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# TOCAT9

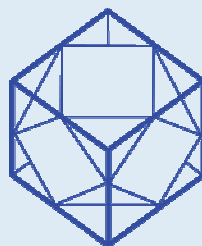
## Fukuoka 2022

9<sup>th</sup> Tokyo Conference on  
Advanced Catalytic Science and  
Technology

July 24 - 29, 2022

Fukuoka

Japan



First Circular / Call for Papers

Organized by Catalysis Society of Japan

URL: <https://tocat.catsj.jp/9>

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## Invitation

The 9<sup>th</sup> Tokyo Conference on Advanced Catalytic Science and Technology (TOCAT9) will be held from July 24 to 29, 2022 in Fukuoka, Japan, under organization 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), and TOCAT8 (2018). The past eight 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
- Electrocatalyst
- Computation in catalysis

### 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, keynote lectures for parallel sessions, contributed 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 (<https://tocat.catsj.jp/9>) 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 flash drive. The abstracts must be received on our website by October 31, 2021. Notice of acceptance will be sent by the Organizing Committee to the authors by February 28, 2022.

## Registration

The procedure for registration will be given in the web site (<https://tocat.catsj.jp/9>).

## Key Dates

Deadline for abstract submission	October 31, 2021
Notice of acceptance of papers	February 28, 2022
Deadline for early-bird registration	April 15, 2022
TOCAT9	July 24-29, 2022

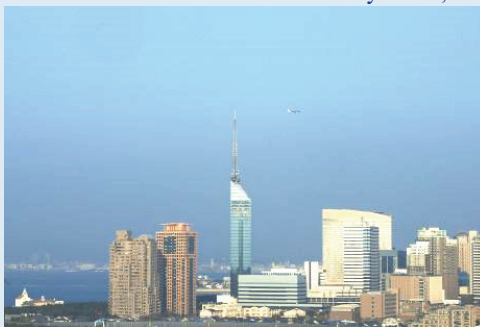


Photo: Fukuoka City

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## Venue

The scientific activities of TOCAT9 will be held at “Fukuoka International Congress Center”. It is a world-class convention complex located on waterfront of Fukuoka City. This area has good accesses to Hakata Station and Fukuoka Airport where there are many international flights to Korea, China, and East Asia.



Photo: Fukuoka International Congress Center (Fukuoka City)

