

Senior Advisory Board

H. Hattori (Sapporo)	Y. Moro-oka (Tokyo)
T. Hattori (Nagoya)	Y. Ono (Tokyo)
E. Kikuchi (Tokyo)	S. Yoshida (Kyoto)
M. Misono (Tokyo)	

National Advisory Board

K. Aika (Numazu College)	M. Iwamoto (Waseda U.)
K. Asakura (Ritsumeikan U.)	N. Mizuno (U. Tokyo)
K. Domen (U. Tokyo/Shinshu U.)	A. Muramatsu (Tohoku U.)
K. Eguchi (Kyoto U.)	J. Nakamura (Kyushu U.)
A. Fukuoka (Hokkaido U.)	T. Tanaka (Kyoto U.)
T. Fujita (Chubu U.)	T. Tatsumi (Science Tokyo)
O. Ishitani (Hiroshima U.)	K. Yoshizawa (Kyoto U.)

Industrial:

H. Hirata (Toyota Motor Corp.)
K. Honda (JGC Corp.)
M. Hori (Umicore Shokubai Japan Co., Ltd.)
T. Kawabata (Sumitomo Chemical Co., Ltd.)
K. Matsushita (ENEOS Corp.)
Y. Okada (Chiyoda Corp.)
Y. Okumura (Resonac)
H. Seki (JGC Catalysts and Chemicals Ltd.)
F. Shimizu (Mitsubishi Chemical Corp.)

International Advisory Board

W.S. Ahn (Korea)	J.A. Lercher (Germany)
A.T. Bell (USA)	C. Li (China)
C.R.A. Catlow (UK)	Z. Liu (China)
J. Čejka (Czech)	D.Y. Murzin (Finland)
G. Centi (Italy)	U. Olsbye (Norway)
A. Corma (Spain)	V.I. Pârvulescu (Romania)
M.E. Davis (USA)	P. Praserthdam (Thailand)
H. Freund (Germany)	C. Sievers (USA)
C. Hardacre (UK)	M. Stockenhuber (Australia)
E. Hensen (Netherlands)	A. Urakawa (Netherlands)
G. Hutchings (UK)	J. Védrine (France)
E. Iglesia (USA)	Y. Wang (China)
C.W. Jones (USA)	B.M. Weckhuysen (Netherlands)
M.L. Kantam (India)	J.C.S. Wu (Taiwan)
F. Kapteijn (Netherlands)	K.C.W. Wu (Taiwan)
S. Kawi (Singapore)	B.Q. Xu (China)
J.S. Lee (Korea)	T. Zhang (China)
K.Y. Lee (Korea)	



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



TOCAT 10

The 10th Tokyo Conference on
Advanced Catalytic Science and Technology

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

Abstract submission: July 1^(Tue) - October 31^(Fri) 2025
Notice of acceptance of papers: March 30^(Fri) 2026

First 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.)
T. Minegishi (U. Tokyo)	S. Uchida (U. Tokyo)
K. Motokura (Yokohama Natl. U.)	M. Yamashita (Science Tokyo)
A. Nakayama (U. Tokyo)	

Local Arrangement:

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

Committee Members:

R. Abe (Kyoto U.)	K. Nagaoka (Nagoya U.)
F. Amano (Tokyo Metro. U.)	K. Nakajima (Hokkaido U.)
Y. Amano (Osaka Metro. U.)	T. Nanba (AIST)
H. Einaga (Kyushu U.)	K. Nomura (Tokyo Metro. U.)
T. Fujihara (Kyoto U.)	H. Ogihara (Saitama U.)
C. Fukuhara (Shizuoka U.)	M. Ogura (U. Tokyo)
S. Furukawa (Osaka U.)	K. Okumura (Kogakuin U.)
S. Hamakawa (AIST)	M. Okumura (Osaka U.)
M. Hara (Science Tokyo)	H. Onishi (Kobe U.)
J. Hasegawa (Hokkaido U.)	E. W. Qian (Tokyo U. A&T)
S. Hikichi (Kanagawa U.)	Y. Sakata (Yamaguchi U.)
T. Hisatomi (Shinshu U.)	K. Sato (AIST)
S. Hosokawa (Kyoto Inst. Technol.)	S. Sato (Chiba U.)
N. Ichikuni (Chiba U.)	A. Satsuma (Nagoya U.)
S. Ida (Kumamoto U.)	K. Shimizu (Hokkaido U.)
S. Inagaki (Yokohama Natl. U.)	M. Shirai (Iwate U.)
K. Inumaru (Hiroshima U.)	M. Tada (Nagoya U.)
A. Ishihara (Mie U.)	T. Tago (Science Tokyo)
T. Ishihara (Kyushu U.)	S. Takakusagi (Hokkaido U.)
Y. Kamiya (Hokkaido U.)	K. Takanabe (U. Tokyo)
H. Kato (Tohoku U.)	T. Takeguchi (Iwate U.)
K. Kamata (Science Tokyo)	S. Takenaka (Doshisha U.)
N. Katada (Tottori U.)	T. Taniike (JAIST)
R. Kikuchi (Hokkaido U.)	K. Teramura (Kyoto U.)
H. Kominami (Kindai U.)	M. Tokunaga (Kyushu U.)
H. Kondoh (Keio U.)	K. Tomishige (Tohoku U.)
J.N. Kondo (Science Tokyo)	N. Tsubaki (U. Toyama)
M. Koyama (Shinshu U.)	T. Tsukuda (U. Tokyo)
J. Kubota (Fukuoka U.)	S. Uemiyama (Gifu U.)
Y. Kubota (Yokohama Natl. U.)	K. Wada (Kagawa U.)
X. Li (U. Kitakyushu)	H. Yahiro (Ehime U.)
M. Machida (Kumamoto U.)	Y. Yamada (Osaka Metro. U.)
M. Matsuoka (Osaka Metro. U.)	I. Yamanaka (Science Tokyo)
T. Miyao (U. Yamanashi)	H. Yamashita (Osaka U.)
T. Mizugaki (Osaka U.)	M. Yamauchi (Kyushu U.)
T. Mizushima (Toyoashi U. Tech.)	H. Yoshida (Kyoto U.)
T. Murayama (Hokkaido U.)	T. Yoshida (Nagoya U.)

◆ Invitation

The 10th 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
- CO₂ 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.

◆ 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/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 will be delivered in a USB flash drive. 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.

◆ Registration

The procedure for registration will be given on the website (<https://tocat.catsj.jp/10>).



◆ Key Dates

Deadline for abstract submission	October 31, 2025
Notice of acceptance of papers	March 30, 2026
Deadline for early-bird registration	April 20, 2026
TOCAT 10	August 18 - 23, 2026



◆ Correspondence

Prof. Kazuya Yamaguchi
Secretary, TOCAT 10
Department of Applied Chemistry, School of Engineering,
The University of Tokyo
E-mail: tocat10@catsj.jp
URL: <https://tocat.catsj.jp/10>

◆ 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.



◆ Pre, Post Symposium ※Tentative

- | | |
|---------------------------|---------------------|
| • Sapporo (Hokkaido U.) | August 14, 2026 |
| • Sendai (Tohoku U.) | August 16, 17, 2026 |
| • Osaka (Osaka Metro. U.) | August 24, 25, 2026 |

