Poster Presentation program in iWMK 2023

November 16th (Thu.)　17:45-19:30　@ AMEC3, Kobe University

Presenter+Presentation title			
Nanjing Tech University **Jiahui Li** Al fumarate metal–organic framework membrane for methanol/dimethyl carbonate mixtures separation	**Nanjing Tech University** **Zhenggang Wang** A facile strategy of direct incorporating PDMS-b-PEG into PDMS membranes for CO2 capture	**Tsinghua University** **Fangyu Wu** A Structure-Tunable Poly(4-methyl-1-pentene) Hollow Fiber Oxygenation Membrane Fabricated from Non-toxic Binary diluents via Thermally Induced Phase Separation Method	**Tiangong University** **Jun Xiao** Novel design of fouling-resistant molecules having a low interaction energy with charged organic foulants for antifouling surface modification of reverse osmosis membranes
Tiangong University **Gansheng Liu** Preparation of electroneutral zwitterion nanofiltration membranes and dye removal: mechanism analysis of electroneutral zwitterion resistance to different charge dyes	**Victoria University** **Maedeh Nadimi** Unravelling the Impact of Dye Salting-Out Phenomena on Fouling and Wetting in Membrane Distillation for High-Salinity Waste Streams	**Hong Kong University of Science and Technology** Yuanzhi Zheng Near Field Electrospinning of Functional Fibers for Particulate Filtration	**Gyeongsang National University** **Gede Herry Arum Wijaya** Ion Exchange Capacity Improvement Using Polystyrene Particles in SEBS-Based Membranes
Gyeongsang National University **SangMin Eom** Organic Solvent Nanofiltration(OSN) Manufacturing and Characteristic Evaluation Using Polybenzimidazole	**Gyeongsang National University** **Kwangseop Im** Water Electrolysis System Enabling a Circular Economy	**Gyeongsang National University** **SeongMin Han** Engineering polymer synthesis and preparation of anion exchange membrane for anion exchange membrane water electrolysis	**Kobe University** **Shengnan He** Design of gel network to develop a tough gel membrane containing an ionic liquid for CO2 separation
Kobe University **Shang Fang** Polyamide nanofiltration membranes tuned by complexation for efficient Mg2+ /Li+ separation	**Kobe University** **Yusuke Kanki** Adhesiveless direct bonding of different solid materials using Cu-free click chemistry	**Kobe University** **Sarina Yoshida** Gold thin film fabrication by the grwoth of gold nanoparticles immobilized on amino group-presenting surfaces	