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TOCAT8

Yokohama 2018

8th Tokyo Conference on Advanced Catalytic Science and Technology

August 5 - 10, 2018

PACIFICO Yokohama

Japan



First Circular / Call for Papers

Organized by Catalysis Society of Japan

URL: <http://tocat8.yokohama>

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Invitation

The 8th Tokyo Conference on Advanced Catalytic Science and Technology (TOCAT8) will be held from August 5 to 10, 2018 in Yokohama, Japan, with 60th Anniversary Memorial Ceremony of the Catalysis Society of Japan (CATSJ). CATSJ will organize this meeting as a continuation of TOCAT (1990), TOCAT2 (1994), TOCAT3 (1998), TOCAT4 (2002), TOCAT5 (2006) TOCAT6/APCAT5 (2010), TOCAT7 (2014). The past seven 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.

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 this conference. This 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
- Green & sustainable catalysis
- Catalysis in energy conversion
- Environmental catalysis
- Photocatalysis
- Solid acids and bases
- Selective oxidation
- Organometallic catalysis
- Biocatalysis
- Reactor engineering

Industrial session

- Introduction of recently developed and/or commercialized industrial catalysts and processes
- Emission control
- Green & sustainable processes
- Petroleum refining and petrochemicals
- Fine and chiral synthesis
- Polymerization

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.

Abstracts

Those who wish to present a paper in the sessions are requested to submit an abstract (A4 size, 2 pages). The format of the abstracts will be shown on our website (<http://tocat8.yokohama/>) in due course. Desirable mode of presentation (oral or poster) should be selected at the abstract submission on the website. Selection of paper and the mode of presentation will be decided by the Organizing Committee based on the abstracts. The abstracts will be delivered in a USB memory. The abstracts must be received on our website by November 30, 2017. Notice of acceptance will be sent by the Organizing Committee to the authors by March 31, 2018.

Registration

The procedure for registration will be given in the web site (<http://tocat8.yokohama/>).

Key Dates

Deadline for abstract submission	November 30, 2017
Notice of acceptance of papers	March 31, 2018
Deadline for early-bird registration	April 30, 2018
TOCAT8	August 5-10, 2018



Correspondence

Prof. Atsushi Muramatsu
Secretary, TOCAT8
IMRAM, Tohoku Univ. Sendai 980-8577, Japan
Phone +81-22-217-5163 FAX +81-22-217-5165
E-mail: tocat8@shokubai.org URL: <http://tocat8.yokohama>

Venue

The scientific activities of TOCAT8 will be held at “PACIFICO Yokohama”. It is a world-class convention complex located on the waterfront of “Minato Mirai 21”, a futuristic town in Yokohama. This area has good accesses to Narita International Airport and Haneda Airport (Tokyo International airport).

