



## The 1st 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.

#### Focus of the conference:

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|--|---|
| (1) Digital design and manufacturing systems                   | (22) Advanced 3-dimensional digital processing                                    |
| (2) Life cycle and smart engineering                           | (23) Advanced surface processing  |
| (3) Advanced system design and applications                    | (24) Micro fabrications for functional surfaces                                   |
| (4) CAD/CAM technologies                                       | (25) 3D/4D printing of functional products with<br>embedded sensors and actuators |
| (5) Advanced cutting technologies                              | (26) MEMS/NEMS  |
| (6) Advanced grinding technologies                             | (27) Bio-medical engineering and applications                                     |
| (7) Tribology  | (28) Bio-inspired design methods  |
| (8) Micro/Nano machining and figuring                          | (29) Optical metrology for precision engineering                                  |
| (9) Nano-scale surface finishing                               | (30) Dimensional measurement and instrumentation                                  |
| (10) Non-traditional machining and additive<br>manufacturing   | (31) Atomic and close-to-atomic scale manufacturing                               |
| (11) Energy beam processing                                    | (32) Machine tool calibration   |
| (12) Advanced die/molding and polymer processing               | (33) Precision positioning  |
| (13) Forming   | (34) Big data analytics in zero-defect machining<br>scheduling                    |
| (14) Advanced machine tools and elements                       | (35) Artificial intelligence and machine learning in<br>precision engineering     |
| (15) Micro systems and machine elements                        | (36) Cyber-physical production systems  |
| (16) Robotics and mechatronics                                 | (37) Human-robot collaboration and brain robotics in<br>precision assembly        |
| (17) Ultra precision controls                                  | (38) Adaptive process planning and quality control in<br>precision engineering    |
| (18) Nano-scale measurements and calibrations                  | (39) Semiconductor manufacturing and metrology                                    |
| (19) Surface metrologies of Nano-scale structures              |   |
| (20) Mechano photonics engineering and optical<br>applications |   |
| (21) Advanced image processing and applications                |   |

The research field is not limited to the above topics.

# ICPE2026 Nagoya

### Important dates for paper submission:

Types of Papers: Authors are invited to submit either an Extended Abstract (4–6 pages including figures and tables) or a Short Paper (2 pages including figures and tables). Both formats will be available for download to registered participants only.

- Submission of 100 -200-word 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
- Factory tour: November 19, 2026



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 Extended Abstract may be recommended for publication in the following journals:

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

### 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.

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