**學生英文論文報告比賽**

第一類組: 高分子物理、複材、加工 地點： H207教室 103年1月10日

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| 主持人 |
| 編號 | 時間 | 論文題目 | 報告者 | 頁碼 |
|  | 11:00~12:15 | 本時段無議程 |  |  |
| Lunch |
| 主持人 吳震裕、黃慶怡 教授 |
| OT01 | 13:30~13:45 | Effect of Humidity on Surface Photodegradation of TiO2-filled Coatings | 張敬萱 |  |
| OT02 | 13:45~14:00 | Effects of Stereocomplex on Crystallization Behavior of PLLA | 張瀧元 |  |
| OT03 | 14:00~14:15 | Influential Factors for Epitaxially-Induced Organization of Comb-Like Polythiophene | 賴潔男 |  |
| OT04 | 14:15~14:30 | Bio-inspired nanostructures fabricated via solvent treatment on covered nanosphere assembled monolayers | 張琬宜 |  |
| 主持人 蘇安仲、華繼中 教授 |
| OT05 | 14:30~14:45 | Lamellar Twisting of Enantiomeric Polylactides in Banded Spherulite | 江振宏 |  |
| OT06 | 14:45~15:00 | Controlled Ordering of Block Copolymer Gyroid Thin films | 吳易修 |  |
| OT07 | 15:00~15:15 | Molecular Stacking Structure and Field-Effect Transistor Characteristics of Crystalline Diblock Copolymers of Poly(3-hexylthiophene) and Syndiotactic Polypropylene through Solvent Selectivity | 羅承慈 |  |
| OT08 | 15:15~15:30 | Water-induced morphological transition of self-assembled pyridine-appended cholesterol From nanofiber to nanotube | Nguyen Ngoc Thang |  |
| Coffee Break |
| 主持人 陳文章、喬緒明教授 |
| OT09 | 15:50~16:05 | Well-Ordered Nanoporous Gyroid Epoxy from Bulk Film Templates | 黃尉翔 |  |
| OT10 | 16:05~16:20 | Rayleigh Instability in Polymer Thin Films Coated in the Nanopores of Anodic Aluminum Oxide Templates | 蔡佳展 |  |
| OT11 | 16:20~16:35 | Evaluation of elastic scaffolds made of waterborne biodegradablepolyurethane for tissue engineering applications | 蔡孟釗 |  |
| OT12 | 16:35~16:50 | Fabrication of Tunable Liquid Crystalline Polymer Film with a photonic structure via UV-Polymerization | 簡孜潔 |  |
| OT13 | 16:50~17:05 | A New Polymer-Like Supramolecule Film through Complementary Hydrogen-Bonding Interactions | 林侑立 |  |
| OT14 | 17:05~17:20 | Nanoporous Gyroid Platinum with High Catalytic Activity from Block Copolymer Templates *via* Electroless Plating | 鄭仲甫 |  |
| OT15 | 17:20~17:35 | Facile and green synthesis of multifunctional core shell Au Fe3O4 and Ag Fe3O4 nanoparticles | 周威宇 |  |
|  | 17:35~17:50 | 以下無議程 |  |  |

第二類組: 高分子化學、生醫、薄膜 地點： H207教室 103年1月11日

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| 主持人 戴子安、游進陽教授 |
| 編號 | 時間 | 論文題目 | 報告者 | 頁碼 |
| OT21 | 09:00~09:15 | Synthesis,Characterization and Electron-Transporting Application of Aromatic 1,2,4-Triazole with Diethylene Glycol Monoethyl Ether as Peripheral Groups in OLED**s** | 周聖頴 |  |
| OT22 | 09:15~09:30 | zwitterionic based stainless steel with well defined Polysulfobetaine Brushes for General Bioadhesive Control | 冼美珍 |  |
| OT23 | 09:30~09:45 | EC and PL-active Cyano-containing Poly(Triphenylamine) for High Performance Electrofluorochromic Device | 吳家浩 |  |
| OT24 | 09:45~10:00 | Carbonization of PAN tubular membrane for polar solvent dehydration by pervaporation | 周建成 |  |
| Coffee break |
| 主持人 陳志堅、陳俊太教授 |
| OT25 | 10:30~10:45 | Facilitated transport in ultrathin-film composite membranes applied to CO2 N2 separation | 林勝平 |  |
| OT26 | 10:45~11:00 | Multi-colored Electrochromic Triarylamine –based Polybenzoxazine Precursors and Polybenzoxazines Synthesis and Electrochromic Behavior  | 林璐旂 |  |
| OT27 | 11:00~11:15 | Electrochemistry, Proton-Coupled Electron Transfer, and Memory Device of Functional Aromatic Polymers Containing Anthraquinone Moiety | 張容祥 |  |
| OT28 | 11:15~11:30 | Study on Characteristics of PTFE Membrane by non-plane Stretching with Heat | 許世昕 |  |
| OT29 | 11:30~11:45 | Synthesis of Aromatic-Aliphatic Mixed Carbamates for Rapid Construction of Self-Assembling H-bonded Urea Supramolecules | 郭懿萱 |  |
| OT30 | 11:45~12:00 | Highly improving oxygen barrier properties of PVA GO nanocomposite film by in-situ crosslinking | 陳榮財 |  |
| Lunch |
| 主持人孫幸宜、孫一明教授 |
| OT31 | 13:00~13:15 | ZIF-8 P84 Mixed Matrix Membranes for Pervaporation dehydration of isopropanol water mixtures | 陳顯修 |  |
| OT32 | 13:15~13:30 | Effect of membrane structure with different hydrophilicity for forward osmosis processes | 曾冠銘 |  |
| OT33 | 13:30~13:45 | Synthesis and Application of 4-Isopropenyl Phenol (4-IPP) Derivatives | 黃俊傑 |  |
| OT34 | 13:45~14:00 | Mixed-matrix membrane comprising regulation content of ligands in ZIF-8 90 for carbon dioxide capture | 黃昱璟 |  |
| OT35 | 14:00~14:15 | Morphology design of high flux PVC hollow fiber membranes | 黃朝敬 |  |
| OT36 | 14:15~14:30 | Fabrication of polyelectrolyte complexgraphene oxide nanocomposite membrane for pervaporation dehydration of methanol | 楊偉廷 |  |
| OT37 | 14:30~14:45 | design of zwitterionic blood-inert surface vai ion pair anchoring | 陳聖翰 |  |
|  | 14:45~15:00 | 以下無議程 |  |  |