



The 2nd Call for Papers



The 21st International Conference on Precision Engineering November 15-19, 2026, Winc Aichi, Nagoya, Japan

Website: <https://www.scoop-japan.com/kaigi/icpe2026/>

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ICPE2026 Website

The 21st International Conference on Precision Engineering (ICPE2026 in Nagoya) will be organized by the Japan Society for Precision Engineering (JSPE) and the Tokai Branch of JSPE. The conference will be held from November 15 to 19, 2026 in Nagoya, Japan, at Winc Aichi, located in front of Nagoya station.

Organized and General Sessions:

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| OS01 Digital design and manufacturing systems | OS24 MEMS/NEMS |
| OS02 Life cycle and smart engineering | OS25 Biomedical engineering and applications |
| OS03 Advanced system design and applications | |
| OS04 CAD/CAM technologies | General session |
| OS05 Advanced cutting technologies | GS01 Advanced die/molding and polymer processing |
| OS06 Advanced grinding technologies | GS02 Forming |
| OS07 Micro/Nano machining and figurings | GS03 Surface metrologies of nanoscale structures |
| OS08 Nanoscale surface finishing | GS04 3D/4D printing of functional products with embedded sensors and actuators |
| OS09 Additive manufacturing | GS05 Bioinspired design methods |
| OS10 Nontraditional machining | GS06 Optical metrology |
| OS11 Energy beam processing | GS07 Dimensional measurement and instrumentation |
| OS12 Advanced machine tools and elements | GS08 Atomic and closetoatomic scale manufacturing |
| OS13 Tribology and surface engineering | GS09 Machine tool calibration |
| OS14 Micro / nano systems | GS10 Precision positioning |
| OS15 Robotics and mechatronics | GS11 Big data analytics in zerodefekt machining scheduling |
| OS16 Ultra precision controls | GS12 Artificial intelligence and machine learning in precision engineering |
| OS17 Nanoscale measurements and calibrations | GS13 Cyberphysical production systems |
| OS18 Science and applications of nanostructure formation | GS14 Humanrobot collaboration and brain robotics in precision assembly |
| OS19 Mechano photonics engineering and optical applications | GS15 Adaptive process planning and quality control in precision engineering |
| OS20 Advanced image processings and applications | GS16 Semiconductor manufacturing and metrology |
| OS21 Advanced 3 dimensional digital processing | |
| OS22 Advanced surface processing | |
| OS23 Micro fabrications for functional surfaces | |

Special Symposium on the Utilization of Robotics, AI, and Digital Twins:

A special symposium on the utilization of robotics, AI, and digital twins, organized by JST ASPIRE “Enhancing Machine Performance and Reliability using Virtual Laboratory” will be held. Distinguished researchers as well as promising early-career researchers will be invited to deliver talks. Conference participants may attend the symposium without any additional charge.

ICPE2026 Nagoya

Important dates for paper submission:

Types of Papers: Authors are invited to submit either a Full Paper (4–6 pages including figures and tables) or a Short Paper (2 pages including figures and tables). Both formats will be available for download from the conference website. Proceedings will be opened only for participants of the conference. Only Full Papers will be considered for the award.

- Submission of 100-200 words abstract: January 1 - March 27, 2026
- Notification of abstract acceptance: April 20, 2026
- Submission of manuscript for paper review: May 29, 2026
- Notification of paper acceptance: June 29, 2026
- Submission of Camera-ready manuscript: July 31, 2026

Main conference schedule:

- Welcome reception: November 15, 2026
- Conference: November 15 – 19, 2026
- Banquet: November 17, 2026
- Special Symposium: November 18, 2026
- Factory tour: November 19, 2026



Main hall, Winc Aichi, Nagoya

Location:

Nagoya locates in the center of Japan and offers spectacular access to the main tourism hubs around the country for guests in Japan and from overseas. The city is home to a variety of famous historic, gourmet, and photogenic spots as well as hands-on experiences allowing you to discover Nagoya’s tradition and manufacturing prowess.

- From Tokyo to Nagoya: About 1.7 h and from Osaka: About 0.8 h by Shinkansen



Conference Committee:

- General Chair Prof. Yoshimi Takeuchi, Chubu University
- Conference Chair Prof. Hirofumi Suzuki, Chubu University
- Conference Co-chairs Prof. Seiichi Hata, Nagoya University
Prof. Katsushi Furutani, Toyota Technological Institute
Prof. Fumihiro Itoigawa, Nagoya Institute of Technology

Special Issue to International Journals:

Outstanding Full Papers may be recommended to publication in the following journals after the conference by the conference committee:

- Journal of the International Societies for Precision Engineering and Nanotechnology (PE)
- International Journal of Automation Technology (IJAT), published by Fuji Technology Press

Authors of recommended papers can submit the paper to the special issue of the journal. Please note that the submitted papers need to path the review process of the journal.

Conference registration fees:

	Early registration up to August 28, 2026 (JSPE member / Non-member)	Late registration after August 28, 2026 (JSPE member / Non-member)
Regular	80,000 / 95,000 JPY	85,000 / 100,000 JPY
Student	60,000 / 75,000 JPY	65,000 / 80,000 JPY

Welcome reception and banquet are included.