

—會議議程表—

2018 年

前瞻高分子科學與技術國際研討會
(International Conference on Advanced
Polymer Science and Technology)
(2018-ICAPST)

會議期間：中華民國 106 年 1 月 12 日 至 13 日

2018 年前瞻高分子科學與技術國際研討會會議議程
International Conference on Advanced Polymer Science and
Technology (Program of 2018-ICAPST)

前瞻高分子科學與技術國際研討會 擬舉辦之議程及邀請學者

Jan. 11th, 2017 (Thr.)

National Taipei University of Technology (Taipei Tech), Taipei City

Time	Program
Place: 北科集思2F (台北科大 億光大樓)	
13:00~18:00	Registration
18:00~21:00	Welcome reception

前瞻高分子科學與技術國際研討會(A) 2018-ICAPST (A)
大會邀請演講: 國際知名教授

Jan. 12th, 2017 (Fri.)

Time	Program	
08:30~09:00	Registration	
Place: 北科集思 2F 感恩廳 (台北科大 億光大樓)		
09:00~09:20	Opening Remark	
09:20~10:20	Polymer Society Member Meeting	
10:20~10:30	Coffee Break	
10:30~11:10	IN-P01	Plenary speech I Dr. James C. Liao (廖俊智) (Taiwan) (President of ACADEMIA SINICA) Expanding metabolism for total biosynthesis of the nonnatural amino acid L-homoalanine (邀請中) Chair: 馬振基 教授
11:10~11:50	IN-P02	Plenary speech II Prof. Junji Kido (Japan) (Director of Frontier Center for Organic Materials, YU) Recent Progress in Organic Light-Emitting Devices Chair: Prof. Show-An Chen (陳壽安 教授)
11:50~13:30	Lunch	

Chair: 韋光華 教授/ 蔡敬誠 教授		Place: 北科集思 2F 感恩廳
13:30~14:05	IN-K01	Keynote speech I Prof. Wen-Chang Chen (陳文章) (Taiwan) (Dean of College of Eng, NTU) A robust, air-stable and recyclable pseudo-hydrogel toward stretchable electronic device applications
14:05~14:30	IN-I01	Prof. Joji Ohshita (Japan) (Dept of Appl Chem, Graduate School of Eng, Hiroshima University) Group 14 Element-bridged Biaryls as Building Units of Conjugated Polymeric Materials
14:30~14:55	IN-I02	Prof. Ching-Hsuan Lin (林慶炫) (Dept of Chem Eng, NTHU) Synthesis of Diallyl-Containing Polyimide and the Effect of Allyl Groups on Properties
14:55~15:20	IN-I03	Prof. Shin-Hyun Kim (Korea) (Dept of Chem & Biomolecular Eng, KAIST) Colloidal Photonic Crystals with Controlled Shape and Optical Property
15:20~15:40	Coffee Break	
Chair: 何榮銘 教授/ 鄭如忠 教授		Place: 北科集思 2F 感恩廳
15:40~16:15	IN-K02	Keynote speech II Prof. Shiao-Wei Kuo(郭紹偉) (Taiwan) (Dept of Materials and Optoelectronic Sci, NSYU) Polybenzoxazine/Polyhedral Oligomeric Silsesquioxane (POSS) Nanocomposites
16:15~16:40	IN-I04	Prof. Redouane BORSALI (France) (Director of POLYNAT Carnot Inst, Grenoble) Carbohydrate-based Block Copolymer Self-Assemblies: Highly Nanostructured Thin Films and DSA Patterning
16:40~17:05	IN-I05	Prof. Toshifumi Satoh (Japan) (Faculty of Eng, Hokkaido University) Synthesis of architecturally complex polymers via organophosphate-catalyzed ring-opening polymerization
17:05~17:30	IN-I06	Prof. Shih-Huang Tung(童世煌) (Taiwan) (Inst Polymer Sci & Eng, NTU) One-Step Electrospinning to Produce Nonsolvent-Induced Macroporous Fibers with Ultrahigh Oil Adsorption Capability
18:00~20:30	Banquet at Small Auditorium (中正堂)	

***註: Chair 主持(暫定)**

Jan. 13th, 2017 (Sat.)

Time	Program	
08:30~09:00	Registration	
Chair: Prof. Junji Kido / 劉貴生 教授		Place: 北科集思 2F 感恩廳
09:00~09:45	IN-P03	Plenary speech III Prof. Chain-Shu Hsu (許千樹) (Taiwan) (Dept of Appl Chem, NCTU) Design and Synthesis of Conjugated Polymers for OPV Applications
09:45~10:20	IN-K03	Keynote speech III Prof. Shinji Ando (Japan) (Dept of Chem and Materials Sci, Tokyo Tech) Multi-Color Fluorescent / Phosphorescent Polyimides Exhibiting Very Large Stokes Shifts and Their Performance for Solar Spectral Conversion
10:20~10:35	Coffee Break	
Chair: 陳信龍 教授/ 彭之皓 教授		Place: 北科集思 2F 感恩廳
10:35~11:10	IN-K04	Keynote speech IV Prof. Yoshiki Chujo (Japan) (Dept of Polymer Chem, Kyoto Univ) New Hybrid Materials Based on Element-Blocks
11:10~11:45	IN-K05	Keynote speech V Prof. Pranee Phinyocheep (Thailand) (Dept of Chem, Faculty of Sci, MU) Modification of natural rubber: a renewable material for properties improvement of poly(lactic acid)
11:45~12:10	IN-I07	Prof. Ying-Ling Liu (劉英麟) (Taiwan) (Dept of Chem Eng, NTHU) Radical Transfer Reactions for preparation of polymeric materials
12:10~13:30	Lunch	
Chair: 徐善慧 教授/ Prof. Pranee Phinyocheep		Place: 北科集思 2F 感恩廳
13:30~13:55	IN-I08	Prof. Yung Chang (張雍) (Taiwan) (Director of R&D Center for Membrane Tech, CYCU) Design, Development, and Applications of Zwitterionic Polymeric Interfaces and Membranes
13:55~14:20	IN-I09	Assoc. Prof. Panya Sunintaboon (Thailand) (Dept of Chem, Faculty of Sci, MU) Investigation on Camphorquinone/3o-amine Visible-light-induced Initiating System for the preparation of Amine-functionalized Core-shell Nanoparticles through Surfactant-free Emulsion Polymerization
14:20~14:45	IN-I10	Prof. Jui-Yang Lai (賴瑞陽) (Taiwan) (Graduate Inst of Biochemical & Biomedical Eng, CGU) Injectable polymeric drug depots for glaucoma therapy
14:50~15:30	Coffee Break	
15:30~16:00	Closing Remark	

前瞻高分子科學與技術國際研討會(B) 2018-ICAPST (B)
國際年輕優秀學者科技論壇發表會

Jan. 13th, 2017 (Sat.)

Time	Program	
08:30~09:00	Registration	
Chair: 陳俊太 教授		Place: 北科集思 2F 感恩廳
09:00~09:20	YIN-01	Asst. Prof. Ho-Hsiu Chou (周鶴修) (Taiwan) Dept. of Chemical Engineering, NTHU User-interactive and Color-tunable Electronic Skin
09:20~09:40	YIN-02	Asst. Prof. Changhyun Pang (Korea) Dept. of Advanced Institute of Nanotechnology, SKKU Bioinspired Nano-Architectures for Dry-Adhesive and Skin-Attachable device
09:40~10:00	YIN-03	Asst. Prof. Yu-Cheng Chu (邱昱誠) Taiwan) Dept. of Chemical Engineering, NTUST Intrinsically Stretchable and Healable Semiconducting Polymer for Skin-Inspired Wearable Transistors
10:00~10:20	YIN-04	Asst. Prof. Chen-Tsyrr Lo (Japan) (Dept. of Organic Materials Science, YU) Synthesis and Applications of Cross-Linked Core-Shell Block Copolymers
10:20~10:35	Coffee Break	
Chair: 鄭彥如 教授		Place: 北科集思 2F 感恩廳
10:35~10:55	YIN-05	Asst. Prof. Jinhwan Yoon (Korea) Dept. of Chemistry Education, PNU Stimuli-responsive hydrogels for advanced soft matter devices
10:55~11:15	YIN-06	Asst. Prof. Chu-Chen Chueh (闕居振) Taiwan) Dept. of Chemical Engineering, NTU Rational Interfacial, Optical, and Device Engineering for High-Performance Polymer and Organometal Halide Perovskite Solar Cells
11:15~11:35	YIN-07	Asst. Prof. Keun Hyung Lee (Korea) Dept. of Chemical Engineering, IU Ionic Liquid Based Solid Polymer Electrolytes for Electrochemical Devices
11:35~11:55	YIN-08	Assoc. Prof. Ploenpit Boochathum (Thailand) Dept. of Chemical, KMUTT Chemical Modification of Natural Rubber: Hydroxylated and Chloroacetated Natural Rubbers and Their Applications
12:10~13:30	Lunch	
Chair: 陳雲 教授		Place: 北科集思 2F 感恩廳

13:30~13:50	YIN-09	Dr. Hung-Ju Yen (顏宏儒) (Taiwan) Institute of Chemistry, Academia Sinica, Structurally Defined 3D Nanographene Assemblies via Bottom-Up Chemical Synthesis for Highly Efficient Lithium Storage
13:50~14:10	YIN-10	Asst. Prof. Lee, Kyung Jin (Korea) Dept. of Fine Chemical Engineering and Applied Chemistry, CNU Highly functionalized thermoplastic polyurethane and their applications
14:10~14:30	YIN-11	Asst. Prof. Chih-Ping Chen (陳志平) (Taiwan) Dept. of Materials Engineering, MCUT Materials design and device engineering in organic and perovskite solar cells
14:30~14:50	YIN-12	Assoc. Prof. Pakorn Opaprakasit (Thailand) School of Bio-Chemical Engineering and Technology, TU Micro-/Nano-Particles with Tunable Properties from Curable Polylactide-based Copolymers for Encapsulation of Active Compounds
14:50~15:30	Coffee Break	
15:30~16:00	Closing Remark	

***註: Chair 主持(未定)**