

Thailand-Taiwan Bilateral Symposium on Science, Agriculture and Technology

Time (TH)	Time (TW)	
08:30-09:00	09:30-10:00	Registration
09:00-09:10	10:00-10:10	Opening Remarks and Group photo/ Prof. Jenn-Ming Song (Dean of R&D office)
Session I / Chair: Prof. Chih-Feng Huang		
09:10-09:35	10:10-10:35	Prof. Si-Yu Li Department of Chemical Engineering, National Chung Hsing University Waste valorization through synthetic biology
09:35-10:00	10:35-11:00	Prof. Paweena Prapainainar Department of Chemical Engineering, Kasetsart University Nafion Composite Membranes for Direct Alcohol Fuel Cell
10:00-10:25	11:00-11:25	Prof. Kok-Boon Neoh Department of Entomology, National Chung Hsing University Boric Acid Toxic Sugar Bait as Alternative Green Pesticide to Control Resistant <i>Aedes aegypti</i> Mosquito
10:25-10:50	11:25-11:50	Prof. Wen-Hsin Chung Department of Plant Pathology, National Chung Hsing University Identification and Evaluation of New Luffa Hybrid Rootstock to Improve Fusarium Wilt Resistance in Bitter Gourd (<i>Momordica charantia</i> L.)
Lunch		
Session II / Chair: Prof. Kok-Boon Neoh		
12:30-12:55	13:30-13:55	Prof. Yan-Yu Chen Department of Chemical Engineering, National Chung Hsing University Low-Carbon Ethanol Production from Sorghum Sap with CO2 Bioconversion
12:55-13:20	13:55-14:20	Prof. Kanlayawat Wangkawong Department of Basic Science and Physical Education, Kasetsart University Hybrid Semiconductor between Visible Light-Responsive Bi-based Oxide and TiO2 for environmental remedies: CO2 Reduction and Oxidative reaction Applications
13:20-13:45	14:20-14:45	Prof. Tongsai Jamnongkan Department of Basic Science and Physical Education, Kasetsart University Biobased Composites from Agricultural Wastes as Eco-sustainability Materials and Its Applications

Coffee Break		
Session III / Chair: Prof. Tongsai Jamnongkan		
14:20-14:45	15:20-15:45	Prof. Chanat Chokejaroen Department of Environmental Technology and Management, Kasetsart University Decomposition of microplastics using copper oxide/bismuth vanadate-based photocatalysts: Insight mechanisms and environmental impacts
14:45-15:10	15:45-16:10	Prof. Chainarong Sakulthaew Department of Veterinary Nursing, Kasetsart University Dual activation of peroxymonosulfate using MnFe₂O₄/g-C₃N₄ and visible light for efficient degradation of steroid hormones: Performance, mechanisms, and environmental impacts
15:10-15:35	16:10-16:35	Prof. Shih-Yu Wang Department of Soil & Environmental, National Chung Hsing University Collaborative Workshops on Carbon Credits for Southeast Asian Agriculture
15:35-15:45	16:35-16:45	Closing Remarks / Prof. Mon-Shu Ho

9:30-16:45, November 14 (Thr), 2024 at S104 room, National Chung Hsing University, Taichung City, Taiwan
 Program – standard: 25 min (including 20 min presentation + 5 min Q&A)