

## AREA OF INTEREST

The Symposium invites papers in the following areas relevant to the Symposium theme, but papers in other related areas will also be considered:

- Abrasive machining
- Abrasive jet machining
- Advanced cutting technology
- Beam-aided processing
- Brittle material machining
- CMP and semiconductor wafer processing
- Coolants and cooling
- Design, fabrication and analysis of devices for the applications of abrasive technologies
- Eco-machining
- EDM, ultrasonic machining, and laser machining
- Finishing, lapping, and polishing
- Glass molding and related topics
- Grinding wheel and abrasive grain technologies
- High speed and high-efficiency machining
- In-process measurement and monitoring, metrology
- Machine tools and systems, tooling processing
- Micro/nano-machining
- Surface integrity and materials characterization
- Tribology in manufacturing
- Truing, dressing, and ELID

## IMPORTANT DATES IN 2017

March 1	Full paper submission for journal "IJAT" (If you want) (*1)
May 26 (Extended)	Abstract submission for ISAAT proceeding
June 23(Extended)	Full paper submission for ISAAT proceeding
July 30	Notification of ISAAT proceeding acceptance
August 4	Submission of final ISAAT proceeding
August 4	Payment of early registration fee (including student registration fee)
December 3	Conference registration and reception
December 4-5	Technical sessions
December 6	Technical visit

## SUBMISSION GUIDELINE

- Abstract submission: Title and general Information of authors are required prior to full paper submission for ISAAT proceeding.
- Full papers must be written in English, and its length must be **from 4 to 6 proceedings pages**.
- Each paper must be formatted and submitted according to the **Instructions for Authors** available in the ISAAT2017 webpage.

(\*1) If you want to publish your paper in journal "IJAT" (International Journal of Abrasive Technology), you must submit your full paper for IJAT until March 1<sup>st</sup>.

<http://www.inderscience.com/jhome.php?jcode=ijat>

## PAPER PRESENTATION & 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

Information of hotels will be available on the conference webpage.

## TRAVEL INFORMATION

Information on local travel will be available on the conference webpage.

## SYMPOSIUM SECRETARIAT

**ISAAT2017 Secretariat:** Prof. N. Yoshihara

Email: [ISAAT2017@gmail.com](mailto:ISAAT2017@gmail.com)

Tel: +81 19 621 6413, Fax: +81 19 621 6413

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

<http://www.scoop-japan.com/kaigi/isaat2017/>

# Call for Papers ISAAT 2017

The 20<sup>th</sup> International Symposium on  
Advances in Abrasive Technology

3 - 6 December 2017

Okinawa Institute of Science and Technology,  
Okinawa, JAPAN

<http://www.scoop-japan.com/kaigi/isaat2017/>



## Organized by

The Japan Society for Abrasive Technology (JSAT)  
International Committee for Abrasive Technology (ICAT)  
Okinawa Institute of Science and Technology (OIST)



## Sponsored by

Okinawa Institute of Science and Technology (OIST)

# ISAAT 2017

3 - 6 December 2017

## 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, UK, Turkey, Russia, US, Japan, Australia, Taiwan, Germany, Singapore and China. 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 ISAAT2017 at OIST (Okinawa Institute of Science and Technology), Onnason Okinawa Japan will continue to promote the discipline development and research collaboration, and to foster the growth of young engineers and researchers in the field.

## REGISTRATION

Full registration:	JPY 70,000 (by Aug 4, 2017)
Student registration:	JPY 50,000 (by Aug 4, 2017)
Late registration: (after Aug 5, 2017)	JPY 80,000 (Full registration) JPY 60,000 (Student registration)

A full registration and a student registration cover the costs of attendance to all technical sessions, conference proceedings (USB memory), welcoming reception, banquet and lunches during the technical sessions.

## ORGANIZING COMMITTEE

### Symposium Chairman

H. Suzuki Chubu University, Japan

### Symposium Co-Chairmen

K. Okuda University of Hyogo, Japan  
J. A. Patten Western Michigan University, USA  
X.P. Xu Huaqiao University, China

### Members

H. Aoyama Keio University, Japan  
F. Hashimoto Advanced Finishing Technology Ltd., USA  
H. Hidai Chiba University, Japan  
Y. Higashi OIST, Japan  
Y. Kakinuma Keio University, Japan  
M. Mizutani Tohoku University, Japan  
S. Morita Tokyo Denki University, Japan  
K. Ohashi Okayama University, Japan

H. Sakamoto Sophia University, Japan  
T. Sawa Shibaura Institute of Technology, Japan  
Y. Tanaka Scoop Japan Inc., Japan  
K. Yamada Nihon University, Japan  
J. Yan Keio University, Japan  
N. Yoshihara Iwate University, Japan  
A. Yui National Defense Academy, Japan  
L. Zhou Ibaraki University, Japan

## SCIENTIFIC COMMITTEE (INCLUDING ICAT MEMBERS)

### Chairman

K. Okuda University of Hyogo Japan

### Members

K. Ashida National Institute of AIST, Japan  
J. Ikeno Saitama University, Japan  
I. Inasaki Chubu University, Japan  
T. Kitajima National Defense Academy, Japan  
M. Mizuno Iwate University, Japan  
N. Morita Chiba University, Japan  
T. Moriwaki Setsunan University, Japan  
T. Obikawa Tokyo University, Japan  
H. Omori RIKEN, Japan  
M. Ohta Kyoto Institute of Technology, Japan  
Y. Saito Tokyo Institute of Technology, Japan  
H. Sasahara Tokyo University of Agriculture and Technology, Japan  
M. Sawada Nakamura-Tome Precision Industry, Japan  
J. Shimizu Ibaraki University, Japan  
S. Shimizu Sohia University, Japan  
J. Shinozuka Yokohama National University, Japan  
H. Suwabe Kanazawa Institute of Technology, Japan  
Y. Namba Chubu University, Japan  
Y. Takeuchi Chubu University, Japan  
H. Takino Chiba Institute of Technology, Japan  
H. Tomoda NEOS Co. Ltd., Japan

## ICAT MEMBERS (\*FOUNDING MEMBER)

### Chairman

H. Aoyama Keio University, Japan

### Vice Chairmen

X. P. Xu\* Huaqiao University, China  
P.L. Tso\* National Tsing Hua University, Taiwan

### Secretariat

K. Ohashi Okayama University, Japan

### Immediate Past Chairman

J. Wang\* The University of New South Wales, Australia

### Ordinary Board Members

X. Chen\* Liverpool John Moores University, UK  
C.Z. Huang Shandong University, China

### Emeritus Chair

K. Suzuki\* Nippon Institute of Tech, Japan

## Active Members

H. Aoyama Keio University, Japan  
B. Azarhoushang Hochschule Furtwangen University, Germany  
E. Brinksmeier IWT, University of Bremen, Germany  
D. L. Butler Nanyang Technological University, Singapore  
C.L. Chao Tam-Kang University, Taiwan  
C.C.A Chen National Taiwan University of Science and Technology, Taiwan  
M. Chen Shanghai Jiao Tong University, Mainland China  
X. Chen\* Liverpool John Moor University, UK  
H.Z. Choi\* Korea Institute of Industrial Technology, Korea  
B. Denkena IFW, Leibniz Universität Hannover, Germany  
T. Enomoto Osaka University, Japan  
Y.C. Fu Nanjing University of Aeronautics and Astronautics, China  
H. Gao Dalian University of Technology, China  
Y. Gao\* Hong Kong University of Science & Technology, Hong Kong  
Y. D. Gong Northeastern University, China  
C.Z. Huang Shandong University, China  
H. Huang University of Queensland, Australia  
H. Huang Huaqiao University, China  
M. Iwai Toyama Prefectural University, Japan  
Z.Y. Jiang University of Wollongong, Australia  
R.K. Kang Dalian University of Technology, China  
P. Krajnik Chalmers University of Technology, Gothenburg, Sweden  
T. Kuriyagawa\* Tohoku University, Japan  
X.S. Li CSIRO Earth Science and Resource Engineering, Australia  
Y.S. Liao Taiwan National University, Taiwan  
Z. Q. Liu Shandong University, China  
B.H. Lyu Zhejiang University of Technology, China  
M.N. Morgan\* Liverpool John Moores University, UK  
S. Ninomiya Nippon Institute of Technology, Japan  
K. Ohashi Okayama University, Japan  
K. Okuda University of Hyogo, Japan  
H. Sakamoto Sophia University, Japan  
A. Sloum Massachusetts Institute of Technology, USA  
Z. D. Shi National Research Council, Canada  
J. Shimizu Ibaraki University, Japan  
F.H. Sun Shanghai Jiao Tong University, China  
H. Suzuki Chubu University, Japan  
T. Tawakoli Hochschule Furtwangen University, Germany, USA  
P.L. Tso\* National Tsing Hua University, Taiwan  
D. Walker University College London, UK  
J. A. Webster Cool-Grind Technologies, USA  
Y.B. Wu Akita Prefectural University, Japan  
J.H. Xu Nanjing University of Aeronautics and Astronautics, China  
X.P. Xu\* Huaqiao University, China  
T. Yamada Nihon University, Japan  
C. Y. Wang\* Guangdong University of Technology, China  
J. Wang\* The University of New South Wales, Australia  
J. Yan Keio University, Japan  
N. Yoshihara Hunan University, China  
J.L. Yuan Iwate University, Japan  
A. Yui Zhejiang University of Technology, China  
F.H. Zhang\* National Defense Academy, Japan  
L.C. Zhang Harbin Institute of Technology, China  
L. Zhou\* University of New South Wales, Australia  
Z. X. Zhou Ibaraki University, Japan  
Hunan University, China

## Associate Member

G. Q. Huang Huaqiao University, China  
Y. Kakinuma Keio University, Japan  
T. Kitajima National Defense Academy, Japan  
T. Sawa Shibaura Institute of Technology, Japan  
B. Shen Shanghai JiaoTong University, China  
P. Yao Shandong University, China