Session 1: ZJU-UIUC Forum (Engineering⁺)

Theme: Explore the Academic Frontiers and Practices of Engineering

Introduction: The ZJU-UIUC Forum is committed to exploring the Frontier Challenges in Engineering, including Smart City, Engineering Sciences for Devices and Applied Materials, as well as Information and Data Sciences. Based on the active cooperation of Zhejiang University-University of Illinois Urbana-Champaign Institute and partners, the forum will collaborate with the industry to review the important scientific research achievements of ZJUI in 2023 and showcase the innovations and practices of newly recruited PIs in the engineering field. The forum aims to promote academic exchanges, facilitate interdisciplinary and cross-domain cooperation, and jointly create a better future.

○ Chairs: Prof. Hongwei WANG
○ Date: January 13, 2024
○ Venue: West Hall, 1C Building

Time	Topic	Speaker
13:30-13:35	Opening Remarks	Prof. Der-Horng LEE
13:35-13:45	2023 Academic Annual Report of ZJUI	Prof. Hongwei WANG
13:45-13:50	Decans Scholarship Award Ceremony	Award Presenter: Xiaobo XU
13:50-14:20	Smart Cities and Urban Intelligent Transportation Systems-Research and Practices from SUPCON	Prof. Yong-Yao YANG
14:20-14:50	Rotating Source Imaging for Fan Blade Noise Control	Prof. Ning CHU
14:50-15:15	QCM-SGM+: Improved Quantized Compressed Sensing with Score-Based Generative Models	Prof. Xiangming MENG
15:15-15:35	Tea Break, Poster Session	
15:35-16:00	Abnormal Thermal Transport Phenomena in Hybrid Perovskites	Prof. Wee-liat ONG
16:00-16:25	Machine Learning Over-the-Air: Two Tales of Interference	Prof. Howard H. YANG
16:25-16:40	Reliability Engineering in the Era of Big Data	Prof. Piao CHEN
16:40-16:55	AIoT Security - From Simple Attacks to Ample Attacks	Prof. Yushi CHENG
16:55-17:10	Effective Multimodal Algorithms for Human Behavior Understanding	Prof. Bruce X.B. YU
17:10-17:20	Best Poster Award	Award Presenter: Prof. Hao MA
17:20-17:25	Closing Remarks	Prof. Der-Horng LEE