

## Preface

The 16<sup>th</sup> International Symposium on Organometallic Chemistry Directed Towards Organic Synthesis (OMCOS 16) was held in Shanghai, China during the period of 24–28 July 2011. It was jointly organized by the Shanghai Institute of Organic Chemistry (SIOC), the Chinese Academy of Sciences (CAS), and East China Normal University under the auspices of the International Union of Pure and Applied Chemistry. It was held at the Shanghai International Convention Center, located in the heart of the Lujiazui-Shanghai Financial and Trade zone, adjacent to the Oriental Pearl TV Tower and facing the multinational styles of architecture along the Bund across the Huangpu River, nicely showing part of the history and the dynamic nature of China at this moment.

It was the first time for mainland China to host the OMCOS meeting following the successful series of symposia held at Fort Collins (1981), Dijon (1983), Kyoto (1985), Vancouver (1987), Florence (1989), Utrecht (1991), Kobe (1993), Santa Barbara (1995), Gottingen (1997), Versailles (1999), Taipei (2001), Toronto (2003), Geneva (2005), Nara (2007), and Glasgow (2009).

The symposium program featured 11 plenary lectures, 13 invited lectures, 12 oral presentations, one OMCOS Award Lecture (sponsored by Springer Verlag and the Yen-Chuang Foundation), and one OBC Award Lecture (sponsored by the Royal Society of Chemistry). Notably, the plenary lecture given by the Nobel laureate, Prof. Ei-ichi Negishi, was delivered right after the reception dinner on 24 July. Prof. Frank Glorius from Universität Münster received the OMCOS Award, and Prof. Michael C. Willis from the University of Oxford received the OBC Award.

The symposium was attended by 993 participants from 21 countries and areas. The scientific program also presented well-supported poster sessions comprising 507 posters of remarkably high quality. On the basis of assessment by the distinguished international committee, 20 posters were awarded with the OMCOS-16 Poster Prizes, sponsored by Henkel, John Wiley, IUPAC, Thieme, the Royal Society of Chemistry, and Elsevier.

This issue of *Pure and Applied Chemistry* comprises a collection of 9 papers based upon lectures delivered at OMCOS-16 (Conference Editor, Shuli You), offering the readers a glimpse of the fascinating achievements in this area communicated at the symposium.

The series will continue with OMCOS-17, which will be held in Fort Collins, Colorado, USA (<http://www.omcos17.com/>), 28 July–1 August 2013, under the chairmanship of Prof. Tomislav Rovis.

**Shengming Ma and Kuiling Ding**  
Conference Chairs