

【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”

Prof. Xiaoge Wu (Yangzhou University)

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

Dr. Yue Wu (Nanjing Agricultural University)

“Ultrasound-induced inactivation of trypsin inhibitors for improving their functionality”

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”