

The International Symposium on Exploring the Frontiers of Chemical and Biochemical Engineering (SCBE 2012)



May 5-8, 2012, Tsinghua University,
Beijing, China



**NANYANG
TECHNOLOGICAL
UNIVERSITY**



浙江大学



Preface

On behalf of the organizing committee it gives me great pleasure to welcome you to this year's symposium entitled "The International Symposium on Exploring the Frontiers of Chemical and Biochemical Engineering".

This year's symposium is in the context of the scientific exchanging activities started from 1999 initiated by Prof. C.B. Ching who was working at Nanyang Technological University, Singapore, and his Chinese Colleagues from Tsinghua University, Tianjin University, Zhejiang University, Beijing University of Chemical Technology, and Nanjing University of Technology. Later on this activity occurred every year at each institution in turn and, more importantly, expended in terms of both the scientific content and institutional participants. It is a great pleasure to see that the symposium provides a platform of scientific exchanging and collaborative activities.

We are grateful for our colleagues for giving us the opportunity to host this year's symposium. To reflect the recent advancements in the frontiers of chemical and biomedical engineering including nanobiotechnology, biopharmaceuticals, nanomaterials and catalysis, synthetic biology this year's symposium was organized to under this theme. We are honored to have the most productive researchers in our speakers' list; they will provide a comprehensive overview and outlook of new technologies developed in the frontiers of chemical and biomedical engineering and their applications in as many fields as energy, biopharmaceuticals and environmental biotechnology etc.

We thank National Natural Science Foundation and Ministry of Science and Technology, and Lee's Foundation, Singapore, for their support without which our efforts would not have been successful. We are also grateful for all speakers who assure the academic value of this event. Finally we wish all participants a fruitful stay in Beijing at its best season.

Zheng Liu



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Symposium Topics

Nanobiotechnology
Nanomaterials and Nanotechnology
Biofuels and Bioenergy
Synthetic Biology
Environmental Bioengineering
Food Biotechnology
Advanced Catalysis Technology

Organizing Committee

Prof. Zheng Liu Tsinghua University
Prof. Yuan Chen Nanyang Technological University
Prof. Yingjin Yuan Tianjin University
Prof. Hongwei Yu Zhejiang University
Prof. Qipeng Yuan Beijing University of Chemical Technology
Prof. He Huang Nanjing University of Technology

Chairmen of Symposium

Prof. Zheng Liu Tsinghua University
Prof. Yuan Chen Nanyang Technological University
Prof. Yingjin Yuan Tianjin University

Important Dates

March 15, first circular announcement
April 5, deadline for abstract submission
April 10, notification of acceptance for your abstract
April 20, notification of the symposium program

Call for Papers

Format of the abstract: totally 1-2 pages of A4 size, around 400-1000 English words in Times New Roman type including the title, authors, the authors' institutions, summary of your research and 5-8 keywords. The symposium will set best poster awards for the student participants. The abstract can be directly sent to the Symposium Secretariat (Email: SCBE2012@gmail.com).

Registration

Registration will be open on May 5, 2012.

Symposium Secretariats

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