|  |  |
| --- | --- |
| Time: June 24 | Content |
| 08:00-08:20 | Opening Remarks |
| **Chair person：Rodney S. Ruoff** | |
| 08:20-09:10 | Eiichi Nakamura |
| 09:10-09:45 | Dirk M. Guldi |
| 09:45-10:05 | Photo |
| 10:05-10:30 | Coffee Break |
| **Chair person：Tatsuhisa Kato & Takeharu Haino** | |
| 10:30-10:55 | Yutaka Matsuo |
| 10:55-11:20 | Yutaka Maeda |
| 11:20-11:40 | Lai Feng |
| 11:40-12:00 | Hiroshi Ueno |
| 12:00-13:30 | Lunch |
| **Chair person：Xing Lu & Yutaka Matsuo** | |
| 13:30-13:55 | Ting Cai |
| 13:55-14:20 | Yoko Yamakoshi |
| 14:20-14:45 | Takeharu Haino |
| 14:45-15:10 | Steven Stevenson |
| 15:10-15:35 | Coffee Break |
| **Chair person：Steven Stevenson & Yasujiro Murata** | |
| 15:35-15:55 | Qianyan Zhang |
| 15:55-16:15 | Mitsuaki Suzuki |
| 16:15-16:35 | Xingfa Gao |
| 16:35-17:00 | Muqing Chen |
| 17:00-18:00 | Poster Session |
| 18:00-19:00 | Dinner |

|  |  |
| --- | --- |
| 标题Time: June 25 | Content |
| **Chair person：Dirk M. Guldi & Takeshi Akasaka** | |
| 08:00-08:35 | Rodney S. Ruoff |
| 08:35-09:10 | Hiroshi Imahori |
| 09:10-09:45 | Tatsuhisa Kato |
| 09:45-10:10 | Coffee Break |
| **Chair person：Josef Poblet & Zdenek Slanina** | |
| 10:10-10:35 | Toshiya Okazaki |
| 10:35-11:00 | Kentaro Tashiro |
| 11:00-11:20 | Ning Chen |
| 11:20-11:40 | Hiroshi Okada |
| 11:40-12:00 | Yuta Takano |
| 12:00-13:30 | Lunch |
| **Chair person：Hiroshi Imahori & Yoko Yamakoshi** | |
| 13:30-14:00 | Josef Poblet |
| 14:00-14:25 | Zdenek Slanina |
| 14:25-14:50 | Yasujiro Murata |
| 14:50-15:15 | Ken Kokubo |
| 15:15-15:40 | Coffee Break |
| **Chair person：Toshiya Okazaki & Ning Chen** | |
| 15:40-16:00 | Xing Lu |
| 16:00-16:22 | Maira R. Cerón Hernández |
| 16:20-16:40 | Michio Yamada |
| 16:40-17:00 | Peng Jin |
| 17:00-17:10 | Closing Remarks |
| 17:10-18:00 | Dinner |
| 19:00-21:00 | Han Show (Circus Performance) |

**Program (June 24)**

08:00-08:20 Opening Remarks

**Chair person：Rodney S. Ruoff**

08:20-09:10 Eiichi Nakamura (The Univ. of Tokyo, Japan)

Atomic Resolution Electron Microscopy for Organic Chemistry

09:10-09:45 Dirk M. Guldi (Univ. of Erlangen-Nurnberg, Germany)

Nanocarbons for Solar Energy Conversion Schemes

09:45-10:05 Photo

10:05-10:30 Coffee Break

**Chair person：Tatsuhisa Kato & Takeharu Haino**

10:30-10:55 Yutaka Matsuo (The Univ. of Tokyo, Japan/ Univ. of Sci. and Tech. of China)

Chemical Modification of Lithium-ion-containing [60]fullerene: Synthesis and Structural Characterization of Both [5,6]- and [6,6]-Methano[60]fullerenes

10:55-11:20 Yutaka Maeda (Tokyo Gakugei Univ., Japan)

Functionalization of single-walled carbon nanotubes: Control of their photoluminescence properties

11:20-11:40 Lai Feng (Soochow Univ., China)

Perylene-Based Composites as Effective and Inexpensive Electron Transport Layers for Polymer Solar Cells and Perovskite Solar Cells

11:40-12:00 Hiroshi Ueno (Northeast Normal Univ., China)

Electrochemical Reduction of Cationic Li+@C60: Isolation and Characterization

of Neutral Li@C60

12:00-13:30 Lunch

**Chair person：Xing Lu & Yutaka Matsuo**

13:30-13:55 Ting Cai (China Pharmaceutical University, China)

Positron emission tomography (PET) guided glioblastoma targeting by a fullerene-based nanoplatform with fast renal clearance

13:55-14:20 Yoko Yamakoshi (Swiss Federal Institute of Technology Zurich, Switzerland)

Water-soluble fullerene derivatives for bio-application

14:20-14:45 Takeharu Haino (Hiroshima Univ., Japan)

Chemical Properties of Edge-Functionalized Graphenes

14:45-15:10 Steven Stevenson (Purdue Univ., Fort Wayne, USA)

Plasma synthesis and Separation of Less-Common Endohedral Metallofullerenes

15:10-15:35 Coffee Break

**Chair person：Steven Stevenson & Yasujiro Murata**

15:35-15:55 Qianyan Zhang (Xiamen Univ., China)

Functional modification of corannulene and fullerene, and their applications

15:55-16:15 Mitsuaki Suzuki (Josai Univ., Japan)

Structural analysis of non-IPR endohedral metallofullerenes

16:15-16:35 Xingfa Gao (Jiangxi Normal Univ., China)

Mechanisms of the enzyme-like activities of graphene oxides

16:35-17:00 Muqing Chen

Metallofullerene-Based Lewis Acid-Base Pairs

17:00-18:00 Poster Session

18:00-19:00 Dinner

**Program (June 25)**

**Chair person：Dirk M. Guldi & Takeshi Akasaka**

08:00-08:35 Rodney S. Ruoff (IBS Center for Multidimensional Carbon Materials, Korea)

Fullerenes, nanotubes, graphene, and diamond at the CMCM

08:35-09:10 Hiroshi Imahori (Kyoto Univ., Japan)

Photoinduced Electron transfer in Functionalized Nanocarbons

09:10-09:45 Tatsuhisa Kato (Kyoto Univ., Japan)

High Spin States of Metallofullerenes

09:45-10:10 Coffee Break

**Chair person：Josef Poblet & Zdenek Slanina**

10:10-10:35 Toshiya Okazaki (AIST, Japan)

Dispersion states of carbon nanotubes in solvents and polymers

10:35-11:00 Kentaro Tashiro (NIMS, Japan)

Controlled Sequence as a Research Target in Chemistry and Materials Science

11:00-11:20 Ning Chen (Soochow Univ., China)

New Frontier in Fullerene Chemistry: Unique bonding motifs and cage structures in Actinide Endohedral Fullerenes

11:20-11:40 Hiroshi Okada (The Univ. of Tokyo， Japan)

Derivatization of Lithium-ion-containing fullerene, Li+@C60

11:40-12:00 Yuta Takano (Hokkaido Univ., Japan)

Unique Properties of Paramagnetic Endohedral Metallofullerenes for the Future Molecular Tools

12:00-13:30 Lunch

**Chair person：Hiroshi Imahori & Yoko Yamakoshi**

13:30-14:00 Josef Poblet (Univ. of Rovira i Virgili, Spain)

Electronic structure and growth of endohedral metallofullerenes

14:00-14:25 Zdenek Slanina (Huazhong Univ. of Sci. and Tech., China)

Evaluations of Endohedral Stabilities

14:25-14:50 Yasujiro Murata (Kyoto Univ., Japan)

Synthesis of Endofullerenes by Molecular Surgery

14:50-15:15 Ken Kokubo (Osaka Univ., Japan)

Synthesis of polyhydroxylated and Li ion-encapsulated fullerene derivatives

15:15-15:40 Coffee Break

**Chair person：Toshiya Okazaki & Ning Chen**

15:40-16:00 Xing Lu (Huazhong Univ. of Sci. and Tech., China)

Structures and chemical properties of new metallofullerenes

16:00-16:20 Maira R. Cerón Hernández (Lawrence Livermore National Laboratory, USA)

Bis-1,3-dipolar Cycloaddition of M3N@Ih-C80 (M = Sc, Lu, Y and Er) and [60]Fullerene-grafted 3D Mesoporous Graphene Macro-Assemblies (GMAs)

16:20-16:40 Michio Yamada (Tokyo Gakugei Univ., Japan)

Unveiling the unique chemical reactivity of endohedral metallofullerenes

16:40-17:00 Peng Jin (Hebei Univ. of Tech., China)

Comparative study on the N-heterocyclic carbene adducts of Ih-C60, D5h-C70 and Sc3N@Ih-C80

17:00-17:10 Closing Remarks

17:10-18:00 Dinner

19:00-21:00 Han Show (Circus Performance)

**Poster Session**

**P1-Laura Abella:** On the formation of Chlorofullerenes.

**P2-DongYi Ao:** Influence of nickel content in the copper-nickel alloy on the growth of graphene.

**P3-Yajuan Hao:** Isomeric Sc2O@C78 Related by a Single-Step Stone-Wales Transformation: Key Links in an Unprecedented Fullerene Formation Pathway.

**P4-Fei Jin:** Skeletal Transformation of a Classical Fullerene C88 into a Nonclassical Fullerene Chloride C84Cl30 Bearing Quaternary Sequentially Fused Pentagons.

**P5-Cheng Li:** An endohedral metal's metastable structure was detected inside Gd@*C*2v(9)-C82 metallofullerene when co-crystallized with α-S8.

**P6-Fa-Bao Li:** Metal-free-mediated synthesis of fulleropyrrolines by the reaction of [60]fullerene with β-substituted ethylamines.

**P7-Jie Li:** Ethylenediamine Functionalized Fullerene Nanoparticles as Electron Transport Layer for Inverted Polymer Solar Cells.

**P8-Meng-Yang Li:** Vanadium Enact a Determinant Destabilizing Role in VxSc3-xN@*Ih*(31924)-C80(0≤x≤3).

**P9-Qiaozhi Li：** Theoretical characterization on endohedral metallofullerene La2C94.

**P10-Song Wang:** Singly Bonded Monoadduct rather than Methanofullerene: Manipulating the Addition Pattern of Trimetallic Nitride Clusterfullerene through One Endohedral Metal Atom Substitution.

**P11-GuanWu Wang:** Functionalization of [60]fullerene initiated by palladium-catalyzed C-H activation.

**P12-Taishan Wang:** Paramagnetic metallofullerenes and spin manipulation.

**P13-Bo Wu:** Photoexcited Electron Dynamics of Scandium Endohedral Metallofullerenes.

**P14-Dan Xu:** Synthesis of Homoazafullerene and Azahomoazafullerene.

**P15-Yaofeng Wang:** Synthesis, Isolation and Characterization of Thorium Based Endohedral Actinide Fullerenes.

**P16-Xingxing Zhang:** Synthesis, isolation and characterization of novel Uranium-Based Endohedral Fullerenes.

**P17-Hao Zhang:** Hydrolysis initiated domino-process on the rim of open-cage C60 derivatives including decarbonylation and double dehydration.

**P18-Pei Zhao:** Bingel-Hirsch Reaction on Sc2C2@*C*3*v*(8)-C82.

**P19-Xianjun Zhu:** Simply Controlling the Morphologies of Fullerenes: from Cubic to Dice-Shaped Fullerenes Crystals.

**P20-Wangqiang Shen:** Isolation and Structural Characterization of Lu2C2n.

**P21-Changwang Pan:** Synthesis and Structural Elucidation of Y2C2@C2n (2n = 86, 88 and 90).

**P22-Bo Jin:**Chlorofullerene C60Cl6: A Precursor for Straightforward Preparation of Highly Water Soluble Poly-hydroxypyridinone Fullerene Derivatives as Potential Radionuclide Chelators