

The 73rd SPSJ Annual Meeting

# JAPAN-TAIWAN JOINT SESSION

Theme: FUNCTIONAL POLYMERS and POLYMER FUNCTIONS

**June 5, 2024, 10:00-16:30 (JST)**

Room G, Meeting Room 2, SENDAI INTERNATIONAL CENTER

## Program

10:00-10:30



Yu-Sheng Hsiao (Natl. Taiwan Univ. of Sci. and Tech.)

**“Advanced Wearable Organic Electrochemical Transistors Utilizing Poly(3,4-Ethylenedioxythiophene) Derivatives within Channel Layers for Biomedical Applications”**

10:30-11:00



Yu-I Hsu (Osaka Univ.)

**“Development of Antiviral Copper-plated Polypropylene Non-woven Fabric Filter”**

11:00-11:30



Ming-Chia Li (Natl. Yang Ming Chiao Tung Univ.)

**“Controlling Circular Polarization Luminescence of Stereoregular Poly(methyl methacrylate)”**

## Lunch break

13:30-14:00



Tsukuru Masuda (The Univ. of Tokyo)

**“Analysis of the Molecular Interaction in Structure-controlled Polymer Interface and Construction of Machine Learning Model”**

14:00-14:30



Yan-Cheng Lin (Natl. Cheng Kung Univ.)

**“Semiconducting Polymers with Conjugation Breakers for Stretchable Field-Effect Transistors”**

14:30-15:00



Michio Matsumoto (NIMS)

**“Synthetic Development on Two-dimensional Polymers and Their Use for Water Purification”**

15:00-15:30



Chien-Hsin Wu (Natl. Taiwan Univ.)

**“Progress on the Waste Polycarbonate Recycling”**

15:30-16:00



Junjie Li (Kyushu Univ.)

**“Polymersomes-based Activable Therapeutic Nanoreactors for Tumor-specific Cancer Therapy”**

16:00-16:30



Ying-Ling Liu (Natl. Tsing Hua Univ.)

**“A Study on Extending the Scope of Reagents in Inverse Vulcanization for Preparation of Sulfur-rich Polymers”**