

First Announcement



ISCRE 20

20th International Symposium on
Chemical Reaction Engineering

**Green Chemical Reaction Engineering
for a Sustainable Future**

Sun 7—Wed 10 September 2008
Kyoto International Conference Center
Kyoto, JAPAN

ISCRE 20 is hosted by



the Society of Chemical Engineers, Japan

operated by

the SCEJ Divisions of
Chemical Reaction Engineering,
Energy Engineering, and
Environmental Engineering

and

the Asia-Pacific Chemical Reaction Engineering
(APCRE) Working Party.

Invitation to ISCRE 20

We are honored to host the 20th International Symposium on Chemical Reaction Engineering to be held in Kyoto, Japan. The ISCRE 20 meeting theme is “Green Chemical Reaction Engineering for a Sustainable Future”. The theme was chosen to be inclusive of a broad range of both modern and traditional chemical reaction engineering topics — from engineering science fundamentals to emerging industrial scale engineering challenges. Communication of recent research and industry issues across these fields will contribute to the progressive development of processes and products that are environmentally more benign. Papers in the areas concerning frontiers of chemical reaction engineering and environmental and energy reaction engineering are particularly encouraged, but papers from other reaction engineering disciplines are also welcome. The topics are identified below, but the detailed technical program will be finally determined on the basis of the accepted papers.

Topics

1. Catalysis and Catalytic Reaction Engineering
2. Modeling and Simulation of Reacting Systems
3. Molecular Dynamics and Molecular Engineering
4. Reaction Engineering for Sustainable Development
5. Reaction Engineering in Resource Conversion
6. Biochemical Reaction Engineering
7. Reaction Engineering in Materials Processing
8. Micro Reactors and Microstructured Systems
9. Novel Reactors and Process Developments
10. Fuel Cells and Electrochemical Reaction Engineering
11. Fluidized Bed and Multiphase Reactors
12. Others

Abstract preparation and submission

The selection of presentations (orals and posters) will be based on the review of abstracts by the Scientific Committee.

A two-page abstract including figures and tables should be typed single-spaced (12 pt Times Font or equivalent, 2.5 cm margins, page size A4) and should include the title, authors, affiliations, and addresses. Detailed guidelines including an abstract template can be downloaded from the ISCRE 20 website.

The abstracts should explicitly identify the objectives, new results, conclusions, and significance of the work.

Electronic abstract files in PDF format should be submitted by file upload at the website:

<http://www2.scej.org/iscre20/>

Manuscript submission

Accepted manuscripts will be published in a special issue of a peer reviewed journal. The format of manuscripts and the submission procedure will be specified later.

Dates to note

First announcement	September 2006
Opening of the website	September 2006
Call for papers	September 2007
Abstract submission deadline	Sat 15 December 2007
Notification of acceptance	Tue 1 April 2008
Submission of manuscripts	Tue 1 July 2008
Early registration deadline	Tue 1 July 2008
Review results to authors	Mon 1 September 2008
Conference	Sun 7–Wed 10 September 2008
Revised manuscript submission	Wed 15 October 2008

Venue

Kyoto, the cultural heart of Japan, is one of Japan's leading large cities, founded upon the *Heian* Capital, which was Japan's former capital built in 794 AD. Its population of 1.47 million citizens lives in harmony with a natural and cultural environment which has developed over time immemorial. Kyoto City is a place where you can truly savor first-hand a rich depth of culture and art steeped in tradition, and set against the changing backdrop of the four seasons, with each one possessing its own charm.

Kyoto has inherited a superb history of tradition and culture established over countless generations. It is also constantly creating new forms of culture and industry with its progressive and revolutionary spirit.



Kyoto International Conference Center (ICC Kyoto; <http://www.kich.or.jp/>) is located at the foot of the northern mountains of Kyoto Basin. ICC Kyoto is connected to the subway station (K01) *Kokusaikaikan* which can be accessed in 20 minutes from Kyoto Station (K11). ICC Kyoto (formerly KICH) was the first national conference facility in Japan, when it opened in 1966. More than 16,000 conferences and events have been held at ICC Kyoto, the No. 1 conference center in Japan, including the famous COP 3 meeting at which the Kyoto Protocol was agreed.

Scientific Committee

(Tentative)

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Symposium Secretariat

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