

2025 Interdisciplinary workshop – Frontiers in Electrochemical and Computational Catalysis (2025 FECC)

時間	姓名	單位	講題
9:50~10:00	報到		
10:00~10:10	開場		
10:10~10:40	魏金明所長	原分所	Influence of S/Cl site's mixing on lithium diffusion behavior in superionic argyrodite Li ₆ PS ₅ Cl
10:40~11:10	葉旻鑫教授	台灣科大	Graphene Quantum Dots based Electrocatalysts for High-value added Power-to-X Reactions
11:10~11:40	陳輝龍教授	文化大學	Employing Computational Models for the Identification and Screening of Single-Atom Metal Nanosheets for Their Potential in Electrochemical Catalysis of Cyanide Reduction Reactions
11:40~12:10	郭俊宏教授	陽明交大	Nano architectonics Engineering to Meet Challenges in Heterogeneous Catalysis
12:10~13:10	中午休息		
13:10~13:40	潘詠庭教授	清華大學	Cell Configuration and Electrode Structure Design for Practical Electrolysis
13:40~14:10	葉丞豪教授	逢甲大學	Two-dimensional PdSnSe ₂ -n/PdPSe van der Waal Heterostructures as Potential Candidates for Overall Photocatalytic Water Splitting Reaction: A DFT study
14:10~14:40	林彥谷博士	同步輻射	An In Situ Look at Interfacial Structure and Dynamics during Catalytic Reaction
14:40~15:00	Coffee break		
15:00~15:30	蔡明剛教授	師範大學	Formic acid synthesis by transition metal chelated MOF-253 materials: A computational perspective
15:30~16:00	陳浩銘教授	台灣大學	Operando Understanding the Dynamic Behavior of Electrocatalysts During CO ₂ Reduction
16:00~17:00	綜合討論		

時間：2025 年 2 月 15 日

地點：台灣科技大學 IB-302

舉辦單位：台灣理論計算分子科學學會、台灣觸媒學會、台灣電化學學會

贊助單位：T2CMSA、SEED

江志強、林昇佃、蘇威年 敬邀