

*1st Circular*

**2010 International Symposium  
on Advanced Biological Engineering  
(ISABE'2010)**

Biotechnology for Sustainable Industry and Society  
July 23- July 25, 2010  
Beijing, China



## *Invitation Letter*

Biotechnology and Biological Engineering are coming into an exciting era as enabling technological platform for green industry, low carbon economy, health care and environment-benign society. In order to promote the international cooperation in above mentioned fields, the 2010 International Symposium on Advanced Biological Engineering (ISABE'2010) will be held in Beijing, China, from July 23rd to July 25th 2010. ISABE'2010 is jointly organized by Tsinghua University, China, Tokyo Institute of Technology, Japan, and coorganized by Biotechnology and Business. ISABE'2010 is also commissioned to bridge the academic research activities in biological engineering, biotechnology, nano-biotechnology, biomedical technology, environmental bioengineering, biofuels and microalga technology, and food biotechnology to various industrial practices, e.g., biomass-based chemicals, bioenergy, biopharmaceuticals, health care and environmental bioremediation.

On behalf of the organizing committee, I am honored to welcome all of you to ISABE'2010. It will be a great pleasure to refresh our memories of the established ISABE in the past, share the up-to-date advances in both fundamental researches and engineering practices and to project the areas where we may contribute to our better life and planet. I look forward to meeting you in July and wish you all a pleasant and fruitful stay in Beijing.

Sincerely yours,

Prof. Xin-Hui Xing  
Chairman of the Organizing Committee  
ISABE'2010

## *Symposium Scopes*

This symposium will cover the following topics pertaining to the basic research and R&D on resource, environment, energy, food and health.

- *Biological Engineering and Biotechnology*
- *Biomedical Technology*
- *Nano-biotechnology*
- *Environmental Bioengineering*
- *Biofuels, Bioenergy and Microalga Technology*
- *Food Biotechnology*

This symposium will provide a unique opportunity for the attendance from academic and industrial circles to exchange their ideas, share opinions and talk about findings on biotechnology, biological engineering and their related application issues. In the meanwhile, it will be also favorable for establishing the friendship among the participants with different backgrounds and research interests from different countries and regions.

## *Organizers*

Tsinghua University  
Tokyo Institute of Technology

## *Coorganizer*

Biotechnology and Business

## *Chairmen of Symposium*

Prof. Xin-Hui Xing Tsinghua University  
Prof. Susumu Kajiwara Tokyo Institute of Technology

## *Heads of Joint Education Program between Tsinghua Univ and Tokyo Tech*

Prof. Xin-Hui Xing Tsinghua University  
Prof. Toshihiro Akaike Tokyo Institute of Technology

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Prof. Min Yang	Research Center for Eco-Environmental Sciences Chinese Academy of Sciences	Prof. Hiroshi Shimizu	Osaka University
Prof. Guoqiang Zhuang	Research Center for Eco-Environmental Sciences Chinese Academy of Sciences	Prof. Noriho Kamiya	Kyoshu University
Prof. Shuangjiang Liu	Institute of Microbiology, Chinese Academy of Sciences	Prof. Hiroyuki Kurata	Kyushu Institute of Technology
Prof. Yin Li	Institute of Microbiology, Chinese Academy of Sciences	Prof. Tsukasa Ikeda	Utsunomiya University
Prof. Jinbin Sun	Tianjin Institute of Industrial Biotechnology, Chinese Academy of Sciences	Prof. LEE, Choul-Gyun	Inha University
Prof. Fengwu Bai	Dalian University of Science and Technology	Dr. Byoung-In Sang	Korea Institute of Science and Technology
Prof. Baishan Fang	Xiamen University	Dr. Jinchun Wu	Institute of Chemical Engineering and Sciences
		Assoc. Prof. Zhi Li	National University of Singapore





### *International Advisory Members*

Prof. Pingkai Ouyang	Nanjing University of Technology
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Prof. Baoguo Sun	Beijing Technology and Business University
Prof. Toshiyuki Itoh	Tottori University
Prof. Johan Schnürer	Swedish University of Agricultural Sciences
Prof. Tai Hyun Park	Seoul National University

### *Plenary speakers*

Prof. Toshihiro Akaike	(Department of Biomolecular Engineering, Tokyo Institute of Technology)
Prof. Akihiko Kondo	(Director of Biorefinery Center, Kobe University, Japan)

Prof. Choul-Gyun Lee  
(Inha University, Korea)

Prof. William M. Miller  
(Editor of BEJ, Northwest University, the United States)

Prof. Teruyuki Nagamune  
(Department of Bioengineering, The University of Tokyo, Japan)

Prof. Ichiro Okura  
(Vice President, Tokyo Institute of Technology)

Prof. Johan Schnürer  
(Department of Microbiology, Swedish University of Agricultural Sciences, Sweden)

Prof. Yigong Shi  
(Tsinghua University)

Prof. Xin-Hui Xing  
(Tsinghua University)

Prof. Hanqing Yu  
(University of Science and Technology of China)

### *Student awards*

The symposium will set best oral presentation awards and best poster awards for the student participants.

### *Symposium Secretariats*

**1) Dr. Chong Zhang**  
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## ISABE Web site

<http://www.isabe2010.com/>

## Working Language

English

## Sponsors

Tsinghua University  
Tokyo Institute of Technology  
NSFC  
JSPS

## Registration

Registration will be open on 1 June 2010. Do note that the registration includes attendance to the conference, coffee-breaks, lunches, and conference banquet. The conference registration fee does NOT include accommodation and costs for other social activities.

## Fees

2000 Yuan RMB or 300 dollars for each participant (1000 Yuan RMB or 150 dollars for a student)

## Call for paper

The abstracts will be selectively included in the proceedings of the symposium. Special care should be taken to ensure that all the abstracts are of high quality, relevance and challenge. Presentations for innovative technologies, advanced science and industrial R&D pertaining to the symposium are also welcome.

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 abstract can be directly sent to the Symposium Secretariat.

## Accommodation

Accommodation can be provided for participants in Beijing Friendship Hotel (北京友谊宾馆, 480 or 580 Yuan RMB per day for a standard room).

## Important Date for the Symposium

- 1) April 15th, first circular announcement
- 2) June 1st, deadline for abstract submission
- 3) June 1st, Invitation letter (including materials for visa application if required)
- 4) June 20th, notification of acceptance for your abstract
- 5) July 11th, notification of the symposium program

## Preliminary Program

**July 23rd, 2010\***

*Registration*

**July 24th, 2010\***

*Opening ceremony*

*Plenary Lectures*

*Keynote Lectures*

*Oral/Poster Presentations*

*Banquet*

**July 25th, 2010\***

*Keynote lectures*

*Oral/Poster Presentations*

*Closing Ceremony*





*Sponsors from companies:*

The participants from industries are welcome to attend this symposium, and the companies are invited to donate this symposium, and will be provided good service upon the donating amount: 1) donation with 20,000 RMB, 2 participants will be allowed to attend the symposium freely and the company introduction with 1 page can be included into the symposium proceedings and programs. The company brochures can be distributed freely to the participants; 2) donation with 50,000 RMB, 3 participants will be allowed to attend the symposium freely and give presentations at the conference to introduce the company or the research works. At the same time, the company introduction with 2 pages can be included into the symposium proceedings and programs, and exhibition tables of the company's products can be provided freely. The company brochures can be distributed freely to the participants.