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TOCAT6/APCAT5

2010

Sixth Tokyo Conference on Advanced Catalytic Science and Technology & Fifth Asia Pacific Congress on Catalysis

July 18 - 23, 2010

Sapporo Convention Center
Higashi-Sapporo 6-jo 1-chome,
Shiroishi-ku, Sapporo 003-0006,
Japan

“Innovation driven by catalysis”



First Circular/Call for Papers

Organized by Catalysis Society of Japan
<http://www.shokubai.org/intern/tocat/>

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Invitation

The Sixth Tokyo Conference on Advanced Catalytic Science and Technology (TOCAT6) and The Fifth Asia Pacific Congress on Catalysis (APCAT5) will be held as a joint conference from July 18 to 23, 2010 in Sapporo, Japan. Catalysis Society of Japan will organize this meeting as a continuation of TOCAT (1990), TOCAT2 (1994), TOCAT3 (1998), TOCAT4 (2002) and TOCAT5 (2006). The past five TOCAT conferences have earned a good reputation as a new series of international conferences on catalysis that has significantly filled the gap between research and technology in catalysis. The past APCAT events were held in Korea (1997), Australia (2000), China (2003) and Singapore (2006) to provide opportunities for researchers from the Asia Pacific region to discuss current developments in catalysis.

Scope of the Conference

Stimulating closer ties between academia and industry and encouraging young researchers in the field of catalysis are the central concept of both conferences. This joint conference should greatly contribute to exchanging new ideas and technologies and promoting developments of new outstanding catalysts and systems under the scope that catalysis is a highly and eagerly demanded technology in industries and for sustainable society and drives innovation in many other fields.

Papers on the following topics are welcome.

General session

- New concepts for catalysis
- Advanced materials for catalysis
- Fundamentals and characterization
- Sustainable green catalysis
- Catalysis in energy conversion
- Biocatalysis
- Photocatalysis
- Solid acids and bases
- Selective oxidation
- Organometallic catalysis

Reactor engineering

Industrial session

- Introduction of recently developed and/or commercialized industrial catalysts and processes
- Environmental protection
- Petroleum refining and petrochemicals
- Fine and chiral synthesis
- Polymerization

Youth session (APCAT) and Exhibition session will be held.

Scientific Program

The scientific program will consist of plenary lectures for overall sessions, invited lectures for parallel sessions, oral presentations for each session and posters.

Extended Abstracts

Those who wish to present paper in the sessions are requested to submit an extended abstract of 2 pages (1.5 line spacing on A4 or 8" × 11" size paper) including figures and tables. Title, author(s) and affiliation should be placed at the head. Desirable mode of presentation (oral or poster) should be indicated at the upper right corner of the first page. Selection of paper and the mode of presentation will be decided by the Organizing Committee based on the extended abstracts. The selected extended abstracts will be printed in their original form and distributed at the conference. The extended abstracts must be received by Professor Atsushi Fukuoka by December 25, 2009. Notice of acceptance will be sent by the Organizing Committee to the authors by February 28, 2010. The details of the submission will be announced in the 2nd circular.

Proceedings

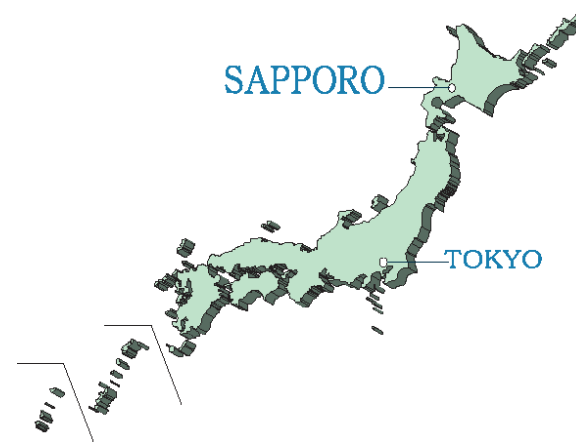
Proceedings of plenary, invited and oral presentations will be published. Presentations in the industrial session and the youth session will also be included. The contributors will be requested to submit their manuscripts on the website prior to the conference, which will be peer-reviewed. Any poster papers for the sessions will not be included in the proceedings.

Registration

The procedure for registration will be given in the second circular, which will be distributed by the end of May 2009.

Correspondence

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Key Dates

Distribution of second circular	May 31, 2009
Deadline for extended abstracts	December 25, 2009
Notice of acceptance of papers	February 28, 2010
Distribution of final circular	March 31, 2010
Deadline for advanced registration	April 30, 2010
Deadline for full paper	July 19, 2010