New Academicians and Foreign Members of the Chinese Academy of Sciences

The Chinese Academy of Sciences (CAS) elects new academicians and foreign members biennially. Membership of the CAS is the highest national academic honor in the field of science and technology, and we feature those recently elected to the Chemistry Division here.

Lijia An (State Key Laboratory of Polymer Physics and Chemistry, Changchun Institute of Applied Chemistry (CIAC), CAS) studied at Jilin University, where he completed his PhD (supervised by Bingzheng Jiang) in 1992. He was subsequently made assistant professor at the Polymer Physics Laboratory, CIAC, CAS, and from 1995–1997, he was an Alexander von Humboldt Fellow hosted by Bernhard A. Wolf at the University of Mainz. In 1997, he returned to the CIAC, CAS, where he is currently Professor of Polymer Physics in the State Key Laboratory of Polymer Physics and Chemistry, and also Director of the CIAC, CAS. An's research interests include nonlinear rheology of entangled polymer melts and fluid dynamics of dilute polymer solutions. He has reported in the *Journal of Applied Polymer Science* on resin transfer molding processes.[1]

Yuliang Li (Institute of Chemistry, CAS, Beijing) studied at Beijing University of Chemical Technology. He has worked as a visiting scholar and visiting professor at the University of Amsterdam, the Notre Dame Radiation Laboratory at University of Notre Dame, and the University of Hong Kong. His research interests include the design and synthesis of photo- and electroactive molecular heterojunction materials, and nanoscale and nanostructured materials. He has reported in *Small* on graphene electrodes.[2]

Yunqi Liu (Institute of Chemistry, CAS, Beijing) studied at Nanjing University, and in 1975, he joined the Institute of Chemistry, CAS, where he is currently professor. From 1985–1988, he carried out PhD studies with Akira Yamada, Kiyotaka Shigehara, and Hiroyuki Sasabe at RIKEN, Japan, and from 1997–1998, he was a visiting scholar in the group of Alex K.-Y. Jen at Northeastern University. He also received a PhD degree (supervised by Yoshio Imai) from the Tokyo Institute of Technology in 1991. Liu's research interests include the design and synthesis of molecular materials (including π-conjugated low-molecular-weight compounds, polymers, and graphenes) and the fabrication and properties of devices containing these materials. He has reported in *Advanced Materials* on monolayer hexagonal boron nitride.[3]

Shi-Gang Sun (Xiamen University) studied at Xiamen University and carried out his doctorate (completed in 1986) with Jean Clavilier at the Université Pierre et Marie Curie (Paris VI). After a year of postdoctoral research with Clavilier at the Laboratoire d'Electrochimie Interfaciale du CNRS, he returned to Xiamen University, where he was made professor in 1991. Sun's research includes electroanalysis, electrochemical surface science, spectroelectrochemistry, and nanomaterials, as well as electrocatalysis and fuel-cell catalysts. He has reported in *ChemElectroChem* on lithium-rich cathode materials.[4]

Weihong Tan has been previously featured in an Author Profile.[5a] He has recently reported in *Angewandte Chemie* on a DNAzyme–MnO_2 system for gene silencing.[5b] Tan is on the Editorial Board of *ChemBioChem* and the International Advisory Board of *Chemistry—An Asian Journal*.

Yong Tang (Shanghai Institute of Organic Chemistry (SIOC), CAS) studied at Sichuan Normal University and received his PhD degree in 1996 from the SIOC, CAS for work jointly supervised by Yao-Zeng Huang and Li-Xin Dai. He subsequently carried out postdoctoral research with Yian Shi at Colorado State University (1996–1997) and with Alan Kozikowski at Georgetown University (1997–1999). In 1999, he joined the faculty at the SIOC, where he was made professor in 2000. His research interests include the development of new synthetic methodology, including the use of ylide chemistry in organic synthesis and asymmetric catalysis, and also olefin polymerization catalysts. He has reported in *Angewandte Chemie* on the enantioselective synthesis of 3a-aminopyrroloindolines.[6]

Zhenfeng Xi (College of Chemistry, Peking University) studied at Xiamen University, Nanjing University, and the Henan Institute of Chemistry, and worked with Tamotsu Takahashi at the Institute for Molecular Sciences, Okazaki for his PhD (awarded in 1996). From 1996–1997, he carried out postdoctoral research with Takahashi at Hokkaido University, and from 1997–1998, he was assistant professor there. In 1998, he moved to Peking University, where he was made professor in 1999. Xi's research program currently involves the chemistry of organodimetallic reagents, with particular focus on 1,3-butadienyl dianions as non-innocent ligands for the synthesis of aromatic metallacycles. He has reported in *Angewandte Chemie* on aromatic rhodacycles.[7] Xi is on the Editorial Board of the *Asian Journal of Organic Chemistry*.

Jihong Yu (State Key Laboratory of Inorganic Synthesis and Preparative Chemistry, College of Chemistry, Jilin University) studied at Jilin University, where she completed her PhD (supervised by Ruren Xu) in 1995. From 1996–1997, she carried out postdoctoral work with Ian D. Williams at the Hong Kong University of Science and Technology, and in 1997, she joined the faculty at Jilin Univer-

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L. An


Y. Li


Y. Liu


S.-G. Sun


W. Tan


Y. Tang


Z. Xi


J. Yu


S. Zhang


R. H. Grubbs

sity, where she is currently professor. Yu is interested in the rational design and synthesis of zeolitic nanoporous functional materials. She has reported in *Angewandte Chemie* on a gallogermanate zeolite.[8]

Suojiang Zhang (Institute of Process Engineering (IPE), CAS) studied at Henan University and Henan Normal University, and completed his PhD (supervised by Shijun Han) in 1994 at Zhejiang University. From 1994–1995, he was a postdoctoral fellow with Wenchuan Wang at Beijing University of Chemical Technology, and from 1995–1997, he was a research fellow with Kazuo Kojima and Toshihiko Hiaki at Nihon University, Tokyo. From 1997–2001, he worked at the Mitsubishi Chemical Company, Japan, and in 2001, he was made professor at the IPE, CAS, where he is currently Director General. Zhang's research involves the properties and applications of ionic liquids. He has reported in *ChemElectroChem* on aluminum electrodeposition from ionic liquids.[9]

Robert H. Grubbs (California Institute of Technology) has been elected a Foreign Member of the CAS. Grubbs was awarded the Nobel Prize in Chemistry 2005 jointly with Richard R. Schrock and Yves Chauvin for their work on metathesis reactions.[10a] Grubbs, who was featured here when he won the American Chemical Society Roger Adams Award in Organic Chemistry,[10b] has recently reported in *ChemCatChem* on equilibrium ring-opening metathesis polymerization of cyclic olefins.[10c] He is on the International Advisory Board of *Chemistry—An Asian Journal* and the Honorary Board of *ChemCatChem*.

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In this section, we report on various awards for chemists who are closely connected with *Angewandte Chemie* and its sister journals as authors, referees, or board members.