



November 19-21, 2021
Jinan, China

The 16th CJUMP (China-Japan International Conference on Ultra-Precision Machining Process) 2021

Sponsored by

National Natural Science Foundation of China (NSFC)
Committee for nano-precision mechanical manufacturing technology, JSPE
Chinese Production Engineering Institution, CMES, (CPEI)
International Academy for Production Engineering (CIRP)

Organized by

Shandong University, China

Co-organized by

Qilu University of Technology, China

Associated by

Chinese Special Committee on Precision Engineering and Micro-nano Technology
Chinese Special Committee on Abrasive Machining Technology
Chinese Society of Advanced Manufacturing Technology
MFL, RIKEN, Japan

Shandong University
Zhejiang University of Technology
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Tianjin University
National University of Defense Technology
Qilu University of Technology

The Japan Society for Abrasive Technology (JSAT)
Japan Society of Mechanical Engineers (JSME)
Japan Society of Electrical - Machining Engineers (JSEME)
Neo/Nano-Production-System Technology Association (NPS)



Foreword

The CHINA-JAPAN International Conference on Ultra-Precision Machining Process (CJUMP) was initiated in 1984. The CJUMP2021 will be held in Jinan City, China, during November 19-21, 2021. The goal of the conference is to bring together researchers and academics from China and Japan to discuss novel theories, technologies and applications in the areas of precision engineering, micro engineering and nano-technology. In order to adapt the new situation of ultra-precision machining and surface finishing technology, this conference will cover new developments for process technology on machine tool, instruments and metrology in precision measurement, micro and nano-machining.

It is our pleasure that all participants will enjoy this conference, that they get an overview about the current trends and acquire new ideas for solving their current tasks and problems. In addition, this conference will be an ideal opportunity to meet colleagues or friends from the field of Ultra-precision machining and related topics. We are looking forward to meeting you in Jinan.

Topics

General conference topics will be

- High speed and efficiency manufacturing
- Nano and micro machining
- Ultra-precision grinding
- Single-point diamond cutting
- Ultra-precision mechanical design
- Machine tools and their systems
- Coolant and cooling
- In-situ measurement and monitoring
- Ultra-precision surface assessment
- Grinding and polishing

General Information

■ Conference Programs: Keynote Speech, Oral Presentation, Poster Presentation, Exhibition, Best Paper Award, Post-conference Social Activity.

■ Abstract submission: Template is available in website. Please send your abstract to cjump2021@163.com

■ Publications: All accepted papers will be included in USB stick. Selected papers will be recommended to Nanomanufacturing and Metrology; AIMS Materials Science.

■ Conference website: <http://cjump2021.sdu.edu.cn/>

■ Contact: Prof. Peng Yao, Shandong University (cjump2021@163.com); Prof. Hitoshi Ohmori, RIKEN (elid@elid.org)



Registration

■ Registration Method: Participants from China should transfer the registration fee to the bank account provided on the CJUMP2021 website with a note of participant information; Participants from Japan must register and pay the registration fee at the Japan Registration Office: E-mail: nps@nps-t.info.

■ Registration Fee:

	Early registration (before July 10)	On-site registration
Delegate	3300RMB (45,000JPY)	3500RMB (55,000JPY)
Student	2800RMB (36,000JPY)	3000RMB (45,000JPY)

*Registration fee includes: Conference materials; Coffee break; Buffet dinner on September 19, Buffet lunch on September 20 and 21, Welcome and Farewell dinner on September 20 and 21.

Important Dates

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| ■ 1st Call for papers: | December 25, 2020 |
| ■ Abstract submission deadline: | June 20, 2021 |
| ■ Abstract acceptance confirmation: | June 30, 2021 |
| ■ Registration commencing date: | August 1, 2021 |
| ■ Full manuscript submission deadline: | August 15, 2021 |
| ■ Full manuscript acceptance confirmation: | September 1, 2021 |
| ■ Early-bird Registration deadline: | September 10, 2021 |



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Conference Schedule

	September 19	September 20	September 21
9:00	Arrival	Opening ceremony	Keynote speech
		Keynote speech	
12:00		Lunch	Lunch
14:00		Oral and Poster presentation	Technical visit
18:00	Welcome reception and buffet	Banquet	Farewell party

Conference Venue

2021 November 19 ~ 21 Shandong Hotel

About 40min from Jinan Yaoqiang International Airport by Taxi

About 1h from Beijing to Jinan by high-speed railway

