25, 14:00-14:30 Chair Session 20
11157	Maiko Okajima	Japan	Session 33, IL 113, 9:30-9:50
11158	Siqian Wang	Japan	Poster Session
11159	Mohammad Asif Ali	Japan	Session 47, OP 12, 12:20-12:30
11160	Kai Kan	Japan	Poster Session
11161	K. Yasaki	Japan	Poster Session
11162	Quyen Thi Le Nguyen	Japan	Poster Session
11163	Hway-Chuan Kang	Singapore	Session 06, IL 10, 16:20-16:40

11164	Kisuk Kang	South Korea	Session 07, IL 15, 14:20-14:40 Chair Session 24
11165	Shuichi Kanno	Japan	Session 33, IL 114, 9:50-10:10 Poster Session
11166	Yutaka Kawahara	Japan	Session 32, IL 107, 16:30-16:50 Chair Session 43
11431	Kawakami Naoaki	Japan	
11167	Vaidotas Kazukauskas	Lithuania	Session 21, IL 62, 9:30-9:50 Chair Session 22
11168	Eugene Khor	Singapore	Session 31, IL 102, 14:30-14:50
11169	Shunsuke Izumi	Japan	Poster Session
11170	Tomoya Saito	Japan	Poster Session
11171	Tetsushi Kijima	Japan	Session 36, OP 07, 16:50-17:00 Poster Session
11172	Mieko Kikuchi	Japan	Session 36, OP 08, 17:00-17:10
11173	Kiyoshi Kikukawa	Japan	Session 33, IL 115, 10:10-10:30 Chair Session 34
11174	Bok Jo Kim	South Korea	Accompanion
11175	Yong Hui Li	South Korea	Poster Session
11176	Hyun Tae Cho	South Korea	Poster Session
11177	Il Kim	South Korea	Session 17, IL 48, 9:30-9:50 Chair Session 19
11178	Dong Eun Kang	South Korea	Poster Session
11179	Min Hee Kim	South Korea	Poster Session
11180	Kyeong Mi Lee	South Korea	Poster Session
11181	Keon Jae Lee	South Korea	Session 31, IL 100, 13:50-14:10
11182	Sang Ouk Kim	South Korea	Session 04, IL 04, 16:20-16:40
11183	Seung Min Kim	South Korea	Poster Session: P94
11184	Weon Pill Tai	South Korea	Poster Session
11185	Yang Kim	South Korea	Session 28, IL 91, 16:50-17:10
11186	Myeong Hak Kim	South Korea	Poster Session
11187	Young Gyu Kim	South Korea	
11188	Moonyong Shin	South Korea	Session 58, OP 021, 17:00-17:10
11189	Maxim Kiryukhin	Singapore	Session 56, IL 194, 10:50-11:10
11190	Markus Klapper	Germany	Session 46, KL 49, 8:30-9:00 Chair Session 47
11191	Fu-Hsiang Ko	Taiwan, China	Session 16, IL 46, 16:50-17:10
11192	Kazuya Kobiro	Japan	Session 41, IL 140, 9:30-9:50 Chair Session 41
11193	Teruyuki Komatsu	Japan	Session 06, KL 06, 15:50-16:20 Chair Session 29
11194	Michihisa Koyama	Japan	Session 39, KL 43, 9:30-10:00
11195	Marek.A Kozlowski	Poland	Session 56, IL 195, 11:10-11:30
11196	S. Kucharski	Poland	Session 35, IL 121, 13:30-13:50
11197	Dirk Kuckling	Germany	Session 35, IL 122, 13:50-14:10 Chair Session 33
11198	Hiroto Kudo	Japan	Session 57, IL 201, 14:40-15:00
11199	Yaroslav V. Kudryavtsev	Russia	Session 35, IL 123, 14:10-14:30
11200	Chiaki Kuroda	Japan	Session 57, IL 202, 15:00-15:20
11201	YokoKuroda	Japan	Accompanion
11202	HyukSang Kwon	South Korea	Session 08, IL 18, 17:10-17:30
11203	Sidney Lang	Israel	Session 27, IL 82, 13:30-13:50 Chair Session 25
11439	Lili Lang	Israel	Accompanion
11204	Fernando Langa	Spain	Session 55 IL 193

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11205	Massimo Lazzari	Spain	Session 49, IL 167, 16:50-17:10
11206	Jong-Lam Lee	South Korea	Session 09, IL 22, 15:00-15:20
11207	Pooi See Lee	Singapore	Session 07, KL 07, 13:30-14:00 Chair Session 08
11208	Eul Hye Jeon	South Korea	Poster Session
11209	Haiyang Dou	South Korea	Poster Session
11210	Ji Young Cha	South Korea	Poster Session
11211	Ji Young Cha	South Korea	Poster Session
11212	Jin Hee Jeong	South Korea	Poster Session
11213	Sun Tae Kim	South Korea	Poster Session
11214	Chul Kim	South Korea	
11215	Sung Kwang Lee	South Korea	
11216	Ing-Chi Leu	Taiwan, China	Session 16, IL 47, 17:10-17:30
11218	Runwei Li	China	Session 09, KL 11, 13:30-14:00 Chair Session 10
11219	Zhaohui Li	China	Session 24, IL 71, 16:10-16:30 Chair Session 51
11220	Zhibo Li	China	Session 55, KL 55, 8:30-9:00 Chair Session 57
11221	Meiyong Liao	Japan	Session 15, KL 20, 14:00-14:30 Chair Session 14
11222	Kenneth C. Littrell	USA	Session 54, IL 185, 8:50-9:10 Chair Session 40
11223	Kenneth C. Littrell	USA	Poster Session
11224	Sophy Yiqiu Littrell	USA	Accompanion
11225	Bo-Tau Liu	Taiwan, China	Session 25, IL 76, 10:10-10:30
11226	Ru-Shi Liu	Taiwan, China	Session 08, KL 09, 16:10-16:40 Chair Session 43
11227	Shu-Fen Hu	Taiwan, China	Session 21, KL 26, 8:30-9:00 Chair Session 39
11228	Zhaoping Liu	China	Session 47, KL 51, 10:50-11:20
11229	Mengmeng Li	China	Session 49, OP 14, 17:20-17:30
11230	Yunze Long	China	Session 44, IL 143, 9:00-9:20 Chair Session 37
11231	Jie Zheng	China	Poster Session
11232	Zhijia Zhang	China	Poster Session
11233	Xuehong Lu	Singapore	Session 26, IL 77, 10:50-11:10 Chair Session 25
11234	Renzhi Ma	Japan	Session 15, KL 19, 13:30-14:00 Chair Session 13
11235	Pornpimon Maitarad	Thailand	Poster Session
11236	Mario Malinconico	Italy	Session 35, IL 124, 14:30-14:50
11237	Kaushik Mallick	South Africa	Session 35, IL 125, 14:50-15:10
11238	Yamaguchi Masayuki	Japan	Session 05, IL 07, 14:30-14:50
11239	Mahlori Jeffrey Mashimbye	South Africa	Session 52, IL 175, 14:00-14:20
11240	Eiji Masuda	Japan	
11241	Toshiyuki Masui	Japan	Session 10, IL 23, 15:40-16:00
11242	Fabrice Mathevet	France	Session 35, IL 126, 15:10-15:30 Chair Session 34
11243	Akira Matsumoto	Japan	Session 46, KL 50, 9:00-9:30 Chair Session 47
11244	Hajime Tamezawa	Japan	Poster Session
11245	Kota Himei	Japan	Poster Session
11246	Tomohiro Takamori	Japan	Poster Session

11247	Yasuo Matoba	Japan	
11248	D. McGillivray	New Zealand	Session 54, IL 186, 9:10-9:30
11249	Ladda Meesuk	Thailand	Session 27, IL 83, 13:50-14:10 Chair Session 28
11250	Yongfeng Mei	China	Session 13, KL 16, 9:00-9:30 Chair Session 15
11251	Hsin-Fei Meng	Taiwan, China	Session 39, IL 136, 10:00-10:20
11252	Grzegorz Milczarek	Poland	Session 22, IL 65, 12:10-12:30 Chair Session 39
11253	Ahmed Mohamed El-Toni	Saudi Arabia	Session 55, IL 192, 9:40-10:00 Chair Session 56
11254	Hideharu Mori	Japan	Session 06, IL 12, 17:00-17:20
11255	A. Mrzel	Slovenia	Session 16, OP 03, 17:30-17:40
11256	Klaus Müllen	Germany	Session 02, 10:55-11:40
11257	Grigoriy A. Mun	Kazakhstan	Session 17, KL 39, 8:30-9:00 Chair Session 18
11258	Grigoriy A. Mun	Kazakhstan	Poster Session
11259	Jaroslaw Mysliwiec	Poland	Session 06, IL 11, 16:40-17:00 Chair Session 46
11260	Mohamed Nasef	Malaysia	Session 23, IL 68, 14:50-15:10 Chair Session 24
11261	Hiroyuki Nishide	Japan	Session 42, 13:30-14:15
11262	Koh-hei Nitta	Japan	Session 34, IL 116, 10:50-11:10 Chair Session 33
11263	Shengying Qian	Japan	Session 36, OP 09, 17:10-17:20
11264	Peter H.L. Notten	Netherland	Session 40, KL 45, 9:00-9:30 Chair Session 42
11265	Nobuhiro Ohta	Japan	Session 10, IL 24, 16:00-16:20 Chair Session 09
11266	Mitsuhiro Okayasu	Japan	Session 25, IL 75, 9:50-10:10 Chair Session 26
11267	Zorica Crnjak Orel	Slovenia	Session 36, IL 127, 15:50-16:10 Chair Session 35
11268	Zorica Crnjak Orel	Slovenia	Accompanion
11269	Shin-ichi Orimo	Japan	Session 07, IL 16, 14:40-15:00 Chair Session 23
11270	Guanqiao Li	Japan	Poster Session
11271	Ewelina Ortyl	Poland	Poster Session, C53
11272	Yoshihito Osada	Japan	Session 57, KL 56, 13:30-14:00 Chair Session 58
11273	Akiyoshi Osaka	Japan	Session 30, KL 36, 10:50-11:20 Chair Session 32
11274	Hsin-Chiao Ouyang	Daniel USA	Session 02, 10:10-10:55
11275	Jianyong Ouyang	Singapore	Session 39, KL 42, 9:00-9:30 Chair Session 52
11276	Ungyu Paik	South Korea	Session 47, IL 156, 11:20-11:40
11277	Hansu Kim	South Korea	
11278	Seoung Hun Kim	South Korea	Poster Session
11279	Junghyun Choi	South Korea	
11280	Taseup Song	South Korea	Poster Session
11281	Fan Xia	South Korea	
11282	Hongxun Yang	South Korea	Poster Session
11283	Qinmin Pan	China	Session 58, IL 142, 17:10-17:30
11284	Chun-Wei Pao	Taiwan, China	Session 21, IL 64, 10:10-10:30
11285	Muthusamy	India	Session 49, IL 165, 16:10-16:30

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11286	Dae-Won Park	South Korea	Poster Session
11287	Moon Jeong Park	South Korea	Session 23, IL 69, 15:10-15:30
11288	Soojin Park	South Korea	Session 51, IL 171, 10:50-11:10
11289	Patrick Parkinson	Australia	Session 50, IL 170, 10:10-10:30 Chair Session 53
11290	Stephane Parola	France	Session 31, IL 103, 14:50-15:10 Chair Session 41
11291	Anjali Patel	India	Session 57, IL 203, 15:20-15:40
11292	Nainesh Patel	India	Session 22, IL 65, 11:50-12:10
11293	Stanislaw Penczek	Poland	Session 43, 16:45-17:30
11294	Agnieszka Dorota Pieczynska	Poland	Accompanion
11296	Anastasia Penkova	Russia	Poster Session
11297	Alfons Penzkofer	Germany	Session 40, IL 137, 9:30-9:50 Chair Session 54
11298	Igor F. Perepichka	UK	Session 38, IL 134, 9:50-10:10 Chair Session 36
11299	Vanessa K. Peterson	Australia	Session 40, KL 44, 8:30-9:00 Chair Session 54
11300	Fabienne Poncin-Epaillard	France	Session 56, IL 196, 11:30-11:50
11301	Potjaman Poolmee	Thailand	Session 36, IL 129, 16:30-16:50
11302	E. Rodriguez	USA	Session 54, IL 187, 9:30-9:50
11303	Hidehiro Sakurai	Japan	Session 11, IL 28, 14:30-14:50
11304	Fumio Sanda	Japan	Session 34, IL 120, 12:10-12:30 Chair Session 35
11305	Viorel Sandu	Romania	Session 27, IL 84, 14:10-14:30 Chair Session 28
11306	Akemi Sawada	Japan	Accompanion
11307	Hideo Sawada	Japan	Session 49, IL 166, 16:30-16:50 Chair Session 48
11308	K.N. Semenov	Russia	Poster Session
11309	Zhendong Sha	Singapore	Session 44, IL 144, 9:20-9:40
11310	N. Sharma	Australia	Session 54, IL 188, 9:50-10:10
11311	T. Saerbeck	Australia	Session 54, IL 189, 10:10-10:30
11312	Yury Shchipunov	Russia	Session 43, 17:30-18:15
11313	Vilas Shelke	India	Session 27, IL 85, 14:30-14:50
11314	Yanfei Shen	Japan	Session 53, IL 183, 17:00-17:20
11315	Fa-Nian Shi	Portugal	Session 12, IL 33, 17:00-17:20
11316	Jiann Shieh	Taiwan, China	Session 44, IL 145, 9:40-10:00
11317	Toyoshi Shimada	Japan	Session 12, KL 14, 15:50-16:20 Chair Session 11
11318	Makoto Shimizu	Japan	Session 41, KL 47, 9:00-9:30 Chair Session 55
11319	Sachiko Shimizu	Japan	Accompanion
11320	Shingo Hata	Japan	Poster Session
11321	Nataliya Shwartz	Russia	Session 52, IL 176, 14:20-14:40 Chair Session 50 Poster Session
11323	Hyun-Kon Song	South Korea	Session 50, IL 168, 9:30-9:50
11324	Sow Chorng Haur	Singapore	Session 37, KL 38, 9:00-9:30
11325	Franz Stelzer	Austria	Session 31, IL 101, 14:10-14:30
11326	Bao-Lian Su	Belgium	Session 23, KL 30, 13:30-14:00 Chair Session 21
11327	Fangzheng Su	Germany	Poster Session

11328	I. Suleimenov	Kazakhstan	Session 49, OP 15, 17:30-17:40
11329	Dina Shaltykova	Kazakhstan	Poster Session
11330	Wen-Hua Sun	China	Session 38, KL 40, 9:00-9:30 Chair Session 06
11331	Xueliang Sun	Canada	Session 23, KL 31, 14:00-14:30
11332	Vladimir Svrcek	Japan	Session 52, IL 177, 14:40-15:00 Chair Session 50
11333	Anna M. Szymczyk	Poland	Session 34, IL 119, 11:50-12:10
11334	Qitao Tan	Japan	Session 41, OP 022, 10:10-10:20
11335	Min Tang	UK	Session 34, IL 118, 11:30-11:50
11336	Elena Tarabukina	Russia	Session 34, IL 117, 11:10-11:30 Chair Session 36
11337	Laren M. Tolbert	USA	Session 18, KL 23, 10:50-11:20
11338	Barbara Ann Tolbert	USA	
11339	Rolandas Tomasiunas	Lithuania	Session 56, IL 197, 11:50-12:10
11340	Ikuyoshi Tomita	Japan	Session 49, IL 164, 15:50-16:10
11341	Masahiro Toyota	Japan	Session 12, IL 34, 17:20-17:40
11342	Andrzej W. Trochimczuk	Poland	Session 12, IL 32, 16:40-17:00 Chair Session 12
11343	Anna Jakubiak-Marcinkowska	Poland	Session 56, IL 198, 12:10-12:30
11344	Sylwia Ronka	Poland	Poster Session
11345	Kazuhito Tsukagoshi	Japan	Session 10, IL 25, 16:20-16:40
11346	Ivan Vakarelski	Saudi Arabia	Session 44, IL 146, 10:00-10:20 Chair Session 16
11347	Teunis van Ree	South Africa	Session 28, IL 92, 17:10-17:30 Chair Session 55
11348	Amy Walker	USA	Session 13, IL 36, 9:50-10:10 Chair Session 44
11349	Danyang Wang	Australia	Session 27, IL 86, 14:50-15:10
11350	Fu-Ming Wang	Taiwan, China	Session 51, IL 174, 11:50-12:10
11351	Guoxiu Wang	Australia	Session 50, KL 53, 9:00-9:30 Chair Session 42
11352	James Wang	USA	Session 05, KL 04, 13:30-14:00
11354	Keda Wang	China	Poster Session
11355	Ling Zhang	China	Poster Session
11356	Yong-Feng Zhu	China	Poster Session
11357	Rong-Min Wang	China	Session 32, IL 109, 17:10-17:30 Chair Session 31
11358	Yufeng He	China	Poster Session
11359	Rongping Wang	Australia	Session 40, IL 138, 9:50-10:10
11360	Xinqiang Wang	China	Session 03, IL 03, 15:10-15:30
11361	Zhenxuan Wang	Japan	Poster Session
11362	Na Wu	Japan	Poster Session
11363	Jerzy Warczewski	Poland	Session 25, KL 32, 8:30-9:00 Chair Session 26
11364	Gang Wei	Australia	Session 02, 11:40-12:25
11366	Chuan Wu	China	Session 07, IL 17, 15:00-15:20
11367	Chun-Guey Wu	Taiwan, China	Session 52, IL 178, 15:00-15:20 Chair Session 53
11368	Mingmei Wu	China	Session 52, IL 179, 15:20-15:40
11369	Tao(Tom) WU	Singapore	Session 45, IL 147, 10:40-11:00
11370	Tao(Tom) WU	Singapore	Session 25, IL 74, 9:30-9:50
11371	Yuping Wu	China	Cochairman
11372	Shu Tian	China	General Secretary, Poster Session

11373	Lei Li	China	Session 39, OP 11, 10:20-10:30
11374	Yusong Zhu	China	Session 24, OP 06, 17:20-17:30
11375	Lili Liu	China	Session 51, OP 16, 12:10-12:20
11376	Xiujiiong Wang	China	Poster Session
11377	Yuyang Hou	China	Poster Session
11378	Hong Sun	China	Poster Session
11379	Tingting Zhu	China	Poster Session
11380	Weiwei Fang	China	Session 41, OP 022, 10:20-10:30
11380a	Wei Tang	China	Session 51, OP 17, 12:20-12:30
11381	Faxing Wang	China	Poster Session
11382	Shiyin Xiao	China	Poster Session
11383	Yuqing Wu	China	Session 58, IL 204, 16:00-16:20
11384	Faqlang Xu	China	Session 45, IL 148, 11:00-11:20
11385	Xiaoxiong Xu	China	Session 50, IL 169, 9:50-10:10
11386	Cathy Cuihua Xue	USA	
11387	Kimihisa Yamamoto	Japan	Session 13, KL 15, 8:30-9:00 Chair Session 02
11388	Cheng Yan	Australia	Session 58, IL 205, 16:20-16:40
11390	Pengyuan Yang	China	Session 43, 16:00-16:45
11391	Changhui Ye	China	Session 39, KL 41, 8:30-9:00
11392	Haitao Ye	UK	Session 45, IL 149, 11:20-11:40
11393	Lei Ye	Sweden	Session 38, IL 133, 9:30-9:50
11394	Siyu Ye	Canada	Session 08, KL 08, 15:40-16:10
11395	Gulzhakhan Yeligbayeva	Kazakhstan	Session 47, IL 157, 12:00-12:20 Chair Session 49 Poster Session
11397	Yerengaip Shaikutdinov	Kazakhstan	
11398	Shu Yin	Japan	Session 14, IL 139, 11:50-12:10
11399	Won Suk Choi	South Korea	Poster Session
11400	Kuk Ro Yoon	South Korea	
11401	Yan Yu	China	Session 51, IL 173, 11:30-11:50
11402	Zhongzhen Yu	China	Session 48, IL 158, 13:30-13:50
11403	X.W. Yuan	New Zealand	Session 55, IL 191, 9:20-9:40
11404	Hendrik Lintang	Oktendy Malaysia	Session 58, IL 206, 16:40-17:00
11405	Leny Yuliati	Malaysia	Session 45, IL 150, 11:40-12:00 Chair Session 15
11406	Minhee Yun	USA	Session 29, IL 93, 9:30-9:50 Chair Session 30
11407	Hsiao-Wen Zan	Taiwan, China	Session 54, IL 184, 8:30-8:50 Chair Session 40
11408	Haining Zhang	China	Session 24, IL 72, 16:30-16:50
11409	Haiyan Zhang	China	Poster Session
11410	Huiqi Zhang	China	Session 47, IL 155, 11:40-12:00
11411	Jiujun Zhang	Canada	Session 08, KL 10, 16:40-17:10
11412	Qiuyu Zhang	China	Session 46, IL 154, 10:10-10:30
11413	Yanzhong Zhang	China	Session 32, IL 108, 16:50-17:10
11414	Yong Zhang	China	Session 46, IL 153, 9:50-10:10 Chair Session 16
11415	Yuanjian Zhang	Japan	Session 14, KL 18, 11:20-11:50
11416	Huijun Zhao	Australia	Session 01, 8:55-9:40
11417	Youliang Zhao	China	Session 46, IL 152, 9:30-9:50 Chair Session 48
11418	Haizheng Zhong	China	Session 53, IL 181, 16:20-16:40
11419	Shuxue Zhou	China	Session 45, IL 151, 12:00-12:20

11420	Wuzong Zhou	UK	Session 03, IL 02, 14:50-15:10 Chair Session 44
11421	Fengjiao Yu	UK	Poster Session
11422	Yong Zhou	China	Session 44, KL 48, 8:30-9:00
11423	Bingsuo Zou	China	Session 37, KL 37, 8:30-9:00
11424	Bo Zou	China	Session 37, IL 131, 9:50-10:10
11425	Yingping Zou	China	Session 53, OP 18, 17:20-17:30
11426	Ewa Zygadlo-Monikowska	Poland	Session 24, IL 73, 16:50-17:10
11427	Justyna Ostrowska	Poland	Poster Session
11428	Norbert Langwald	Poland	Poster Session
11429	Chunli Li	China	
11430	Takashi Itoh	Japan	Session 22, KL 29, 11:20-11:50
11439	Lili Lang	Israel	Accompanion
11440	Rashid Altamimi	Saudi Arabia	

