

Speaker biographies



Professor Xiaoming Feng, Sichuan University

Xiaoming Feng was born in China in 1964. Between 1981 and 1988, he studied chemistry at Lanzhou University and received his B.S. in 1985 and M.S. in 1988 from the same university. Then he became an associate professor at Southwest Normal University in 1991 until 1993. In 1996, he received his PhD from Chinese Academy of Sciences under the supervision of Professors Zhitang Huang and Yaozhong Jiang. After his postdoctoral research at Colorado State University (1998-1999) with Professor Yian Shi, he went back to Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences as a professor (1999-2000). In 2000, he moved to Sichuan University as a professor of chemistry. He has been awarded the Special Professor of the Changjiang Scholars by the Ministry of Education of China (2005), the National Science Fund for Distinguished Young Scholars (2002). He is dedicated to the development of catalysts for asymmetric catalytic reactions and methods of total synthesis for natural products. His current research interests involve chiral N-oxide compounds as organocatalysts and chiral ligands in asymmetric synthesis as well as other novel bifunctional chiral catalysts in practical asymmetric synthesis.



Professor Sue Gibson, Imperial College, London

Professor Gibson obtained a BA Honours Degree from Sidney Sussex College, Cambridge University in 1981, and a D.Phil from New College, Oxford University in 1984 before completing Post-doctoral research with Professor A. Eschenmoser at the ETH, in Zürich (1985), studying the reactions of cobalt in a corphin macrocycle. She lectured at Warwick University (1985-1990) and Imperial College London (1990-1998) before being appointed Daniell Professor of Chemistry, King's College London, in 1999. In 2003, she moved back to Imperial College, London where she is currently a Professor of Chemistry.

Her awards include the Meldola Medal of the Royal Society of Chemistry (1990), the Zeneca Award for Organic Chemistry (1993), a Hickinbottom Fellowship of the Royal Society of Chemistry (1997/8), a Novartis International Chemistry Lectureship (1999/2000), and she was the first winner of the Rosalind Franklin Award of The Royal Society (2003). Professor Gibson is currently President of the Organic Division of the Royal Society of Chemistry (2007-10).



Professor Liu-Zhu Gong, Hefei National Laboratory for Physical Sciences

Professor Gong completed his B.S. at Henan Normal University, China in 1993. He then went on to study his M.S. at Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences, Chengdu, China and completed his PhD in Organic Chemistry from the Institute of Chemistry, Chinese Academy of Sciences in 2000.

Professor Gong began his professional career as an assistant/associate professor at Chengdu Institute of Organic Chemistry, Chinese Academy of Sciences in 2000, becoming a Professor in 2001. In 2006, he moved to Hefei National Laboratory for Physical Sciences at the Microscale and Department of Chemistry, University of Science and Technology of China as a Professor, and also holds the position of Changjiang Professor of Organic Chemistry.

His research interest has been focused on organo- and metal-catalysed asymmetric transformations for the formation of carbon-carbon bonds and total synthesis of biologically active unnatural and natural products.

Professor Gong has also been awarded the Alexander von Humboldt Fellowship 2003-2004, Chinese Chemical Society Young Scholar Award 2003, National Fund of China for Outstanding Young Scholars 2003, Chinese Chemical Society Award for Creativity in Organic Synthesis 2005 and the Thomson Reuters Research Fronts Award 2008. To date, Professor Gong has published more than 60 research articles and reviews.



Professor Xue-Long Hou, Shanghai Institute of Organic Chemistry (SIOC)

Xue Long Hou was born in Shanghai, China in May 1955 and graduated from Shanghai First Medical College in 1978. After working there for two years he entered the SIOC and obtained his PhD degree in 1986 under the mentorship of Professors Wei Yuan Huang of SIOC and Henry N. C. Wong of Chinese University of Hong Kong. Following this, he obtained an Alexander von Humboldt research fellowship and completed two years of postdoctoral research with Professor E. Vogel of Cologne University, Germany. He returned to SIOC in 1989 and was promoted to full professor in 1997. He was awarded the Second Class Award of Natural Science of China twice in 1997 and 2002, First Class Award for Advancement of Science and Technology of Shanghai in 2001, JSPS Fellowship in 2003,

Eli Lilly Scientific Excellence Award in China in 2005. He also obtained the National Outstanding Youth Fund (2000-2003). His research interests are OMCOS, and focus on the design of chiral ligands and their applications in asymmetric catalysis as well as the control of selectivities in organic reactions.



Professor Guo-Xin Jin, Fudan University

Guo-Xin Jin was born in Nanjing, China in April 1959. In 1978 he entered Nanjing University majoring in Chemistry. He obtained his B.Sc. in 1982 and Master degree in Organic Chemistry in 1984, and then his PhD in Inorganic Chemistry in 1987 from Nanjing University. In 1988 he was awarded an Alexander von Humboldt Fellowship and went to Germany, and began his academic career as a post-doctor at the Inorganic Chemistry Institute, Bayreuth University with Professor Max Herberhold. In 1995 he returned to China and worked at the Changchun Institute of Applied Chemistry, Chinese Academy of Sciences as professor and head of a laboratory, and started the

research of chalcogenide chemistry of organometallic transition metals and catalysts for olefin polymerisation. He moved to the Chemistry Department, Fudan University, Shanghai in 2001 as Chair Professor (CheungKong Scholarship), and director of the Inorganic Chemistry Institute. His current research interests include various aspects of organometallic chemistry and catalysts for olefin polymerisation. He has published more than 200 research papers, 10 review papers and books, and has been involved in 45 patents. He is a Member of the Editorial Advisory Board for *Organometallics*, *Journal of Organometallic Chemistry*, *Chinese Science Bulletin*, *Chinese Journal of Applied Chemistry*, *Frontiers of Chemistry in China*, *Chinese Journal of Inorganic Chemistry* and *Chinese Journal of Organic Chemistry*. He is now Associate Editor of *Dalton Transactions*.



Professor E. Peter Kündig, University of Geneva

E. Peter Kündig was born in 1946 in Weinfelden, Switzerland. He graduated from the Federal Institute of Technology (ETH) in Zurich in 1971, and in the same year, moved to the University of Toronto where he received his PhD in Chemistry in 1975 (Thesis Director: Geoffrey A. S. Ozin). Following a postdoctoral stay at the University of Bristol (Peter Timms), he started his own research at the University of Geneva in 1978.

Current research interests focus on organic synthesis using transition metals. This includes the asymmetric transformation of arenes into alicyclic molecules and the development of new chiral ligands and catalysts.

Professor Kündig's awards and honours include the Werner prize of the Swiss Chemical Society (1986); Fellowship of the Japanese Society for the Promotion of Science (1996); European Association for Chemical and Molecular Sciences (EUCHEMS) Award 2006; and an 'Honorary Badge' of the Institute of Organic Chemistry of the Bulgarian Academy of Science (2007).

Professor Kündig holds the position of Chair OMCOS 13 (Geneva, 2005). Other activities include organising committee of the "Bürgenstock" Conferences on Stereochemistry (1996-2008); Program Coordinator 1st EUCHEMS European Chemistry Congress (Budapest, 2006); Chairman of the School of Chemistry and Biochemistry of the University of Geneva (2000-2006); President of the Platform Chemistry of the Swiss Academy of Sciences (2007-2010); Member of the Ryoji Noyori Prize committee (2008-2010); Member of the executive committee of the Swiss Chemical Society (2009).

Professor Kündig is also Chair of the Editorial Board of *Chemical Communications* (2008-2011); he is on the Editorial Board of *Helvetica Chimica Acta*; and on the Advisory Board of *Chemistry - An Asian Journal* and *Beilstein Journal of Organic Chemistry*.

**Professor Guo-Qiang Lin, NSFC**

Professor Guo-Qiang Lin was born in 1943 in Shanghai. After finishing his graduate study in Shanghai Institute of Organic Chemistry in 1968, he joined the same institute and worked on natural products chemistry. In 1991, he was promoted to full professor. He was elected as an academician of Chinese Academy of Sciences in 2001. His research interests include the synthesis of natural products and biologically active compounds, asymmetric catalysis and biotransformation. He is an Executive Board Member of Editors for *Tetrahedron Publications*. He was also appointed the director of the Division of Chemistry, NSFC, effective from June 2006.

**Professor Keiji Maruoka, Kyoto University (Japan)**

Keiji Maruoka was born in Japan. He graduated from Kyoto University (1976) and received his PhD (1980) from University of Hawaii. He became an assistant professor of Nagoya University (1980) and promoted to an associate professor (1990) there. He moved to Hokkaido University as a full professor (1995-2001), and currently is a professor of chemistry in Kyoto University (since 2000). Recently, he was awarded the Inoue Prize for Science (2000), the Ichimura Prize for Science (2002), Synthetic Organic Chemistry Award of Japan (2003), Nagoya Silver Medal (2004), the Green and Sustainable Chemistry Award (2006), the Award by the Minister of Education, Culture, Sports, Science and Technology (2006), the Japan Chemical Society Award (2007), the Molecular Chirality Award (2007), and Novartis Lectureship Award (2007/2008). He is currently a member of the Editorial Board of *Chemical Communications*. He has a wide range of research interests in synthetic organic chemistry, and his current research interests include bidentate Lewis acids in organic synthesis and practical asymmetric synthesis with designer chiral organocatalysts. He is now a leader of the group research project, "Advanced Molecular Transformations of Carbon Resources" including ~100 university professors in Japan.

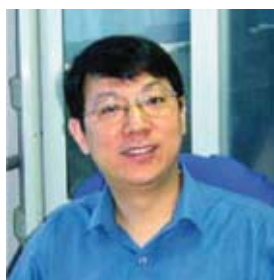
**Professor Yong Qin, Sichuan University**

Professor Qin obtained a B.Sc at Yunnan University in 1989, he then went on to study a M.Sc at Chengdu Institute of Organic Chemistry from 1989-1992. Having completed his PhD at the Institute of Chemistry in 1995, he became Assistant and then Associate Professor at Chengdu Institute of Organic Chemistry, in 1995.

Professor Yong Qin completed a Postdoctoral Fellowship at the University of Vermont, USA from 1996-2000, and went on to work for Triad Therapeutics, Inc., San Diego for 3 years, before joining Sichuan University in 2003 as a Professor. He is currently Professor of Chemistry in the Department of Chemistry of Medicinal Natural Products at Sichuan University. His research interests include total synthesis of bioactive natural products, asymmetric synthesis and medicinal chemistry.

**Professor Jianbo Wang, Peking University**

Jianbo Wang was born in 1962 in Zhejiang, China. He received his B.S. degree from Nanjing University of Science and Technology in 1983, and his PhD from Hokkaido University (under the supervision of Professor H. Suginome) in 1990. He was a postdoctoral associate at the University of Geneva from 1990 to 1993 (with Professor C. W. Jefford), and University of Wisconsin-Madison from 1993 to 1995 (with Professor H. E. Zimmerman and F. A. Fahien). He began his independent academic career at Peking University in 1995 where he is currently a Professor. His research interests include catalytic metal carbene transformations, radical reactions and photochemistry.



Professor Mei-Xiang Wang, Chinese Academy of Sciences, Beijing.

Professor Mei-Xiang Wang was born in Shanghai on September 8, 1960. He received a BS degree in chemistry in 1983 from the Department of Chemistry, Fudan University, Shanghai. After spending 3 years at the General Research Institute of Non-ferrous Metals, he joined the Institute of Chemistry, Chinese Academy of Sciences at Beijing as a research student. He obtained his master degree and PhD in 1989 and 1992, respectively (supervisor: Professor Zhi-Tang Huang). He is currently a full time professor at the Institute of Chemistry, Chinese Academy of Sciences, Beijing.

Professor Wang's research interests include supramolecular chemistry based on novel heterocalixaromatics, enantioselective biotransformations of nitriles and amides using whole cell catalysts, and selective organic reactions for the synthesis of natural products and bioactive compounds.



Professor Li-Zhu Wu, Chinese Academy of Sciences, Beijing

Professor Wu received a B.Sc from the Department of Chemistry, Lanzhou University in 1990. She then completed her PhD at the Institute of Photographic Chemistry, Chinese Academy of Sciences in 1995 with Professor Chen-Ho Tung, and became a Postdoctoral Fellow at the Department of Chemistry, Hong Kong University from 1997-1998 with Professor Chi-Ming Che.

Professor Wu's professional career started as an assistant professor at the Institute of Photographic Chemistry, the Chinese Academy of Sciences from 1995-1996. She then became an associate professor at the same institution from 1996-1999. In 1999, Professor Wu became a Professor at the Laboratory of Supramolecular Photochemistry, Key Laboratory of Photochemical Conversion and Optoelectronic Materials, Technical Institute of Physics and Chemistry, the Chinese Academy of Sciences, Beijing, in China, where she is now.

Professor Wu's research interests encompass photophysical and photochemical processes in supramolecular systems, including: photoinduced electron transfer, energy transfer and chemical reaction in supramolecular systems, photocatalytic hydrogen production mimicking enzyme, metal polypyridyl complex-based photophysical and photochemical properties and applications, microreactor-controlled selectivity of photochemical transformations, supramolecular chemistry, photochemical reactions for efficient and large-scale organic synthesis.