

## Theme

Photosynthesis Research for  
Food, Fuel and the Future

## Topics

Provisional list of topics :

Type I and Type II reaction centres

Light harvesting systems

Mechanism of water oxidation

Mimicking photosynthesis

Regulation of electron transfer

Bioenergetics of Photosynthesis

Control of Calvin cycle

CO<sub>2</sub> concentrating mechanisms

Rubisco-mechanism and manipulation

C3, C4 and CAM cross engineering

Molecular regulation of photosynthetic systems

Computational systems biology

Biogenesis and assembly of photosynthetic apparatus

Photoprotection, dynamics and acclimation

Perception of environmental stress

Organelle communication

Marine photosynthesis

Photosynthesis, crop yields and climate change

Crop yield improvement

Plant and Microbial derived biofuels

Global photosynthesis

Photosynthesis for food and fuel – social issues

Teaching and History of Photosynthesis

## Language

The official language of the congress will be English



## Contact information

Congress Secretariat

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## The 15th International Congress of Photosynthesis

Beijing, China

August 22-27, 2010



中国北京



[www.psbj2010.com](http://www.psbj2010.com)



## Objectives

The aims of the congress are to exchange and share state-of-the-art knowledge on the various aspects of photosynthesis among researchers from government, industry and academia with a vast range of interests and expertise, and to reflect the current scientific achievements on the future directions for renewable energy and food in the changing social needs and global climate.

## Important dates

May 2009 Second Circular

November 2009 Final Announcement

November 2009 Abstract submission and  
online registration opens

April 2010 Abstract submission and early  
registration deadline

## About Beijing

Beijing is the capital city of People's Republic of China. As the capital city of several past dynasties for several hundred years, Beijing is a city full of historical places, such as the Museum of the Forbidden City and the Summer Palace. Besides, the famous Great Wall is also cutting through the suburb of Beijing. Beijing is now also a modern city because of the rapid growth of economy in the past twenty years.

## Conference Venue

The Friendship Hotel of Beijing is one of the largest garden-style hotels in Asia. Located in the heart of ZhongGuanCun Hi-Tech Zone, the Friendship Hotel covers a total area of 335,000 square meters of land in the capital city, of which 200,000 square meters are landscaped in the traditional Chinese garden style. The Friendship Hotel of Beijing represents classic Chinese architectural elegance and presents most pleasurable views. In addition 40 conference rooms and function halls of different sizes are capable of hosting national and international conferences of more than 1,000 attendees.

A number of modern hotel accommodations are available in the vicinity of Beijing Friendship Hotel and spaces will be reserved for conference attendees. Special discount rates will be available to the PS2010 participants. Details of travel and accommodations will be provided in the future.

## Further information ...

The congress website will be launched by the end of 2008. Please follow the link [www.psbj2010.com](http://www.psbj2010.com)

## Social Program and Tours

During the congress, we will offer a half-day tour of the Great Wall and the Forbidden City for our conference registered participants free of charge.

Line 1 to the Forbidden City and  
Tian'an Men Square

Line 2 to the Great Wall

Before and after the congress, a Travel Agency will organize pre- and after-conference tours of China's most famous historical and scenery sites. For those congress accompanying participants, the Travel Agency will also organize daily tours of Beijing's most famous historical, scenery sites, and culture evenings.

### Pre-Congress Tours

Line1 Guangzhou-Guilin-Xi'an-Beijing

Line2 Beijing-Xi'an-Beijing

### Post-Congress Tours

Line 1 Beijing-Xi'an-Lhasa-Beijing

Line 2 Beijing-Xi'an-Dali-Lijiang-Kunming-Shanghai

Line 3 Beijing -Xi'an -Beijing