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Call for participation



ISCRE 20

20th International Symposium on
Chemical Reaction Engineering

Green Chemical Reaction Engineering
for a Sustainable Future

Beyond the Kyoto Protocol

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

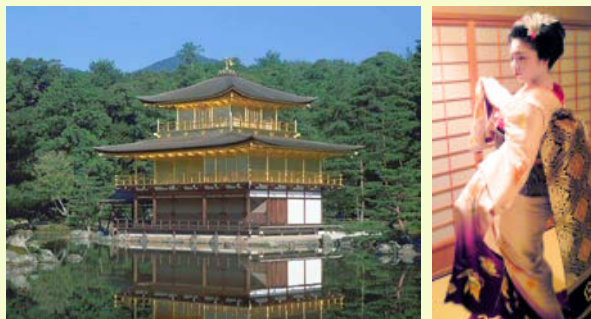
We are honored to host the 20th International Symposium on Chemical Reaction Engineering to be held in Kyoto, Japan. The ISCRE 20 meeting theme is "Green Chemical Reaction Engineering for a Sustainable Future". The theme was chosen to be inclusive of a broad range of both modern and traditional chemical reaction engineering topics — from engineering science fundamentals to emerging industrial scale engineering challenges. ISCRE 20 will hopefully contribute to the progressive development of environmentally more benign processes and products beyond the Kyoto Protocol.

We have received a lot of proposal abstracts from 38 countries worldwide. Peer-reviewed and finally selected 311 papers will be presented at oral and poster sessions of ISCRE 20.

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 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, including the famous COP 3 meeting at which the Kyoto Protocol was agreed in 1997.

Topics

A. ENERGY AND ENVIRONMENT

- Reaction Engineering for Energy and Environment
- Reaction Engineering for Sustainable Development
- Reaction Engineering in Resource Conversion

B. REACTION ENGINEERING FUNDAMENTALS

- Modeling and Simulation of Reacting Systems
- Microreactors and Microstructured Systems
- Novel Reactors and Process Developments
- Fluidized Bed and Multiphase Reactors

C. NANOTECHNOLOGY AND NEW TECHNOLOGIES

- Catalysts and Catalytic Reaction Engineering
- Biochemical Reaction Engineering
- Fuel Cells and Electrochemical Reaction Engineering
- Reaction Engineering in Materials Processing

Special lecture

Yoshimitsu Kobayashi,

President & CEO, Mitsubishi Chemical Corporation

Plenary speakers

1. *Jaap C. Schouten,* Prof., University of Technology Eindhoven
2. *Tadafumi Adschiri,* Prof., Tohoku University
3. *Ferdinand Lippert,* Senior Vice President, Chemical Engineering, BASF
4. *Zhenyu Liu,* Prof., Beijing University of Chemical Technology
5. *Milorad P. Dudukovic,* Prof., Washington University
6. TBA

Registration

Online registration is available at the ISCRE 20 website: <http://www2.scej.org/iscre20/>.

Early registration deadline **Tue 1 July 2008**

Registration fee	before/on July 1	after/on July 2
Regular registration	JPY 60,000	JPY 70,000
Student registration	JPY 30,000	JPY 35,000
Accompanying person	JPY 10,000	JPY 10,000
Conference dinner fee	JPY 8,000	JPY 10,000

Special issues

Special issues of *Chemical Engineering Science* and *Journal of Chemical Engineering of Japan* will be published for the ISCRE 20 papers in Dec. 2008 & Jan. 2009 (JCEJ) and in May 2009 (CES). CD-ROMs of the special issues will be delivered to the registered participants after the conference.

Symposium Secretariat

ISCRE 20 Secretariat

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Symposium program outline

	Sun 7 Sep	Mon 8 Sep	Tue 9 Sep	Wed 10 Sep
9:00		Opening ceremony	Plenary session 3	Plenary session 5
		Plenary session 1	Parallel oral sessions	Parallel oral sessions
		Parallel oral sessions		
12:00		Lunch	Lunch	Lunch
13:00	Registration	Parallel oral sessions	Parallel oral sessions	Parallel oral sessions
	Special lecture	Plenary session 2		Plenary session 6
17:00	Reception	Poster sessions	Plenary session 4	Closing remark
20:00			Conference dinner	