

Paper submission deadline extended to 26 June 2022

ISAAT2022

The 24th International Symposium on Advances in Abrasive Technology

9-12 December 2022

Guangzhou, China



Sponsored by

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



Co-organized by

Guangdong University of Technology, China
Institute of Manufacturing Technology (IMT)
Guangdong Provincial Key Laboratory of Minimally Invasive
Surgical Instruments and Manufacturing Technology (MisIMT)
Key Laboratory of Manufacturing Technology of
Guangdong Higher Education (KLMT)



HISTORY AND SCOPE

The International Symposium on Advances in Abrasive Technology (ISAAT) was first held in Sydney, Australia in 1997. Since 2002, ICAT has been a driving force for the organization of this exciting annual event. This series of symposia has been successfully held in Hong Kong (China), UK, Turkey, Russia, US, Japan, Australia, Germany, Singapore, China, Republic of Korea, Sweden and Canada. 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 ISAAT2022 in Guangzhou, China, will continue to promote the discipline development and research collaboration, and to foster the growth of young engineers and researchers in this field.

Webpage: <https://isaat2022.scimeeting.cn>

AREAS 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

IMPORTANT DATES (Deadline for paper submission extended to 26 June 2022)

June 45 26	Full paper submission to both IJAT and ISAAT
July 31	Notification of ISAAT paper acceptance
Aug 30	Submission of final ISAAT papers
Oct 1	Registration starts
Oct. 31	End of early-bird registration rates
Dec 09	Conference registration and reception
Dec 10-11	Technical sessions
Dec 12	Technical visit (optional)

REGISTRATION

On-site attendance	
Early-bird registration by 31 Oct	
Full registration	RMB 3000
Student registration	RMB 2500
Late and onsite registration (after 31 Oct)	
Full registration	RMB 3800
Student registration	RMB 3000
On-line attendance	
Full registration (Online)	RMB 1000
Student registration (Online)	RMB 1000

Note: A registration for on-site attendance covers the costs for conference proceedings, welcoming reception, banquet, morning and afternoon refreshments, attendance to all technical sessions, and lunches.

PAPER SUBMISSION GUIDELINES

- Authors will be given the options to submit their papers to ISAAT proceedings only, or to both the ISAAT proceedings and the International Journal of Abrasive Technology (IJAT, EI indexed).
- The submission of a paper abstract is not required.
- Full ISAAT papers must be written in English and are not fewer than 4 proceedings pages.
- Each ISAAT paper must be formatted and submitted according to the Instructions for Authors available in the conference website.
- The version of the paper for IJAT has no page limit and can be submitted through the journal website at: www.inderscience.com/ijat.

EXCELLENT PAPER AWARDS

Excellent Paper Awards will be granted to orally presented papers that have exceptionally good quality. Details will be available on the ICAT website.

PAPER PRESENTATION AND PUBLICATION

All papers 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).

ACCOMMODATION & TRAVEL INFORMATION

Information for hotels and travels will be available on the conference website.

SYMPOSIUM ORGANIZATIONS

Symposium Chairman

C.Y. Wang Guangdong University of Technology, China

Symposium Co-chairmen

L.B. Zhou CAT Chairman, Ibaraki University, Japan
X.P. Xu CCAT Chairman, Huaqiao University, China
J. Ikeno JSAT President, Saitama University, Japan

Organizing Committee

Chairperson

L.J. Zheng Guangdong University of Technology

Members

W.L. Chen Guangdong University of Technology
F. Ding Guangdong University of Technology
C.Z. Du Guangdong University of Technology
W. Gao Guangdong University of Technology
S. Li Guangdong University of Technology
S.Y. Li Guangdong University of Technology
Y.A. Lu Guangdong University of Technology
G. Yao Guangdong University of Technology

Scientific Committee

Co-Chairmen

C.Z. Huang ICAT Vice Chairman, Yanshan University, China
X. Chen ICAT Vice Chairman, Liverpool John Moores University, UK

Members (*Including all ICAT members – not listed*)

J.B. Lu Guangdong University of Technology, China

Paper submission deadline extended to 26 June 2022

J.S. Pan	Guangdong University of Technology, China
V. Saetang	King Mongkut's University of Technology Thonburi, Thailand
J.B. Sui	Guangdong University of Technology, China
S. To	Hong Kong Polytechnic University, HK (China)
K. Venkatakrishnan,	Ryerson University, Canada
S.X. Wu	Guangdong University of Technology, China
Y. Yang	Guangdong University of Technology, China
Z.S. Yuan	Guangdong University of Technology, China
B. Zhang	Southern University of Science and Technology, China
F.L. Zhang	Guangdong University of Technology, China
L.J. Zheng	Guangdong University of Technology, China

SYMPOSIUM SECRETARIAT

Institute of Manufacturing Technology
School of Electromechanical Engineering
Guangdong University of Technology
Higher Education Mega Center
Panyu, Guangzhou, 510006, China
Telephone: +86-20-3932 2712

Email: isaat2022@163.com (Please note this updated email address)

Website: <https://isaat2022.scimeeting.cn>

For conference details, updates, and downloadable documents, visit the conference website.