Invited Speakers

Oratai Jongprateep

Kasetsart University, Thailand



Oratai Jongprateep received the B.S. and M.S. degrees in Materials Science and Engineering from Columbia University, USA, and the Ph.D. degree in Materials Science and Engineering from the University of Missouri–Rolla, USA. She is currently an Associate Professor in the Department of Materials Engineering, Faculty of Engineering, Kasetsart University, Thailand. Her research focuses on advanced functional materials, including biomaterials and wound dressings, electrochemical sensors, photocatalysts, wastewater treatment materials, 3D-printed ceramic and polymer composites, hydroxyapatite-based biomaterials, and antimicrobial smart coatings. She serves on the Executive Board of the Materials Research Society of Thailand (MRS-Thailand) and actively collaborates with international researchers and industry partners on sustainable materials, environmental remediation, and healthcare technologies.