

學生英文口頭競賽 (II)
(地點：E棟13樓1305)

[第一場次]

日期/時間：1/18 (星期五) 13:30 ~ 15:00

| 序號 | 時間 | 論文題目 | 競賽同學 |
|--------|-------------|---|------------------------|
| EII-01 | 13:30-13:40 | Influences of Siloxane Side Chain and End Terminal Group of n-Type Diketopyrrolopyrrole Oligomers on Morphology and OFET Performance | Suhendro Purbo Prakoso |
| EII-02 | 13:40-13:50 | Formation of Helical Structure and Orientation Fluctuation of Cold Crystallization of Isotactic Polystyrene | Hao Yu |
| EII-03 | 13:50-14:00 | An Atomistic Molecular Dynamics Simulation Study on the Solubility of P3HT in Organic Solvents | 巫慶鴻 |
| EII-04 | 14:00-14:10 | Supramolecular Chemistry and Nanotechnology of Low Generation Amphiphilic Dendrimers | 陳韋君 |
| EII-05 | 14:10-14:20 | Fabrication of Porous Multi-metallic oxide sphere via gelation-induced phase separation for LIB application | 張証彥 |
| EII-06 | 14:20-14:30 | Design and Synthesis of Cycloplatinated Polymer Dots as Photocatalysts For Visible Light-Driven Hydrogen Evolution | 張之勵 |
| EII-07 | 14:30-14:40 | Interlayer Modification Using Eco-Friendly Glucose-Based Natural Polymers in Polymer Solar Cells | 林柏辰 |
| EII-08 | 14:40-14:50 | Stretchable Semiconductors Based on Fibrillar Polythiophene-block-Poly(Octylene oxide) towards Deformable Non-Volatile Resistive Memory Devices | 蔣耘洁 |
| EII-09 | 14:50-15:00 | Tuning Perovskite Morphology by Polymer Additive for High Performance Lead-Reduced Mixed-Cation Perovskite Solar Cells | 李怡穎 |

[第二場次]

| 日期/時間：1/18 (星期五) 15:20 ~ 16:50 | | | |
|--------------------------------|-------------|---|---------------------|
| 序號 | 時間 | 論文題目 | 競賽同學 |
| EII-10 | 15:20-15:30 | Effect of Alkyl Side-Chain Length of 5,5'-dioxo-4,4',5,5'-tetrahydro-2H,2'H-[6,6'-bithieno[3,2-b[pyrrole]-2,2'-diylidene] dimalononitrile (DTPQ)-Based N-type Quinoidal Organic Semiconductors in Enabling High Performance Solution-Processed Organic Field Effect Transistor (OFET) | 游芷欣 |
| EII-11 | 15:30-15:40 | Band-gap Tuning of Mixed Halide Perovskite Solar Cells through Ternary Channel Ultrasonic Spray Coating | 郭安哲 |
| EII-12 | 15:40-15:50 | Nanonetwork materials from templated sol-gel reaction for high reflectance films in UV region | 林政緯 |
| EII-13 | 15:50-16:00 | Influence of Alkyl Side Chain Length on Hole Mobility of Selenylated Bithiophene (SeBT)-based Small Molecular Semiconductors | 林珈琪 |
| EII-14 | 16:00-16:10 | Fabrication and Characterization of Photo-Responsible Liquid Crystal Elastomers Based on Azobenzene Derivatives | 洪逸樺 |
| EII-15 | 16:10-16:20 | Stretchable Perovskite-Embedded Electrospun Nanofiber Membranes for Water-Resistant Efficient Light-Emitting Diodes | Dai-Hua, Jiang |
| EII-16 | 16:20-16:30 | Photo-induced Recovery of Organic Field-Effect Transistor Memory with Novel Carbazoledioxazine Based Ambipolar Polymer Electret for Photo-recorder Application | 陳佳慧 |
| EII-17 | 16:30-16:40 | Synthesis of poly(arylene vinylene) conjugated polymers by ring-opening metathesis polymerization and their morphology study | 林彥任 |
| EII-18 | 16:40-16:50 | Enhancing the sensitivity of an optical dual gas sensor fabricated on a transparent anodic aluminum oxide substrate with a polymer matrix | Annada Sankar Sadhu |