

Pre-registration form

Family Name

First Name

Title (Prof. Dr. Mr. Mrs.)

Address

City

Zip Code

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Tel

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E-mail

I wish to receive the second circular.
I intend to submit a paper.
I intend to attend the conference.
I wish to receive the technical exhibition information.

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Correspondence

Please refer to the official website

www.icc2008korea.com, and

For scientific contents

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14th ICC, Seoul, Korea



Key Dates

答Second Circular and Call for Papers:
February 28, 2007

答Deadline for Abstract Submission:
October 31, 2007

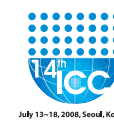
答Notice of Acceptance:
February 29, 2008

答Deadline for Early Registration:
April 15, 2008

答Congress:
July 13-18, 2008



COEX Convention Center



14th INTERNATIONAL CONGRESS ON CATALYSIS

July 13~18, 2008

First circular



COEX Convention Center, Seoul, Korea

www.icc2008korea.com

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Invitation

The Organizing Committee cordially invites you to participate in the 14th International Congress on Catalysis to be held in Seoul, Korea from 13th to 18th of July, 2008, under the auspices of the International Association of Catalysis Societies and the Catalysis Division of the Korean Institute of Chemical Engineers. The Congress will continue its established role of providing participants with information about accomplishments in catalysis research made during the previous years and catalytic technologies required for the sustained development of the future society.

Scope of the Congress

Innovations in catalyst design

簞Catalyst preparation: molecular design of catalysts; catalyst screening by high throughput system; immobilization of homogeneous/enzymatic active centers

簞Novel catalytic materials

簞Development in catalyst characterization techniques: new methods and improvements in the analysis of physicochemical properties

New findings in reaction mechanism

簞Surface science of molecular level mechanism

簞Kinetics, modeling, and computational analysis

簞Theoretical and quantum mechanical approaches in catalysis

簞New supporting ideas from related scientific disciplines

簞Understanding of catalysis on nanoscale

Advances in catalytic reaction engineering

簞New reactor design including membrane and multiphase reactors

簞Micro reactor design and process design

簞Reactions in non-conventional media (supercritical, ionic liquids)

Catalysis in energy/fuel production

簞New trends in refining/petrochemical processes

簞Hydrogen production and utilization

簞Fuel cell and electrocatalysis

簞Methane/natural gas conversion processes

簞Clean fuels for diesel engine

簞Energy conversion from alternative sources

Catalysis for fine chemicals/industrial chemicals production

簞Diverse organic transformations catalyzed by acid/base or transition metal complexes/compounds either in liquid/gas/solid phase

簞Chiral synthesis using homogeneous/heterogeneous /enzyme catalysts

簞Selective oxidation and oxidative dehydrogenation

簞Multi-phase synthesis of organic intermediates

簞Polymerization

簞Deactivation and regeneration

Sustainable green catalysis

簞Air/water pollution control by catalytic means

簞Reduction in global warming agents

簞Catalytic combustion

簞Environmentally benign catalytic processes for chemical industry

簞Photocatalysis

Scientific Program

The program of the Congress will consist of 6 plenary lectures, 11 keynote lectures, 120 oral presentations and estimated 600 posters. The keynote lectures and the oral presentations will be organized in four parallel sessions. The poster presentations will be grouped by topical sessions.

Professor J.A. Dumesic (Univ. of Wisconsin-Madison) and Professor T. Tatsumi (Tokyo Inst. of Technology) have accepted so far to present plenary lectures.

Industrial Technology Session & Exhibition

Industrial Technology Session will be organized as a special program to promote the academia-industry collaboration, in addition to an exhibition of equipment and scientific materials. Recently developed catalysts and catalytic processes will be introduced by lecturers invited from industries. Please contact Prof. S.-E. Park (separk@inha.ac.kr) for presentations in the Industrial Technology Session and for industrial booth exhibitions.

Extended Abstracts

All authors (both general and industrial sessions) are requested to submit a 2-page extended abstract (1.5 line spacing on A4 size paper) including figures and tables as well as a half-page short abstract in the form of an electronic file (MS WORD or PDF). Abstract templates will be available and the abstracts should be submitted by October 31, 2007 at the official website www.icc2008korea.com. All abstracts will be reviewed by an international panel of experts. Selection of paper and the mode of presentation will be decided by the Scientific Committee based on the extended abstracts. Notice of acceptance will be sent to the author by February 29, 2008.

Proceedings

The extended abstracts of both oral and poster presentations will be uploaded on the Congress website 1 month prior to the opening of the Congress. A book of short abstracts of all accepted contributions will be distributed at the Congress. A CD ROM of the extended abstracts of all presentations including discussions of oral presentations will be mailed to registered participants after the Congress. The plenary and award lectures will be published in Catalysis Reviews.

Registration

Persons who plan to submit an abstract and/or to attend the 14th ICC are kindly requested to complete and return the attached preliminary registration form. The registration procedure will be given in the 2nd circular, which is to be distributed by February 2007.

Prizes

The Council of the International Association of Catalysis Societies (IACS) will award a number of prizes to young scientists (not older than 35) in the 14th ICC. A special committee will select the winners on the basis of scientific quality of the paper submitted. Prize will consist of a certificate and a reimbursement of the registration fee of the Congress. Details of the application procedure will be provided in the 2nd circular.

The Organizing Committee of the 14th ICC will also independently provide partial financial supports to scholars from developing countries and limited number of students after evaluation of their needs. Those intending to apply for financial aid should write to Professor J.S. Lee (jlee@postech.ac.kr) from Nov. 15 to Dec. 15, 2007.

Pre & Post Symposia

Pre-symposia

簞Creation and Control of Advanced Selective Catalysis

(In celebration of the 50th anniversary of the Catalysis Society of Japan)

Kyoto, Japan, July 9-11, 2008 (Organizer: Prof. Y. Iwasawa)

<http://www.shokubai.org>

簞Nanocatalysis: Fundamental and Applications

Dalian, China, July 9-11, 2008 (Organizer: Prof. C. Li)

簞Hydrocarbon Selective Oxidation and Syngas Conversion Catalysis

Xiamen, China, July 9-11, 2008 (Organizer: Prof. Y. Wang)

Post-symposia

簞Catalysis for Hydrogen Energy Production and Utilization

Gyeongju, Korea, July 20-22, 2008 (Organizer: Prof. J.S. Lee)

簞First International Combinatorial Catalysis Symposium

Daejeon, Korea, July 20-22, 2008 (Organizer: Prof. S.I. Woo)

Cultural Programs

Optional excursion programs will be provided for participants and accompanying persons to explore the traditional and contemporary culture of Korea. Detailed information is available on the Congress website.

STAMP

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