

## AREA OF INTEREST

Papers in the following areas are invited by the symposium, but papers in other related areas will also be considered:

- Abrasive machining
- Abrasive jet machining
- Advanced cutting technology
- Beam processing and related topics
- CMP and semiconductor wafer processing
- Applications of abrasive technologies
- Eco-machining
- EDM and non-traditional machining
- Ultrasonic machining
- Finishing, lapping, polishing, and deburring
- Die, mold and related topics
- Grinding wheel and abrasive grain technologies
- High-speed and high-efficiency machining
- In-process measurement, monitoring, and metrology
- Machine tools and systems, tooling
- Additive manufacturing and related topics
- Micro/nano-machining
- Surface integrity and materials characterization
- Tribology in manufacturing
- Truing, dressing and ELID
- Applications of data science in manufacturing

## IMPORTANT DATES

May 15	Abstract submission to ISAAT
June 5	Full paper submission to ISAAT
June 30	Notification of ISAAT paper acceptance
July 10	Submission of final ISAAT paper
July 1	Registration starts
Aug. 31	Due of early registration fee payment
Nov. 16	Conference registration and reception
Nov.17-18	Technical sessions
Nov. 19	Technical visit

## SUBMISSION GUIDELINE

- Authors will be provided the options to submit their papers to ISAAT proceedings only, or to both ISAAT proceedings and the International Journal of Abrasive Technology (IJAT, EI indexed).
- Abstract submission to ISAAT: The abstract must include paper title, authors and their affiliations, and a summary of the paper within 200 words. The presented abstracts will be open to the public for free via the ICAT Website.
- Full ISAAT papers must be written in English of length from 4 to 6 proceedings pages. The version of the paper submitted to the IJAT has no limit on the number of pages.
- Each paper must be formatted and submitted according to the Instructions for authors available in the conference website.
- **New!** ISAAT2025 has offered a **new plan** for “Poster” presentations, **only requires** the submission of **an abstract**.

## EXCELLENT PAPER

ISAAT Excellent Paper Awards will be selected for several oral presentations. Details will be available on the ICAT website.

## PAPER PRESENTATION & PUBLICATION

All papers (abstracts) will be peer reviewed. Accepted papers MUST be presented in oral or poster session. Each delegate may present up to two papers (a publication fee will be charged for the second paper or abstract).

## ACCOMMODATION

Information of hotel will be available on the conference website.

## TRAVEL INFORMATION

Travel information will be available on the conference website.

## SYMPOSIUM SECRETARIAT

Prof. N. Yoshihara or Prof. J. Shimizu Email: [isaat2025@gmail.com](mailto:isaat2025@gmail.com)

For conference details, updates and downloadable documents, please visit the conference website at:

<http://www.scoop-japan.com/kaigi/isaat2025/>



1st Circular (Revised)

# Call for Papers ISAAT 2025

The 27<sup>th</sup> International Symposium on  
Advances in Abrasive Technology  
16 – 19 Nov. 2025  
Numazu, Shizuoka, Japan  
(Venue: Plaza Verde Numazu)



## Organized by

The Japan Society for Abrasive Technology (JSAT)  
International Committee for Abrasive Technology (ICAT)  
The Chinese Committee for Abrasive Technology (CCAT)  
Taiwan Society of Abrasive Technology (TSAT)



## Sponsored by

The Japan Society for Abrasive Technology (JSAT)  
(The sponsors are collecting continuously)

## Supported by

The Japan Society for Precision Engineering (JSPE)

## HISTORY & SCOPE

The International Symposium on Advances in Abrasive Technology (ISAAT) was first held in Sydney, Australia in 1997. Since 2002, JSAT and ICAT have been jointly organizing this exciting annual event for this community and the symposia have been successfully held in Hong Kong China, UK, Turkey, Russia, US, Japan, Australia, Taiwan China, Germany, Singapore, China, Republic of Korea, Sweden, Canada, China, Japan, China, Taiwan and Slovenia. An emphasis of the ISAAT series is to bring together both academic researchers and industrial practitioners from around the world for the interchange of the latest developments and applications in abrasive technologies. The ISAAT2025 in Numazu, Shizuoka, Japan will continue to promote the discipline development and research collaboration, and to foster the growth of young engineers and researchers in this field.

## REGISTRATION

Early-bird registration by Aug. 31	
Full registration	JPY 75,000
Student registration	JPY 55,000
Late and onsite registration ( after Aug. 31 )	
Full registration	JPY 90,000
Student registration	JPY 65,000
Additional paper fee/Paper (Abstract)	JPY 35,000

A full registration and a student registration cover the costs for conference proceedings, welcoming reception, banquet, morning and afternoon refreshments, attendance to all the technical sessions, lunches and technical visit.

## ORGANIZING COMMITTEE

## Symposium Chairman

M. Fukuta      Shibaura Machine Co., Ltd, Japan

## Symposium Co-chairmen

K. Ohashi	JSAT President, Okayama University, Japan
D. Shimizu	JSAT Previous President, Makino Seiki Co., Ltd, Japan
X. P. Xu	CCAT Chairman, Huaqiao University, China
M. Y. Tsai	TSAT Chairman, National Chin-Yi University of Technology, Taiwan
P. Krainik	Chalmers University of Technology, Gothenburg, Sweden

## Advisory Board Members

H. Aoyama	Keio University, Japan
J. Ikeno	Saitama University, Japan
K. Kitajima	Kansai University, Japan
T. Kuriyagawa	Tohoku University & Makino Inc., Japan
S. Okuyama	National Defense Academy, Japan
J. Tamaki	Kitami Institute of Technology, Japan

## Members

M. Fujio	National Institute of Technology, Numazu College, Japan
T. Furuki	Chubu University, Japan
K. Hara	National Institute of Technology, Ichinoseki College, Japan
H. Hidai	Chiba University, Japan
H. Isobe	Nagaoka University of Technology, Japan
Y. Kai	Shibaura Machine Co., Ltd., Japan
T. Kitajima	National Defense Academy, Japan

K. Katahira  
H. Kodama  
M. Kokubo  
J. Kusuyama  
M. Mizutani  
S. Morita  
M. Nomura  
K. Ohashi  
T. Sawa  
K. Shimada  
J. Shimizu  
G. Uchida  
T. Yamada  
K. Yamaguchi  
N. Yoshihara

- RIKEN, Japan
- Okayama University, Japan
- Shibaura Machine Co., Ltd., Japan
- Chiba Institute of Technology, Japan
- Tohoku University, Japan
- Tokyo Denki University, Japan
- Akita Prefectural University, Japan
- Okayama University, Japan
- Shibaura Institute of Technology, Japan
- Nihon University, Japan
- Ibaraki University, Japan
- Nihon University, Japan
- Nihon University, Japan
- Kyoto Institute of Technology, Japan
- Iwate University, Japan

## SCIENTIFIC COMMITTEE INCLUDING ALL ICAT MEMBERS

## Chairman

T. Yamada                      Nihon University, Japan

## Members

N. Yoshihara	Iwate University, Japan
T. Sawa	Shibaura Institute of Technology, Japan
T. Furuki	Chubu University, Japan
J. Kusuyama	Chiba Institute of Technology, Japan
G. Uchida	Nihon University, Japan

## ICAT MEMBERS (\* FOUNDING MEMBERS)

## Chairman

C. Z. Huang      Yanshan University, China

## Vice Chairmen

K. Ohashi  
C.C.A Chen

## Secretariat

N. Yoshihara Iwate University, Japan

### Immediate Past Chairman

X. Chen\*      Liverpool John Moores University, UK

## Ordinary Board Members

P. Krajnik  
H. Huang

## Active Members

X. Chen*	Liverpool John Moores University, UK
D. Walker	University College London, UK
D. L. Butler	University of Birmingham, UK
B. Denkena	IFW, Leibniz Universität Hannover, Germany
T. Tawakoli	Hochschule Furtwangen University, Germany
B. Azarhoushang	Hochschule Furtwangen University
A. Slocum	Massachusetts Institute of Technology
Z. D. Shi	National Research Council, Canada
J. Xi	Ryerson University, Canada
H.Z. Choi*	Korea Institute of Industrial Technology, Korea
X. P. Xu*	Huaqiao University, China
C. Y. Wang*	Guangdong University of Technology, China
F.H. Zhang*	Harbin Institute of Technology, China
C.Z. Huang	Yanshan University, China
M. Chen	Shanghai Jiao Tong University, China
H. Gao	Dalian University of Technology, China
R.K. Kang	Dalian University of Technology, China
J.L. Yuan	Zhejiang University of Technology
S.H. Yin	Hunan University
Y.B. Wu	Southern University of Science and Technology
H. Huang	Huaqiao university
J. H. Xu	Nanjing University of Aeronautics and Astronautics
F.H. Sun	Shanghai Jiao Tong University

Y.C. Fu  
Y. D. Gong  
B. H. Lyu  
Q. S. Yan  
P. Yao  
Y. Gao\*  
P.L. Tso\*  
Y.S. Liao  
C.C.A Chen  
C.L. Chao  
T. H. Chou  
M. Y. Tsai  
Y. K. Shen  
K. Liu  
P. Krajnik  
L. Zhou\*  
A. Yui  
H. Suzuki  
J. Yan  
M. Iwai  
S. Ninomiya  
T. Enomoto  
H. Sakamoto  
K. Ohashi  
N. Yoshihara  
T. Yamada  
J. Shimizu  
Y. Kakinuma  
S. Morita  
T. Onuki  
T. Sawa  
H. Hidai  
Y. Kameyama  
H. Huang  
L.C. Zhang  
Z.Y. Jiang  
**Associate Member**  
T. Kitajima  
K. Hara  
H. Kodama  
M. Mizutani  
H. Isobe  
M. Nomura  
T. Furuki  
K. Yamaguchi  
T. Onishi  
K. Shimada  
J. Kusuyama  
G. Uchida  
G. Q. Huang  
B. Shen  
Z. Tong  
H. Zhu  
Z. Dong  
J. Lu  
Z. Q. Liang  
C. Jiang  
S. Q. Huang  
C. W. Liu  
C. C. Weng  
K. J. Chen  
W. E. Chen  
J.A.Sanchez Galindez  
X. Liu

### Associate Members

Nanjing University of Aeronautics and Astronautics  
Northeastern University, China  
Zhejiang University of Technology, China  
Guangdong University of Technology, China  
Shandong University  
Hong Kong University of Science & Technology, China  
National Tsing Hua University, Taiwan  
National Taiwan University, Taiwan  
National Taiwan University of Science and Technology, Taiwan  
Tam-Kang University, Taiwan  
Industrial Technology Research Institute, Taiwan  
National Chin-Yi University of Technology, Taiwan  
Taipei Medical University, Taiwan  
Singapore Institute of Manufacturing Technology, Singapore  
Chalmers University of Technology, Gothenburg, Sweden  
Sun Yat-Sen University, China  
Kanagawa University, Japan  
Chubu University, Japan  
Keio University, Japan  
Toiyama Prefectural University, Japan  
Nippon Institute of Technology, Japan  
Osaka University, Japan  
KEDE National Control, China  
Okayama University, Japan  
Iwate University, Japan  
Nihon University  
Ibaraki University  
Keio University, Japan  
Tokyo Denki University, Japan  
Ibaraki University, Japan  
Shibaura Institute of Technology, Japan  
Chiba University, Japan  
Tokyo City University, Japan  
Sun Yat-Sen University, China  
Southern University of Science and Technology, China  
The University of Wollongong, Australia

National University of Defense Academy  
National Institute of Technology, Ichinoseki College, Japan  
Okayama University  
Tohoku University  
Nagaoka University of Technology  
Akita Prefectural University  
Chubu University, Japan  
Kyoto Institute of Technology, Japan  
Miyajima Co., Ltd, Japan  
Nihon University, Japan  
Chiba Institute of Technology, Japan  
Nihon University, Japan  
Huaqiao University  
Shanghai Jiao Tong University  
Shanghai Jiao Tong University, China  
Shandong University  
Dalian University of Technology  
Huaqiao University  
Beijing Institute of Technology, China  
University of Shanghai for Science and Technology, China  
Yanshan University, China  
National Tsing Hua University, Taiwan  
Industrial Technology Research Institute, Taiwan  
National Chin-Yi University of Technology, Taiwan  
Fine Abrasives Taiwan Co., LTD., Taiwan  
University of the Basque Country, Spain  
Liverpool John Moores University, UK