



ChinaNANO Is BIG

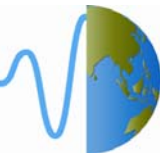
Highlights on ChinaNANO 2009 held on Sep. 1~3, 2009, Beijing, China

Abstract

ChinaNANO 2009 is the largest conference we have ever attended in Asia. Over 1500 researchers, scientists and students from 40 countries attended this 3-day event. 7 distinguished scientists from Europe, USA and Japan are invited to give the plenary talks covering the updated state-of-the-art development in the fields of Nano Carbon, Nano Medicine, Nano Materials, Molecular Devices, Nanoelectronics Devices, Nanomaterials Engineering and Imaging. ChinaNANO 2009 consists of 8 sub-conferences and among them Nano-energy & environmental materials and nanomedicine, nanopharmacy & biomedical sub-conferences are the most popular sessions.

The biannual International Conference on Nanoscience and Technology, China 2009 (ChinaNANO 2009) was held on September 1-3, 2009 at Beijing International Convention Center, China. This is the third conference following ChinaNANO 2005 and ChinaNANO 2007. ChinaNANO is organized by the National Center for Nanoscience and Technology of China (NCNST) and sponsored by the National Steering Committee for Nanotechnology. Prof. Chunli Bai, Director of NCNST and Executive Vice-president of the Chinese Academy of Sciences (CAS) chaired this event. ChinaNANO provides a good platform for the Chinese researchers / scientists / students to share the latest nanoscience and technology research in China and to learn the forefront research from overseas shared by leading overseas scientists from Europe, Japan and USA. The event showcased the Chinese nanoscience and technology research capability and provided a unique opportunity for facilitating the domestic and international collaboration.

The ChinaNANO 2009 covers the main active research areas on nanoscience and technology including nano-information materials, nano-energy and environmental materials, nano-devices and sensors, nano-medicine, nano-pharmacy and biomedical engineering, nano-fabrication, characterization of nanostructures, nano-optics and plasmonics, and modeling and simulation of nanostructures. In particular, Nano-energy & environmental materials and nanomedicine, nanopharmacy & biomedical sub-conferences attracted the most audience. ChinaNANO 2009 has received around 1300 abstracts from over 40 countries including China, USA, Canada, UK, Russia, Germany, Spain, Switzerland, Norway, Netherlands, Japan, Korea, Singapore, India and other regions. Most of them are presented by oral or by poster on ChinaNANO 2009 and the selected paper will be published in the *Journal of Nanoscience and Nanotechnology*. Over 1500 researchers, scientists and students attended this event.



This is the largest nanotechnology conference we have ever attended in the Asia. On the opening ceremony of ChinaNANO 2009, RSC publishing and NCNST have collaborated to launch a new peer-reviewed journal *Nanoscale*, which will publish experimental and theoretical work across the breadth of nanoscience and nanotechnology. Prof. Bai will be Editor-in-Chief of a new Asia-Pacific editorial office for it.

Different from previous events, ChinaNANO 2009 more focused on energy & environmental and biomedical applications. The plenary talks are given by distinguished scientists from Europe, Japan and USA including Prof. Horst Hahn, Prof. Akihisa, Prof. Paul Weiss, Prof. Flemming Besenbacher, Prof. Hiroyuki Sakaki, Prof. Hongjie Dai and Prof. Mauro Ferrari, covering the updated state-of-the-art development in the fields of Nano Carbon, Nano Medicine, Nano Materials, Molecular Devices, Nanoelectronics Devices, Nanomaterials Engineering and Imaging. In addition, 68 world-famous scientists (majority of them are oversea Chinese) are invited to give the keynote addresses for 8 different sub-conference sessions.

Along with this conference, around 30 high performance metrology instrument companies exhibited outside the conference area.



The planetary speech given by Prof. Horst Hahn on the first day



The planetary speech given by Prof. Hiroyuki Sakaki