

1st International Symposium on Nanocarbons (ISNC2013)

-- Fullerenes, Endofullerenes, Carbon Nanotubes, Graphenes
and Carbon Nanostructures

(第一届国际纳米碳材料学术研讨会)

Date: **June 16th – 21st, 2013**

Venue: University Lecture Hall (东活 5 楼报告厅), USTC, Hefei, China

Program

<u>June 16, 2013 (Sunday)</u>	
Registration: JiangNanChun Grand Hotel	
<u>June 17, 2013 (Monday)</u>	
8:30-8:45	Welcome and Opening Remarks: Shangfeng Yang (Symposium organizer) Prof. Kexin Chen (Division Director, National Natural Science Foundation of China) Prof. Chusheng Chen (Vice President of University of Science and Technology of China)
	Chair: Yalin Lu (University of Science and Technology of China, China)
8:45-9:30	PL: Wolfgang Krätschmer (Max-Planck-Institut für Kernphysik, Germany) The Impact of C ₆₀ in Science
<u>9:30-10:00</u>	Photo; Coffee break
<u>10:00-12:25</u>	Chair: Rodney S. Ruoff (The University of Texas at Austin, USA)
10:00-10:35	KN_1: Takeshi Akasaka (University of Tsukuba, Japan) New Vistas in Fullerene Endohedrals
10:35-11:10	KN_2: Chun-Ru Wang (Institute of Chemistry, CAS, China) Fullerene Application in Polymer Solar Cells
11:10-11:45	KN_3: Steven Stevenson (Indiana-Purdue University (Fort Wayne), USA) Synthesis and Separation Strategies for Metallic Oxide and Metallic Nitride Endohedral Metallofullerenes
11:45-12:05	IS_1: Xing Lu (Huazhong University of Science and Technology, China) Carbide Clusters in Carbon Cages: Structural Elucidation and Chemical Modification
12:05-12:25	IS_2: Baoyun Sun (Institute of High Energy Physics, CAS, China) Preparation and Characterization of Endohedral Metallofullerene-Containing Polymers
<u>12:25-14:00</u>	Lunch
<u>14:00-16:10</u>	Chair: Maurizio Prato (Universita` di Trieste, Italy)

14:00-14:35	KN_4: Rodney S. Ruoff (The University of Texas at Austin, USA) Graphene-based, Graphene-derived, and new Carbon Materials
14:35-15:10	KN_5: Yunqi Liu (Institute of Chemistry, CAS, China) Controlled synthesis of graphene and its electronic properties
15:10-15:30	IS_3: Chunxiang Xu (Southeast University, China) Ultrasonication-Assisted Self-Assembly of Graphene Oxide
15:30-15:50	IS_4: Xingbin Yan (Lanzhou Institute of Chemical Physics, CAS, China) Application of Graphene Quantum Dots for Supercapacitors
15:50-16:10	IS_5: Xiaojun Wu (University of Science and Technology of China, China) Carbon Superarchitecture at Nanoscale
16:10-18:10	Poster Session; Coffee break
18:10-20:10	Banquet
<u>June 18, 2013 (Tuesday)</u>	
8:30-10:20	Chair: Chun-Ru Wang (Institute of Chemistry, CAS, China)
8:30-9:05	KN_6: Su-Yuan Xie (Xiamen University, China) Synthesis, isolation, and functionalization of novel fullerenes
9:05-9:40	KN_7: Sergey I. Troyanov (Moscow State University, Russia) Structures and Chemistry of Higher Fullerenes
9:40-10:00	IS_6: Guan-Wu Wang (University of Science and Technology of China, China) Functionalization of [60]Fullerene via Palladium-Catalyzed C–H Activation Reactions
10:00-10:20	IS_7: Liming Ding (National Center for Nanoscience and Technology, China) Novel Fullerenes for OPV Application
10:20-10:40	Coffee break
10:40-12:30	Chair: Dirk M. Guldi (University of Erlangen-Nuremberg, Germany)
10:40-11:15	KN_8: Maurizio Prato (Universita` di Trieste, Italy) Synthesis and Applications of Functionalized Carbon Nanotubes
11:15-11:50	KN_9: YuHuang Wang (University of Maryland, USA) Defect Chemistry of sp^2 Carbon Lattices
11:50-12:10	IS_8: Yutaka Maeda (Tokyo Gakugei University, Japan) Functionalization of Single-walled Carbon Nanotubes
12:10-12:30	IS_9: Rufang Peng (Southwest University of Science and Technology, China) New Reactions of [60]Fullerene with Alkyl Halides and Amino Acids to Synthesize Fulleropyrrolidines
12:30-14:00	Lunch
14:00-15:50	Chair: Su-Yuan Xie (Xiamen University, China)
14:00-14:35	KN_10: Alexey A. Popov (Leibniz-Institute for Solid State and Materials Research (IFW) Dresden, Germany) Endohedral Electrochemistry: tuning the charge and spin states of metal atoms inside the carbon cage

14:35-15:10	KN_11: Liangbing Gan (Peking University, China) Rational synthesis of open-cage and heterofullerene derivatives starting from C ₆₀
15:10-15:30	IS_10 [PF_2]: Ning Chen (Soochow University, China) Synthesis, Isolation and Characterization of Sulfide Clusterfullerenes
15:30-15:50	IS_11: Yu Wang (Chongqing University, China) Designed Synthesis of the Hierarchical Carbon-based Composites as Superior Electrodes for Electrochemical Energy Storage Devices
15:50-16:10	Coffee break
16:10-17:35	Chair: Takeshi Akasaka (University of Tsukuba, Japan)
16:10-16:45	KN_12: Dirk M. Guldi (University of Erlangen-Nuremberg, Germany) Implementation of Nanocarbons in Solar Energy Conversion Schemes
16:45-17:15	IS_12: Jinsong Hu (Institute of Chemistry, CAS, China) Designing Carbon-based Nanocatalysts with Enhanced Electrocatalytic Performance for Fuel Cell Applications
17:15-17:35	IS_13: Wei Chen (Suzhou Institute of Nano-tech and Nano-bionics, CAS, China) Carbon Nanotube/Graphene based Bio-inspired Actuator
17:35-17:50	Best Student Poster Awarding
17:50-18:00	Closing Remarks: Yalin Lu (University of Science and Technology of China, China)
18:00	Dinner
<u>June 19 - 20, 2013 (Wednesday - Thursday)</u>	
7:30	Tour to Yellow Mountain
<u>June 21, 2013 (Friday)</u>	
Departure	

PL – Plenary Speaker; KN – Keynote Speaker; IS – Invited Speaker