



First Circular Call for Papers

1st Asian Conference on Innovative Energy & Environmental Chemical Engineering – A New Paradigm Emerging from Fluidized-Bed and Three-Phase Reactors

ASCON - IEECE

**August 31, 2008 – September 3, 2008
Hokkaido University, Sapporo, Japan**

In continuation of
**1st to 10th Asian Conference on
Fluidized-Bed and Three-Phase Reactors
(ASCON-FBR)**



Welcome to ASCON

The Asian Conference on Fluidized-Bed and Three-Phase Reactor (ASCON-FBR) is eleventh in the series since it was first held at Tokyo in 1988. ASCON-FBR has been providing Asian researchers with precious opportunities to share knowledge on fundamentals and application of fluidized-bed reactors and multi-phase reactors. Following the success of the past ten ASCON-FBRs, we are now pleased to announce an evolution of ASCON with a new title **“1st Asian Conference on Innovative Energy & Environmental Chemical Engineering – A New Paradigm Emerging from Fluidized-Bed and Three-Phase Reactors**. In continuation of the previous ASCON, we welcome every chemical engineer who is working in or interested in not only the science/engineering of fluidized-bed and multi-phase reactors but also a wide area of energy and environmental engineering.

Conference Venue and Date

The conference will be held from **31st August, 2008** through **3rd September, 2008** at **International Conference Hall of Hokkaido**

University, Sapporo, Japan. Detailed information on Hokkaido University and that of Sapporo city are available at:
<http://www.hokudai.ac.jp> and
<http://www.city.sapporo.jp/city/english/>.

Sponsors

This conference is supported by

- The Society of Chemical Engineers, Japan
- The Korean Institute of Chemical Engineers
- The Chinese Institute of Chemical Engineers-Taipei
- The University of Chulalongkorn University, Thailand
- Hokkaido University
- Hokkaido Branch, The Society of Chemical Engineers, Japan

Other sponsors will appear in the next circular.

Conference Chair

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emission control, environmental protection, etc.

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More coordinators may join in future.

Conference Secretary

Dr. Jun-ichiro Hayashi, Professor

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Topical Areas

1. Science and Engineering of Fluidized-Bed and Multi-Phase Reactor
Keywords: hydrodynamics, solid behavior, heat and mass transfer, bubble column reactor, gas-liquid-solid three-phase reactor, gas-solid reactor, micro-reactor, multi-phase chemical reactions, biological and biochemical reactions, modeling and simulation, reactor design and scale-up, demonstration plants/processes, process safety and control, etc.
2. Energy & Environmental Chemical Engineering
Keywords: combustion, gasification, reforming, pyrolysis, upgrading, drying, hydrogen, biomass, biomass-derived liquid fuels, coal, wastes, heat recovery/storage, heat pump, energy materials, catalysts, fuel cell, exergy analysis, energy saving,

If you are not sure whether your topic is relevant to the scope of this conference, please send inquiry to the Conference Secretary (Dr. J.-i. Hayashi, exergy@mac.com)

Publication

All of the papers accepted for presentation at the conference will be published in the proceedings of the conference, which will be distributed at the conference site. Oral and poster presentations will be considered equally in the publishing. The authors are encouraged to submit their papers for consideration for publication in one of the following journals after peer review processes.

- *Journal of Chemical Engineering of Japan*
- *Korean Journal of Chemical Engineering*
- *Journal of Chinese Institute of Chemical Engineers*

Details will be informed to authors in future.

Important Dates

- March 31, 2008** Deadline for receipt of *one-page* abstract. Use the attached form and send it to the conference secretary or the coordinator of each country.
- April 30, 2008** Notice to the representative author for acceptance of each papers with instructions for preparation of camera-ready manuscript to be published in the proceedings.
- July 31, 2008** Deadline for receipt of camera-reader manuscript (*the final version*) for the proceedings to the secretary of the conference.
- August 31, 2008** Publication of the Proceedings

Registration fee

Participant from overseas:	30,000 Japanese yen
Domestic participant:	35,000 Japanese yen
Student	10,000 Japanese yen
Accompanying person	gratis

The special rate for overseas participants is provided. The committee wishes to welcome a large number of participants from Asian countries. Registration fees include the technical program, one copy of conference proceedings and the social events, but not accommodation/insurance fees.

Time Schedule (tentative)

August 31, 2008	14:00 – 17:00	Registration
	18:00 – 20:00	Welcome Reception
September 1, 2008	8:30 – 17:00	Registration
	9:00 – 17:00	Technical Sessions
	18:00 – 20:00	Banquet
September 2, 2008	8:30 – 17:00	Registration
	9:00 – 17:00	Technical Sessions
	18:00 – 20:00	Farewell Party
September 3, 2008	9:00 – 20:00	Excursion

The committee is planning a very attractive one-day excursion. Details will be given in the next circular.

Abstract submission

Every submitter is requested to send the conference secretary or a coordinator (see above) with the following information:

1. Title of paper
2. Name(s) of the author(s)
3. Name of corresponding author
4. Affiliation of corresponding author
5. Physical address of corresponding author
 - 5.1. Street
 - 5.2. City
 - 5.3. Postal code
 - 5.4. Country
 - 5.5. Phone number
 - 5.6. Facsimile (if available)
 - 5.7. E-mail address
6. Preferred type of presentation (Oral or Poster)
7. Preferred Journal

If you wish to publish your paper in either of the following international journals on chemical engineering, please choose one of them and indicate it.

 - Journal of Chemical Engineering of Japan
 - Korean Journal of Chemical Engineering
 - Journal of Chinese Institute of Chemical Engineers
8. Abstract of paper (within about 200 words)