

USE **The 46th** 2025 **Symposium on UltraSonic Electronics (USE2025)**

Date: November 12 (Wed) – 14 (Fri), 2025

Venue: Kunibiki Messe, Matsue, Shimane, Japan



USE Web Site: <https://use-jp.org/>

Preliminary announcement

Organizing Committee Chair
Tsuyoshi Mihara
Shimane University

Steering Committee Chair
Takeshi Morita
The University of Tokyo

Program Committee Chair
Ken Yamamoto
Kansai University

Welcome to USE2025 (Kunibiki Messe, Matsue, Shimane). We hope you will enjoy a fruitful conference and a pleasant stay in Matsue or Izumo area. The Symposium on Ultrasonic Electronics (USE) was first held in December 1980, to bring together experts in diverse fields of ultrasonics, including the fundamentals to applications. Since then, innovations in ultrasonics have been presented and discussed at the symposium. The symposium consists of single oral sessions and poster presentations. Since 2004, the symposium has accepted presentations in English from all over the world, and the second day is reserved for fully International Session. Since 2006, all posters have been presented in English.

There will be more than 250 general papers, three plenary talks including one by a distinguished lecturer of IEEE UFFC, and 400 participants are expected. Authors of presented papers are eligible to submit regular paper or brief note to a Special Issue on Ultrasonic Electronics in the Japanese Journal of Applied Physics (JJAP). The Young Scientist Awards will be selected from presenters at the symposium, and the Best Paper Awards will be selected from the papers published in the Special Issue.

USE2025 Organizing Committee Chair, Tsuyoshi Mihara

General Topics

- (1) Ultrasonic properties of materials, Phonon physics, Acousto-optics
- (2) Measurement techniques, Imaging, Nondestructive evaluation
- (3) Piezoelectric devices (Bulk wave devices, Surface wave devices)
- (4) Nonlinear acoustics, High power ultrasound, Sonochemistry
- (5) Biomedical ultrasound
- (6) Ocean acoustics

The latest information on USE2025 will appear on the website (<https://use-jp.org/>) in April 2025. We will send a guidance to the participants of USE2024 around April 2025. For inquiries about USE2025, please contact:
Steering Committee Chair, Takeshi Morita (The University of Tokyo)
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