

## Registration Fee

One-line early-bird registration (by April 20, 2026)

General participant	85,000 JPY
Students	20,000 JPY

Option

Accompany person(s)	10,000 JPY
Welcome reception	Free
Banquet	15,000 JPY



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## Key Dates

Deadline for abstract submission  
Notice of acceptance of papers  
Deadline for early-bird registration  
TOCAT 10

October 31, 2025  
March 30, 2026  
April 20, 2026  
August 18 - 23, 2026



Promote close collaboration  
between academia and industry and  
encourage young researchers  
in the field of catalysis.



# TOCAT 10

The 10<sup>th</sup> Tokyo Conference on  
Advanced Catalytic Science and Technology

**Date: August 18-23, 2026,  
TOKYO, JAPAN**

Abstract submission: July 1<sup>(Tue)</sup> - October 30<sup>(Thu)</sup> 2025  
Notice of acceptance of papers: March 30<sup>(Fri)</sup> 2026

## Second Circular / Call for Papers

Organized by Catalysis Society of Japan  
URL: <https://tocat.catsj.jp/10>



WASEDA University  
早稲田大学

## Organizing Committee

Conference Chair:	Y. Sekine	(Waseda U.)
Program Chair:	T. Shishido	(Tokyo Metro. U.)
Financial Chair:	S. Satokawa	(Seikei U.)
Vice Financial Chair:	A. Inagaki	(Seikei U.)
Secretary:	K. Yamaguchi	(U. Tokyo)
Vice Secretary:	H. Miura	(Tokyo Metro. U.)

## Program Committee:

M. Kitano	(Science Tokyo)	W. Ninomiya	(Mitsubishi Chemical)
K. Maeda	(Science Tokyo)	A. Takagaki	(Yokohama Natl. U.)
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K. Motokura	(Yokohama Natl. U.)	M. Yamashita	(Science Tokyo)
A. Nakayama	(U. Tokyo)		

## Local Arrangement:

K. Suzuki	(U. Tokyo)	T. Yokoi	(Science Tokyo)
S. Yamazoe	(Tokyo Metro. U.)		

## Correspondence

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## Venue

The scientific activities of TOCAT 10 will be held at “Waseda University, Waseda Campus”. It is a world-renowned educational institution located in the heart of Tokyo. The Waseda Campus is easily accessible from major areas such as Shinjuku and Tokyo Station, and is conveniently connected to both Haneda and Narita Airports, which offer numerous international flights to various countries and regions.



Okuma Auditorium in Waseda University

## ◆ Invitation

The 10<sup>th</sup> Tokyo Conference on Advanced Catalytic Science and Technology (TOCAT10) will be held from Aug 18 to 23, 2026 in Tokyo, Japan, under organization of the Catalysis Society of Japan (CATSJ). CATSJ has organized this meeting as a continuation of TOCAT (1990), TOCAT 2 (1994), TOCAT 3 (1998), TOCAT 4 (2002), TOCAT 5 (2006), TOCAT 6/APCAT 5 (2010), TOCAT 7 (2014), TOCAT 8 (2018), and TOCAT 9 (2022). The past nine 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 concepts 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 and energy carriers
- CO<sub>2</sub> utilization and storage
- Environmental catalysis
- Photocatalysis
- Solid acids and bases
- Organometallic catalysis
- Biocatalysis
- Biomass utilization
- Electrocatalysis
- Reactor engineering
- Theory and computation in catalysis
- Catalysis informatics and data science

### 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
- Computation in catalysis

## ◆ 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.

### Plenary Speakers

**Prof. Ping Chen** (Chinese Academy of Sciences)  
“Hydrides for ammonia synthesis”

**Prof. David Farrusseng** (IRCELYON, CNRS-Lyon University)  
“Methane to H<sub>2</sub> and carbon by catalytic pyrolysis”

**Prof. Akihiko Kudo** (Tokyo University of Science)  
“Artificial Photosynthesis using Powdered Photocatalyst”

**Dr. Yasushi Sato** (ENEOS Holdings, Inc.)  
“ENEOS’s Catalyst Development using MI toward Carbon-Neutral Society”

**Prof. Kyoko Nozaki** (The University of Tokyo)  
“Catalyst Development for Chemical Recycling of Plastic Wastes”

**Prof. Susannah Scott** (University of California)  
“Towards Circular Carbon: Catalytic Upcycling of Polyolefins”

**Prof. Keiichi Tomishige** (Tohoku University)  
“Ceria-catalyzed Synthesis of Organic Carbonates and Urea Derivatives by Non-reductive Conversion of Carbon Dioxide with Alcohols and Amines”

**Dr. Cathy L. Tway** (BP)  
“How Do You Know Your Catalyst Is Sustainable?”

**Prof. Ye Wang** (Xiamen University)  
“Design of Heterogeneous Catalysts for Precise C1 and Lower-Alkane Conversions”

**Dr. Soren Selde Enevoldsen** (Topsoe)  
“Topsoe’s carbon neutral technologies and its trend for the future”



## ◆ Abstracts

Those who wish to present a paper in the sessions are requested to submit an abstract (A4 size, 1 page). The format of the abstracts will be shown on our website (<https://tocat.catsj.jp/10>) 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 must be received on our website by October 31, 2025. Notice of acceptance will be sent to the authors by March 30, 2026.

## ◆ Publication

The contributors to the oral presentation will be invited to submit a paper to *Catalysis Science & Technology and Catalysis Surveys from Asia* appearing in a special issue devoted to the conference. All manuscripts will be peer-reviewed following a standard procedure and the acceptance will be decided by the Editors. The detailed information of the submission will be announced on the website.

## ◆ Pre-Symposium

Date: August 14, 2026, Place: Sapporo, Japan  
Chair: Prof. Ken-ichi Shimizu (Hokkaido University)

Date: August 16–17, 2026, Place: Sendai, Japan  
Chair: Prof. Maiko Nishibori (Tohoku University)

## ◆ Post-Symposium

Date: August 24–25, 2026, Place: Osaka, Japan  
Chair: Prof. Yutaka Amao (Osaka Metropolitan University)