

## 學生英文口頭競賽議程 I. (入圍名單)

日期/時間：1/13 (星期五) 13:30 ~ 14:45				
序號	時間	論文題目	報告者	分數
OA-E1-01	13:30~13:45	Enhanced thermal stability of organic photovoltaics via incorporating additives	趙英捷	
OA-E1-02	13:45~14:00	Imprinting of wide band photonic structure optical films via multi-gradient UV polymerization	張彥松	入圍
OA-E1-03	14:00~14:15	Synthesis and side-chain isomeric effect of 4,9-/5,10- dialkylated- $\beta$ -angular-shaped naphthodithiophenes-based donor-acceptor copolymers for organic solar cells and fieldEffect transistors	邱德洋	
OA-E1-04	14:15~14:30	Design, synthesis, and application of two-dimensional tetrathienonaphthlene isomers in organic semiconductors	張韶玲	入圍
OA-E1-05	14:30~14:45	Design, preparation and characterization of high performance polymers for transistor type memory	鄭舜文	入圍
日期/時間：1/14 (星期五) 15:40 ~ 16:55				
OA-E2-06	15:40~15:55	Bis-rhodamine based schiff base for the selective detection of Pd <sup>2+</sup> ion	徐漪婷	入圍
OA-E2-07	15:55~16:10	Synthesis and characterization of polyampholyte hydrogel with 2-hydroxyethyl methacrylate and N,N'-methylenebis(acrylamide)	高浚祐	入圍
OA-E2-08	16:10~16:25	Self-healing membrane for pervaporation separation: an example of polybenzimidazole-based membrane on dehydration of isopropanol aqueous solution	Chien-Ho Huang	
OA-E2-09	16:25~16:40	Preparation of self-healing polymeric material via inverse vulcanization	林合耕	
OA-E2-10	16:40~16:55	Zwitterionic polymer brushes: grating on anodic aluminum oxide membranes by surface-initiated atom transfer radical polymerization	朱建威	入圍

## 學生英文口頭競賽議程 II. (入圍名單)

日期/時間：1/13 (星期五) 13:30 ~ 15:00				
序號	時間	論文題目	報告者	
OB-E1-01	13:30~13:45	Conversion from self-assembled block copolymer nanodomains to carbon nanostructures with well-defined morphology	黃以捷	
OB-E1-02	13:45~14:00	Electrocatalytic activity of a nitrogen-enriched mesoporous carbon framework and its hybrids with metal nanoparticles fabricated through the pyrolysis of block copolymers	Cindy Mutiara Septani	
OB-E1-03	14:00~14:15	The effect of organomodified ZnAl LDH for in situ synthesis and the properties of poly(ethylene terephthalate) nanocomposites	Naveen Bunekar	
OB-E1-04	14:15~14:30	Drastic deformation of dendrimer induced by surfactant encapsulation	柳芝螢	入圍
OB-E1-05	14:30~14:45	Synthesis of tri-functionalized polybenzoxazine based nitrogen-doped microporous carbons for carbon dioxide capture	吳佳諭	
OB-E1-06	14:45~15:00	Chirality effect on self-assembly of poly(cyclohexylglycolide)- containing chiral block copolymers	Wen Chun Hsu	
日期/時間：1/14 (星期五) 15:40 ~ 16:55				
OB-E2-07	15:40~15:55	Clay/phosphorous-nitrogen for fire retardant and anti-flame films	蕭昱偉	入圍
OB-E2-08	15:55~16:10	Orienting block copolymer thin films via entropy and surface plasma treatment	盧凱元	入圍
OB-E2-09	16:10~16:25	Interior analyses on lamellar assembly in dual types of ring-banded spherulites of poly(nonamethylene terephthalate)	杜建樺	入圍
OB-E2-10	16:25~16:40	Observation to crystalline morphology in nonequimolar mixtures of poly(L-lactic acid) and poly(D-lactic acid)	陳欣平	入圍

OB-E2-11	16:40~16:55	Manipulation of block copolymer microphase separation behavior under the confinement effect of anodic aluminum oxide templates	鄭名翔	入圍
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### 學生英文口頭競賽議程 III. (入圍名單)

日期/時間：1/13 (星期五) 13:30 ~ 15:00				
序號	時間	論文題目	報告者	
OC-E1-01	13:30~13:45	The effect of oxygen doping on chemical aging and gas transport property of carbon molecule sieve membrane	陳婉瑜	入圍
OC-E1-02	13:45~14:00	From electrospun polymer fibers to polymer particles: morphology evolution driven by the rayleigh instability	邱俞靜	入圍
OC-E1-03	14:00~14:15	Application of microtube array membrane(MTAM) for in vivo anti-cancer immunotherapy drug screening platform	曹芸	
OC-E1-04	14:15~14:30	Study on the fabrication method of positively charged chitosan composite membrane for nanofiltration	蔣志平	入圍
OC-E1-05	14:30~14:45	ZIF-8/polysulfone composite membrane for gas separation	田棋合	
OC-E1-06	14:45~15:00	Fabrication of electrospun cellulose acetate (CA) microtube array membrane (MTAM) for endotoxin removal	Wei-Hao Chen	
日期/時間：1/14 (星期五) 15:40 ~ 16:55				
OC-E2-07	15:40~15:55	Ionic liquids-mediated coil-globule transition of thermoresponsive macromolecule in the crowded environment	梁婉怡	
OC-E2-08	15:55~16:10	Hydrolyzed polyacrylonitrile /graphene composite membrane apply in forward osmosis	黃子慶	
OC-E2-09	16:10~16:25	Controlling polymer-surface chemistries and interfacial interactions with UV irradiated polystyrene chains	吳崧豪	入圍

OC-E2-10	16:25~16:40	One-dimensional polymer nanomaterials using a microwave-annealing-induced nanowetting technique in anodic aluminum oxide templates	張鈞為	入圍
OC-E2-11	16:40~16:55	Structural design of polyimide tubular membrane used to enhance water flux	許皓翔	入圍

## 學生英文口頭競賽議程 IV. (入圍名單)

日期/時間：1/13 (星期五) 13:30 ~ 14:45

序號	時間	論文題目	報告者	
OD-E1-01	13:30~13:45	Versatile functional biointerfaces with multi-polymer brushes for the attachment and detachment control of human blood cells	葉至誠	入圍
OD-E1-02	13:45~14:00	Directional gradients of biointerfaces based on dual reverse click reactions	官振禹	入圍
OD-E1-03	14:00~14:15	Bubble carriers stabilized with sodium dodecyl sulfate for oral delivery of insulin	林柏諺	入圍
OD-E1-04	14:15~14:30	Fabrication of poly(lactic-co-glycolic acid) (PLGA) microtube array membrane (MTAM) for small diameter vascular graft based on the co-culture of smooth muscle cells (SMC) and human umbilical vein endothelial cells (HUVEC)	許伯戎	
OD-E1-05	14:30~14:45	Characterization of a thermoresponsive chitosan derivative as a potential draw solute for forward osmosis	梁慕	

日期/時間：1/14 (星期五) 15:40 ~ 16:55

OD-E2-06	15:40~15:55	General bio-inert control via biomimetic formula anchoring of zwitterionic sulfobetaine copolymers on versatile substrates	賈維森	入圍
OD-E2-07	15:55~16:10	Fabrication and characterization of cellulose triacetate hollow fiber nanofiltration membrane	羅正嚴	
OD-E2-08	16:10~16:25	智能型雙離子化之雙親性共聚高分子結構體設計	唐碩禧	入圍

OD-E2-09	16:25~16:40	Platelet-rich plasma isolation and its concentration control via cationic resins, instead of using traditional centrifugation	曾文宏	入圍
OD-E2-10	16:40~16:55	Facile and direct method for preparing high performance thin-film nanocomposite polyamide membrane based on mussel-inspired nanoparticles	洪麗敏	