

AGENDA (Nov.27, Inamori Memorial Hall)

Time	Speakers
9:00-9:10	Opening Remarks (Group Photo)
Session A1	Prof. Soichi YAMAGUCHI (KU) <i>Digital Twin Applications in Harmful Algal Bloom Forecasting: First Field Implementation for Karenia Mikimotoi and Chattonella Spp.</i> Prof. Yasuyuki MARUYA (KU) <i>Climate Change Impact Assessment on Water Resources and Environment in a Catchment</i>
9:10-10:30	Prof. Yu-Cheng LIN (TT) <i>Developing BIM-based Project Risk Management System in Construction</i> Prof. Sunbin YOO (KU) <i>Measuring Urban Transport Resilience as Accessibility Loss: Evidence from Flood and Rail Disruptions</i>
10:30-10:50	Break (Group Photo)
Session A2	Prof. Yi-Hsuan Lee (TT) <i>Development of Fe-Based Spinel Materials as Electrodes for SOFCs and SOECs</i> Prof. Irwan SIMANULLANG (KU) <i>Study on Composite-Based Moderators for Small Modular High-Temperature Gas-Cooled Reactors</i> Prof. Zhenying (Jane) WANG (KU) <i>Generalizing Classical Theories of Wetting to Real Liquids</i>
10:50-12:30	Prof. Hsiu-Hui CHEN (TT) <i>Meniscus-Assisted Solution Shearing Enables Highly Ordered Molecular Alignment for Stable Organic Electrical Devices Performance</i> Prof. Shao-Sian LI (TT) <i>Magnetic Field-Driven Spin Polarization in Cobalt-Doped MoS₂ for Efficient N₂ to NH₃ Conversion</i>
12:30-13:30	Lunch @ Salon Room
Session B1	Prof. Natsuki TSUSHIMA (KU) <i>Aeroelastic-Flight Analysis Framework for Next Generation Aircraft</i> Prof. Chin-Wen CHEN (TT) <i>Poly(butylene-co-2,6-naphthalate) Copolyesters: Tailoring Structure for Self-healing Elastomers and Melt-spun Fibers</i>
13:30-14:50	Prof. Jhe-Yu LIN (TT) <i>Microstructure Evolution in Ultrasonic Welding For Battery Cell Tabs Applications</i> Prof. Wei-Tsu PENG (TT) <i>Nanoscale Energy Transport in Metallic and Non-metallic Materials</i>
14:50-15:10	Break
Session B2	Prof. Chun-Che LIN (TT) <i>Inkjet-Printable Anti-Counterfeiting Ink Enabled by Microfluidic-Synthesized NIR PbS/CdS Quantum Dots</i> Prof. Ryusei SAEKI (KU) <i>Synthesis of Functional Metallic Materials via Electrochemical Deposition</i> Prof. Po-Chun CHEN (TT) <i>Iridium Oxide Based Electrode for Bio-Interface and Energy Applications</i>
15:10-16:50	Prof. Hiroshi NARAGINO (KU) <i>Diamond-Based Sensors for Extreme Environments</i> Prof. Ying-Chao HSU (TT) <i>Heterogeneous Integration: Market Trends, Challenges and Innovations</i>
16:50-17:00	Closing Remarks