

6th Meeting of the Asia-Oceania Sonochemical Society (AOSS-6, 2025)
in conjunction with
34th Annual Meeting of the Japan Society of Sonochemistry (2nd Circular)

December 3-5, 2025

Shimadzu Tokyo Innovation Plaza, Kawasaki, Japan

【Plenary Lecture】

Prof. Muthupandian Ashokkumar (The University of Melbourne)

“Sonochemistry and Sonoprocessing: Limitations & Opportunities for real world applications”

【Invited Talk】

Prof. Sambandam Anandan (National Institute of Technology, Tiruchirappalli)

“Ultrasound-Assisted synthesis of samarium-based metal-organic framework for supercapacitor applications”

Prof. Claudia L. Bianchi (University of Milan)

“Engineering and empowering photocatalysts with ultrasound: A dual strategy for environmental and energy challenges”

Dr. Joydip Mondal (CSIRO Mineral Resource)

“Application of ultrasound for scale prevention in the mineral processing industry”

Prof. Ben Nanzai (Shizuoka Institute of Science and Technology)

“Ultrasonic cavitation in organic solvents and its interfacial region”

Prof. Susumu Nii (Kagoshima University)

“MHz ultrasound-driven process intensification in chemical engineering”

Dr. Patrick Tang (Monash University Malaysia)

“Assessing the role of low frequency ultrasound on microalgae cultivation and lipid accumulation”

Dr. Tan Khang Wei (Xiamen University Malaysia)

“Ultrasonic cavitation: An effective cleaner and greener intensification technology in the extraction and surface modification of nanocellulose”

Prof. Xiaoge Wu (Yangzhou University)

“Algae removal through the synergy of ultrasound and functional nanomaterials”

Prof. Tao Yang (Nanjing Agricultural University)

“Ultrasound food processing: Sono-physical and sono-chemical perspectives”

Prof. Jun-Jie Zhu (Nanjing University)

“Ultrasonic-assisted electrochemiluminescence”

Special Symposium “Biomedical application of ultrasound”

【Plenary Lecture】

Prof. Takashi Kondo (Nagoya University)

“Free radical formation induced by ultrasound. Comparisons with low-temperature plasma and ionizing radiation”

【Invited Talk】

Dr. Loreto B. Feril (Fukuoka University)

“Therapeutic ultrasound strategies in intra-abdominal cancer: potential of ultrasound and plasma-activated lactated Ringer’s”

Dr. Ken-ichi Kawabata (SONIRE Therapeutics Inc.)

“Biological effects induced by ultrasound and their application for cancer therapy”