

The First Announcement and Call for Papers

# The 11<sup>th</sup> International Conference on Leading Edge Manufacturing in 21<sup>st</sup> Century (LEM21)

December 1-4, 2025, Itoman, Okinawa, Japan

Venue | Kukurū Itoman

(<https://www.kukurū-itomancity.jp/>)



## Sponsored by:

Manufacturing and Machine Tool Division, The Japan Society of Mechanical Engineers (JSME)

**Co-sponsored by:** Manufacturing Systems Division, JSME

**Welcome to Okinawa:** We are pleased to announce that the International Conference on Leading Edge Manufacturing in 21st Century (LEM21) will be held in Itoman, Okinawa, which is well-known as “Uminchu (Fisherman) City”. This conference has been continuously held every two years, and it has been providing opportunities for researchers and engineers to exchange new ideas and to establish relations for collaboration.

## Organized sessions:

OS01: Advanced machine tools

OS02: Mechatronics and robotics-integrated manufacturing

OS03: Digital manufacturing (CAD, CAM)

OS04: Smart manufacturing (IoT, AI, CPPS)

OS05: Cutting technology

OS06: Grinding technology

OS07: Finishing technology

OS08: Forming technology

OS09: Electro-physical and chemical processes

OS10: Laser processing

OS11: Additive manufacturing

OS12: Surface, tribology and structuring technologies

OS13: Nano/Micro measurement and intelligent instruments

## Important dates:

Deadline of paper application with abstract:

March 31, 2025

Notification of tentative acceptance based on abstract:

April 20, 2025

Deadline of camera – ready manuscript submission:

May 31, 2025

Notification of paper acceptance:

June 30, 2025

Deadline of final camera – ready manuscript:

July 31, 2025

## Abstract submission:

Paper abstracts to LEM21 should be submitted by March 31, 2025, through the online submission system. The abstract should summarize the entire paper and be between 100-200 words in length. Each submitted abstract will be reviewed and decision for abstract acceptance will be made. The detail of the submission will be announced on the webpage.

## Conference chairs:

General chair:

Masako Sudo, Chief Technical Advisor, Fanuc Corporation

Conference co-chairs:

Hiroyuki Sasahara, Professor, Tokyo University of Agriculture and Technology

Kazumasa Kono, General Manager, Makino Milling Machine Corporation

Takashi Matsumura, Professor, Tokyo Denki University

Yasuhiro Takaya, Professor, Osaka University

Program chairs:

Yasuhiro Kakinuma, Professor, Keio University

Ryo Koike, Associate Professor, Keio University

Shuntaro Yamato, Associate Professor, Tokyo University of Agriculture and Technology

Secretariats:

Norikazu Suzuki, Professor, Chuo University

Shoichi Tamura, Professor, Tokyo Denki University