

九十六年中國化學會年會暨第十一屆台北國際化學會議
Annual Chinese Chemical Society & ICCT 2007 Joint Conference

時間 Time	十二月十四日 (星期五) Dec. 14 th (Friday)	
08:45- 09:00	▶ 大禮堂 Auditorium 開幕典禮 國立清華大學 陳文村校長致詞 Opening Remarks by President Wen-Tsuen Chen (National Tsing Hua University)	
09:00- 10:00	▶ 大禮堂 Auditorium 主持：【OE-C光電研究C組】國立交通大學 許千樹 Chain-Shu Hsu (National Chiao Tung University) 講者：Ben Feringa (Holland) 題目：Moving at the Nanoscale: Molecular Switches and Motors	
10:00- 10:20	茶點 Coffee Break	
10:20- 11:00	▶ 合勤演藝廳 Zyxel Auditorium 【OFET-A 材料化學】 陳家俊 (國立台灣師範大學) Chia-Chun Chen (National Taiwan Normal University)	John E. Anthony (USA) Small-Molecule Design for Organic Electronics
11:00- 11:20		楊吉水 (國立台灣大學) Jye-Shane Yang (National Taiwan University) The Meta vs Para Conjugation Effects on the Electronic Properties of p-Conjugated Systems
11:20- 11:40		葉晨聖 (國立成功大學) Chen-Sheng Yeh (National Cheng Kung University) Bio-Nanomaterials Show in Vitro and in Vivo Potential
11:40- 12:20		Hwan Kyu Kim (South Korea) Lanthanide(III)-Cored Dendrimer Complexes: New Design Criteria and Unusual Photophysical Investigations
10:20- 11:00		▶ 國際會議廳 International Conference Hall 【Cat-B 催化 B 組】 陳建添 (國立台灣師範大學) Chien-Tien Chen (National Taiwan Normal University)
11:00- 11:20		洪伯誠 (國立中正大學) Bor-Cherng Hong (National Chung Cheng University) Organocatalytic Enantioselective Formal [4 + 2] Cycloaddition of α,β -Unsaturated Aldehydes: Applications to the Total Synthesis of (+)-Palitantin
11:20- 11:40		葉名倉 (國立台灣師範大學) Ming-Chang P. Yeh (National Taiwan Normal University) Intramolecular Addition of Conjugated Dienes to Alkynes Catalyzed by Platinum and Gold
11:40- 12:20		Hiroaki Sasai (Japan) Development of Artificial Enzyme using Dendritic Molecule
12:30- 14:00	▶ 小吃部、水木生活中心、風雲樓 2-3 樓 Food Court, Shui Mu Student Center, 2-3F, Feng Yun Building 午餐 Lunch	

時間 Time	十二月十四日 (星期五) Dec. 14th (Friday)	
14:00- 14:40	▶ 合勤演藝廳 Zyxel Auditorium 【OFET-A and LC 有機場效電晶體 A 和液晶研究組】	Yoshiro Yamashita (Japan) Molecular Design of Organic Semiconductors for High-Performance n-Type Field-Effect Transistors
14:40- 15:00	劉如熹 (國立台灣大學) Ru-Shi Liu (National Taiwan University)	林宏洲 (國立交通大學) Hong-Cheu Lin (National Chiao Tung University) Applications of Supramolecular Structures in LC and Light-Emitting Materials
15:00- 15:20		徐秀福 (淡江大學) Hsiu-Fu Hsu (Tamkang University) Maneuver of Long-Range Molecular Order by Liquid Crystal Engineering
14:00- 14:40	▶ 國際會議廳 International Conference Hall 【Cat-D 催化 D 組】	Yoshihito Watanabe (Japan) Molecular Design of Organometalloenzymes
14:40- 15:00	廖文峯 (國立清華大學) Wen-Feng Liaw (National Tsing Hua University)	洪政雄 (中央研究院) Chen-Hsiung Hung (Academia Sinica) Chemistry of Nitrogen Oxides Probed by N-Confused Porphyrin Iron Complex
15:00- 15:20		王雲銘 (高雄醫學大學) Yun-Ming Wang (Kaohsiung Medical University) The Novel Bio-Activated and Targeted Contrast Agents for MRI
15:20- 15:40	茶點 Coffee Break	
15:40- 16:20	▶ 合勤演藝廳 Zyxel Auditorium 【OE-C 光電研究 C 組】	Y. Yamamoto (Japan) Top 5 Program (WPI) in Japan and Evaluation of Research Accomplishments
16:20- 17:00	張一知 (國立台灣師範大學) I-Jy Chang (National Taiwan Normal University)	彭旭明 (國立台灣大學) Shie-Ming Peng (National Taiwan University) Molecular Metal Wires and Molecular Switches
15:40- 16:20	▶ 國際會議廳 International Conference Hall 【Cat-D 催化 D 組】	Julia Kovacs (USA) Understanding How the Thiolate Contributes to the Function of the Non-Heme Iron Enzyme Superoxide Reductase
16:20- 17:00	鄭建中 (國立嘉義大學) Chien-Chung Cheng (National Chiayi University)	黃國柱 (國立清華大學) Kuo-Chu Hwang (National Tsing Hua University) Cooperative Catalysis in the Catalytic Subunits of Xanthine Oxidase
17:00- 17:20	休息時間 Break	
17:20- 18:20	▶ 合勤演藝廳 Zyxel Auditorium 主持：【OE 光電研究】王素蘭 (國立清華大學) Sue-Lein Wang (National Tsing Hua University) 講者：Gérard Férey (France) 題目：Hybrid Porous Solids: A New World	
19:00- 21:00	晚宴 (新竹國賓大飯店) ICCT Banquet (Ambassador Hotel Hsinchu)	

中國化學會九十六年度會員大會
Member Meeting, Chinese Chemical Society

時間：96 年 12 月 15 日（星期六）Dec. 15th (Saturday)

地點：國立清華大學 綜合一館 大禮堂 (Auditorium)

時間 Time	議 程 Program
09:00- 10:00	<p>開幕式Opening Remarks 司儀宣佈典禮開始 中國化學會 周德璋理事長致詞 國立清華大學 陳文村校長致歡迎詞 貴賓致詞： 頒獎（以下敬稱略）</p> <ol style="list-style-type: none"> 1. 化學學術獎：陳長謙 2. 化學服務獎：王文竹 3. 化學技術獎：從缺 4. 傑出青年獎：何佳安、邱勝賢 5. 『中國化學會誌』及『化學』論文獎： <ul style="list-style-type: none"> 『會誌』得獎人及論文： <ol style="list-style-type: none"> I. Synthesis and Biological Evaluation of 5'-Triazole Nucleosides 李榮展、張凱宣、劉行讓、李文山* II. In situ Generated Palladium Nanoparticles for Catalytic Dehalogenation of Aryl Halides and Deboronation of Arylboronic Acids 賴榮億、陳傳霖、劉緒宗* 『化學』得獎人及論文： <ul style="list-style-type: none"> ● 利用動力蒙地卡羅方法來探討半導體階梯表面上的成長過程 林奕君、張金泉、戴欽坤、王伯昌*、李豐穎* 6. 李遠哲院士暨夫人獎學金得獎人：施怡之 7. 第 39 屆國際化學奧林匹亞競賽我國代表：二金二銀(依序) 何應佑、黃韋綸、張凱瑞、林記揚 8. 「我對化學的印象」海報比賽： <ul style="list-style-type: none"> 國小組/ 1.劉冠彤、2.曾詩云、3.曾尉庭 國中組/ 1.鄭凱蒂、2.陳函玉、3.李佳雯 高中組/ 1.莊愛家、2.張嘉容、3.王婷薇 <p>會務報告（劉陵崗秘書長） 提案討論及臨時動議（周德璋理事長主持）</p>
10:00- 10:20	<p>茶點 Coffee Break</p>
10:00- 17:00	<p>圖儀藥品展暨壁報論文（體育館） Exposition & Poster Session (Gymnasium)</p>

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
10:20- 11:20	▶ 大禮堂 Auditorium 【OLED-E 有機電激發光二極體研究-E 組】 主持：中央研究院 翁啟惠院長 Chi-Huey Wong (President of Academia Sinica) 講者：Alan Heeger (諾貝爾獎得主 美國加州大學物理材料學系) (Nobel Laureate, USA; Department of Physics, Department of Materials, University of California at Santa Barbara, California) 題目：Low Cost Plastic Solar Cells : Progress & Prospects	
11:30- 12:30	▶ 大禮堂 Auditorium 廖俊臣 (國立清華大學) Chun-Chen Liao (National Tsing Hua University)	Academic Award Lecture 陳長謙 (中央研究院) Sunney I. Chen (Academia Sinica) Controlled Oxidation of Hydrocarbons by the Membrane-Bound Methane Monooxygenase: Lessons From Nature for the Rational Design of Catalysts
11:30- 12:10	▶ 合勤演藝廳 Zyxel Auditorium 【OE-C 光電研究 C 組】 季昀 (國立清華大學)	Sang Ook Kang (South Korea) Enhanced Charge Carrier Mobility Derived from Cyclization of a Silene Unit on Silole Derivatives: Syntheses, Photophysical Properties and Device Fabrication of Spiro-Siloles
12:10- 12:30	Yun Chi (National Tsing Hua University)	林弘萍 (國立成功大學) Hong-Ping Lin (National Cheng Kung University) Synthesis and Applications of Mesoporous Carbon
11:30- 12:10	▶ 國際會議廳 International Conference Hall 【OE-C 光電研究 C 組】	Leonard V. Interrante (USA) Polycarbosilanes as Ceramic Precursors and Low-k Dielectric Materials
12:10- 12:30	梁文傑 (國立台灣大學) Man-Kit Leung (National Taiwan University)	林建村 (中央研究院) Jiann-Tsuen Lin (Academia Sinica) Materials Capable of Ambipolar Transport for OLEDs
11:30- 13:30	▶ 化學館121室 R121, 1F, Chemistry Building	女化學家年會 Meeting of Woman Chemists
11:30- 13:30	▶ 化二館223室 R223, 2F, Chemistry Building II	分析小組會議 Analytical Chemistry Division Meeting
12:30- 12:40	▶ 圖書館門口 Doorway of Library ICCT 講師團體合照 ICCT Speakers' Group Photo	
12:40- 14:00	▶ 小吃部、水木生活中心、風雲樓 2-3 樓 Food Court, Shui Mu Student Center, 2-3F, Feng Yun Building 午餐 Lunch	

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
14:00- 14:40	▶ 合勤演藝廳 Zyxel Auditorium 【Nano-B1 奈米 B1 組】 葉名倉 (國立台灣師範大學)	M. G. Finn (USA) Playing with Fire: the Mechanism of Copper-Catalyzed Azide-Alkyne Cycloaddition
14:40- 15:00	Ming-Chang Yeh (National Taiwan Normal University)	呂光烈 (中央研究院) Kuang-Lieh Lu (Academia Sinica) Design, Self-Assembly and Sensing Device of Re-Based Metallacycles
15:00- 15:20		陳俊顯 (國立台灣大學) Chun-Hsien Chen (National Taiwan University) Measurements of Single Molecular Conductance by STM Break Junction
14:00- 14:40	▶ 國際會議廳 International Conference Hall 【Cat-B 催化 B 組】 陳竹亭 (國立台灣大學)	Carsten Bolm (Germany) Iron-Catalyzed Organic Reactions
14:40- 15:00	Jwu-Ting Chen (National Taiwan University)	林助傑 (國立中興大學) Chu-Chien Lin (National Chung Hsing University) Ring-Opening Polymerization of Lactides and Related Cyclic Esters Initiated by Metal Alkoxides
15:00- 15:20		陳建添 (國立台灣師範大學) Chien-Tien Chen (National Taiwan Normal University) Directed Evolution of Chiral Vanadyl(V) Complexes into C4-Symmetric Pentanuclear Clusters by Exclusive Recognition of Potassium Vanadate from Aqueous Solution: New Aspects in Asymmetric Catalysis
14:00- 14:20	▶ 化學館125室 R125, 1F, Chemistry Building 【Phys Chem 物理化學】 劉國平 (中央研究院)	朱超原 (國立交通大學) Chao-Yuan Zhu (National Chiao Tung University) General Nonadiabatic Transition and Tunneling Formula for Non-Born-Oppenheimer Molecular Dynamics
14:20- 14:40	Ko-Pin Liu (Academia Sinica)	鄭博元 (國立清華大學) Po-Yuan Cheng (National Tsing Hua University) Coherent Vibrational Motion during Isomerization in Azobenzene Cation
14:40- 15:00		李世煌 (國家同步輻射研究中心) Shih-Huang Lee (National Synchrotron Radiation Research Center) Crossed-Beam Reactions of Atomic Oxygen with Ethylene
15:00- 15:20		倪其焜 (中央研究院) Chi-Kung Ni (Academia Sinica) Supercollisions and Energy Transfer of Highly Vibrationally Excited Naphthalene

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
14:00– 14:20	▶ 化二館223室 R223, 2F, Chemistry Building II 【Anal Chem 分析化學】	李茂榮 (國立中興大學) Maw-Rong Lee (National Chung Hsing University) Determination of F ₂ -Isoprostanes in Urine by LC-MS/MS and HESI-FAIMS-MS/MS
14:20– 14:40	曾志明 (國立嘉義大學) Jyh-Myng Zen (National Chiayi University)	傅傳博 (國立暨南國際大學) Chwan-Bor Fuh (National Chi Nan University) Development of Magnetic Immunoassay for Biochemical Analysis
14:40– 15:00		江旭禎 (國立中山大學) Shiuh-Jen Jiang (National Sun Yat-sen University) Applications of LC-DRC-ICP-MS in Elemental Speciation Analysis
15:00– 15:20		楊重熙 (國家衛生研究院) Chung-Shi Yang (National Health Research Institutes) Physiological Fate of Nanoparticles in the Body: an Important Step for Translating in Vivo Nanobiotechnology to Nanomedicine
14:00– 14:20	▶ 化學館B07室 RB07, B1, Chemistry Building 【Org Chem 有機化學】 楊圖信 (國立中興大學)	邱勝賢 (國立台灣大學) Sheng-Hsien Chiu (National Taiwan University) Precise Facial Control in the Threading of Guests into a Molecular Cage
14:20– 14:40	Tu-Hsin Yang (National Chung Hsing University)	李瑜章 (國立嘉義大學) Yu-Jang Li (National Chiayi University) Synthesis of Serratine Analogs via Tandem Cope Elimination/1,3-Dipolar Cycloaddition Reactions
14:40– 15:00		侯敦仁 (國立中央大學) Duen-Ren Hou (National Central University) Asymmetric Syntheses of (+)-Cladospolide C and D — Application of Cross Metathesis
15:00– 15:20		吳耀庭 (國立成功大學) Yao-Ting Wu (National Cheng Kung University) Palladium-Catalyzed Cascade Reactions of Alkynes

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
14:00– 14:20	▶ 化工館B18室 RB18, B1, Chemical Engineering Building 【Inorg Chem 無機化學】	蔡易州 (國立清華大學) Yi-Chou Tsai (National Tsing Hua University) Chemistry of Low-Valent Vanadium and Chromium Complexes Supported by β -Diketiminates
14:20– 14:40	林英智 (國立台灣大學) Ying-Chih Lin (National Taiwan University)	徐新光 (中央研究院) Shin-Guang Shyu (Academia Sinica) Effect of Metal Salen Complex in the Base-Catalyzed Catalytic Reaction between Carbon Dioxide and Epoxides
14:40– 15:00		陳元璋 (輔仁大學) Yuan-Jang Chen (Fu Jen Catholic University) Through Bond Coupling in Trimetal Complex
15:00– 15:20		蔡惠蓮 (國立成功大學) Hui-Lien Tsai (National Cheng Kung University) The $[\text{Mn}_3\text{O}]^{7+}$ Triangular Core as a Building Unit for New Molecular Magnets
15:20– 15:40		茶點 Coffee Break
15:40– 16:20	▶ 合勤演藝廳 Zyxel Auditorium 【Nano-B1 奈米 B1 組】 陳錦地 (中央研究院)	Alex K.-Y. Jen (USA) Molecular Design and Controlled Self-Assembly for Organic Photonic and Optoelectronic Materials with Unprecedented Properties
16:20– 17:00	Chin-Ti Chen (Academia Sinica)	陳貴賢 (國立台灣大學) Kuei-Hsien Chen (National Taiwan University) Label-Free Dual Sensing of DNA Molecules Using DNA Nanowires
15:40– 16:20	▶ 國際會議廳 International Conference Hall 【Cat-B 催化 B 組】	Li Deng (USA) Cooperative Asymmetric Catalysis with Cinchona Alkaloids
16:20– 17:00	劉緒宗 (國立台灣大學) Shiuh-Tzung Liu (National Taiwan University)	Takeo Kawabata (Japan) Fine Molecular Transformation by Nucleophilic Catalysis

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
15:40– 16:00	▶ 化學館125室 R125, 1F, Chemistry Building 【Phys Chem 物理化學】 張大釗 (中央研究院)	楊家銘 (國立清華大學) Chia-Min Yang (National Tsing Hua University) Swelling Agent-Free Synthesis of Siliceous and Functional Mesocellular Foams
16:00– 16:20	Ta-Chau Chang (Academia Sinica)	林寬鋸 (國立中興大學) Kuan-Jiuh Lin (National Chung Hsing University) Room-Temperature Spontaneous Magnetization in a Radical-Based Methyl Viologen
16:20– 16:40		楊子萱 (國立中正大學) Tzyy-Schiuan Yang (National Chung Cheng University) A Fluorescence Single-Molecule View of Cobra Phospholipase A ₂ Action on Lipid Bilayers
16:40– 17:00		廖奕翰 (國立交通大學) Ian Liao (National Chiao Tung University) Peeking into Single Cells and Tissues with Advanced Raman Techniques
15:40– 16:00		▶ 化二館223室 R223, 2F, Chemistry Building II 【Anal Chem 分析化學】 張煥宗 (國立台東大學、國立台灣大學)
16:00– 16:20	Huan-Tsung Chang (National Taitung University, National Taiwan University)	林震煌 (國立台灣師範大學) Cheng-Huang Lin (National Taiwan Normal University) Hadamard Transform-Gas Chromatography/Mass Spectrometry
16:20– 16:40		周禮君 (國立中正大學) Lai-Kwan Chau (National Chung Cheng University) Single-Step Approach to Prepare Functionalized Silica Monolithic Columns for Capillary Electrochromatography
16:40– 17:00		丁望賢 (國立中央大學) Wang-Hsien Ding (National Central University) Determination of Alkylphenol Residues in Food and Milks

時間 Time	十二月十五日 (星期六) Dec. 15th (Saturday)	
15:40- 16:00	▶ 化學館B07室 RB07, B1, Chemistry Building 【Org Chem 有機化學】 李耀坤 (國立交通大學)	李文山 (中央研究院) Wen-Shan Li (Academia Sinica) Design and Biological Evaluation of Anti-Cancer Agents Based on Rational Development of Enzyme Inhibitors
16:00- 16:20	Yaw-Kuen Li (National Chiao Tung University)	高佳麟 (高雄醫學大學) Chai-Lin Kao (Kaohsiung Medical University) Study of the Linear Macrolide Precursor as a Substrate of Glycosyltransferase
16:20- 16:40		程中玉 (國立中正大學) Jong-Yuh Cherng (National Chung Cheng University) Synthesis and Biological Properties of Polyurethane-Based Cationic Polymers for Gene Delivery
15:40- 16:00	▶ 化工館B18室 RB18, B1, Chemical Engineering Building 【Inorg Chem 無機化學】	李漢文 (國立彰化師範大學) Hon Man Lee (National Changhua University of Education) Palladium(II) and Nickel(II) Complexes with N-Heterocyclic Carbene and Amido Functionalities
16:00- 16:20	呂光烈 (中央研究院) Kuang Lieh Lu (Academia Sinica)	曾炳堯 (國立中正大學) Biing-Chiau Tzeng (National Chung Cheng University) Supramolecular Assembly and Molecular-Recognition Studies of the Metal-Containing Pyridyl-Amide Systems
16:20- 16:40		林敬堯 (國立暨南國際大學) Ching-Yao Lin (National Chi Nan University) Electrochemical and Spectral Properties of N-Methyl-Pyridylethynyl Porphyrins
16:40- 17:00		李積琛 (國立交通大學) Chi-Shen Lee (National Chiao Tung University) Morphology Control of Metal Oxide Nanomaterials
17:00- 17:20	休息時間 Break	
17:20- 18:20	▶ 合勤演藝廳 Zyxel Auditorium 主持：【Cat-D 催化 D 組】國立台灣師範大學 張一知 I-Jy Chang (National Taiwan Normal University) 講者：John Dawson (USA) 題目：Mechanistic Studies of Oxidative Halophenol Dehalogenation by Heme-Containing Peroxidases	
19:00- 21:00	晚宴 (新竹老爺大酒店) CCS Banquet (Hotel Royal Hsinchu)	

時間 Time	十二月十六日 (星期日) Dec. 16 th (Sunday)	
09:00– 10:00	▶ 合勤演藝廳 Zyxel Auditorium 【NANO-B1 奈米 B1 組】 陶雨台 (中央研究院) Yu-Tai Tao (Academia Sinica)	Eiichi Nakamura (Japan) Synthesis and Properties of Carbon Cluster Complexes
10:00– 10:20	茶 點 Coffee Break	
10:00– 17:00	圖儀藥品展暨壁報論文 (體育館) Exposition & Poster Session (Gymnasium)	
10:20– 11:00	▶ 合勤演藝廳 Zyxel Auditorium 【OE-C 光電研究 C 組】 周大新 (中央研究院)	Wai-Yeung Wong (Hong Kong) Heavy Metal Electrophosphors Derived from Multifunctional Chromophores
11:00– 11:20	Tashin J. Chow (Academia Sinica)	陳錦地 (中央研究院) Chin-Ti Chen (Academia Sinica) Development of Solid-State Non-Fluorescence Quenching Red Fluorophores for Organic Light-Emitting Diodes
11:20– 11:40		汪根樣 (國立台灣大學) Ken-Tsung Wong (National Taiwan University) Large Band-Gap Organic Conjugated Materials for Highly Efficient Electrophosphorescence Devices
11:40– 12:20		Soo Young Park (South Korea) Luminescent Molecular Materials: Enhanced Emission, Excited-State Prototropy, Inter-Ligand Energy Transfer, and Luminescence Switching
10:20– 11:00	▶ 國際會議廳 International Conference Hall 【Nano-B2 奈米 B2 組】	Gion Calzaferri (Switzerland) Mimicking the Antenna System of Green Plants
11:00– 11:20	李光華 (國立中央大學) Kwang-Hwa Lii (National Central University)	吳春桂 (國立中央大學) Chun-Guey Wu (National Central University) Molecular Design of Ruthenium Complexes for High Performance DSSC Cells
11:20– 11:40		許昭萍 (中央研究院) Chao-Ping Hsu (Academia Sinica) Electronic Coupling in Ground and Excited State Molecules
11:40– 12:20		Hicham Fenniri (Canada) Thermoreversible Supramolecular Homochirality from an Achiral Pool

時間 Time	十二月十六日 (星期日) Dec. 16 th (Sunday)	
10:20- 12:20	▶ 化學館B07室 RB07, B1, Chemistry Building 【Chem Edu 化學教育】 陳幹男 (淡江大學) Kan-Nan Chen (Tamkang University)	化學教育分組演講 10:20-10:40 Lida Schoen 10:40-11:05 Erica Steenberg 11:05-11:20 邱美虹 Mei-Hung Chiu 11:20-11:35 張淑女 Shu-Nu Chang 11:35-11:50 周金城 Chin-Cheng Chou 11:50-12:05 吳宏達 Hung-Ta Wu and Shu-Hua Chen 12:05-12:20 Discussion with all speakers Lida Schoen, Erica Steenberg, & Mei-Hung Chiu
10:20- 12:20	▶ 化學館 326 室 【有機組】 R326, 3F, Chemistry Building ▶ 化學館 125 室 【無機組】 R125, 1F, Chemistry Building ▶ 化二館 223 室 【物化&藥物】 R223, 2F, Chemistry Building II ▶ 化學館 121 室 【分析組】 R121, 1F, Chemistry Building ▶ 化學館 114 室 【生化組】 R114, 1F, Chemistry Building	研究生論文獎複試演講 Student Presentation for Graduate Thesis Awards
12:20- 14:00	▶ 小吃部、風雲樓 2-3 樓 Food Court, 2-3F, Feng Yun Building 午 餐 Lunch	
14:00- 14:40	▶ 國際會議廳 International Conference Hall 【OLED-E 有機電激發光二極體	Carlo A. Bignozzi (Italy) Dye Engineering and Electron Mediators for Dye Sensitized Solar Cells
14:40- 15:20	研究 E 組】 牟中原 (國立台灣大學) Chung-Yun Mou (National Taiwan University)	韋光華 (國立交通大學) Kung-Hwa Wei (National Chiao Tung University) Nanoparticles Enhanced Polymer Light Emitting Diode
14:00- 14:40	▶ 合勤演藝廳 Zyxel Auditorium 【Nano-B2 奈米研究 B2 組】	Guillermo Carlos Bazan (USA) New Materials for Biosensor Design and Device Fabrication
14:40- 15:20	洪偉修 (國立清華大學) Wei-Hsiu Hung (National Tsing Hua University)	周必泰(國立台灣大學) Pi-Tai Chou (National Taiwan University) En Route to the Molecules/Nanomaterials of Highly Efficient Emission

時間 Time	十二月十六日 (星期日) Dec. 16 th (Sunday)	
14:00– 14:40	▶ 化二館223室 R223, 2F, Chemistry Building II 【Bio Chem 生物化學】	孫仲銘 (國立交通大學) Chung-Ming Sun (National Chiao Tung University) Fluorous and Traceless Synthesis of Hydantoin-Fused-Carbolines as the Inhibitors of Angiogenesis and Lymphogenesis
14:40– 15:20	余靖 (國立清華大學) Chin Yu (National Tsing Hua University)	吳介信 (中國醫藥大學) Chieh-Hsi Wu (China Medical University) Elucidating the Inhibitory Effects of a Novel Agent OSU-03012 on Vascular Smooth Muscle Cell Proliferation
14:00– 14:20	▶ 化工館B18室 RB18, B1, Chemical Engineering Building	阮國棟 (行政院環境保護署) Gwo-Dong Roam (Environmental Protection Administration) Technologies Derived from Green Chemistry
14:20– 14:40	【Green Chem 綠色化學】 余艇 (國立交通大學) Tiing Yu (National Chiao Tung University)	魏國佐 (國立中正大學) Guro-Tzo Wei (National Chung Cheng University) Green Catalytic Processes with Room Temperature Ionic liquids
14:40– 15:00		瞿港華 (國立花蓮教育大學) Kong-Hwa Chiu (National Hualien University of Education) Application of Water/Sc-CO ₂ /Ionic Liquid Three-Step System on the Metal Extraction
15:00– 15:20		李豐穎 (國立中興大學) Feng-Yin Li (National Chung Hsing University) Green Energy from the Perspective of Physical Chemistry: Using Manufacture of Silicon Substrate for Polycrystalline Silicon Solar Cell as an Example
14:00– 14:40	▶ 化學館B07室 RB07, B1, Chemistry Building 【Appl Chem 應用化學】	張光偉 (工業技術研究院) Guang-Way Jang (Industrial Technology Research Institute) Polylactic Acid for Packaging Applications
14:40– 15:20	林建村 (中央研究院) Jiann-Tsuen Lin (Academia Sinica)	林坤海 (中國石油) Kun-Hai Lin (Chinese Petroleum Corporation) Investigation of the Characteristics of Gasohol and Biodiesel
15:20– 15:40	茶 點 Coffee Break	

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15:40- 16:20	▶ 合勤演藝廳 Zyxel Auditorium 【OE-C 光電研究 C 組】 李遠鵬 (國立交通大學)	Thuc-Quyen Nguyen (USA) Charge Injection Mechanism in Polymer Light-Emitting Diodes Using Conjugated Polyelectrolytes as Electron Transporting Layers
16:20- 16:40	Yuan-Pern Lee (National Chiao Tung University)	刁維光 (國立交通大學) Eric Wei-Guang Diao (National Chiao Tung University) Fabrication and Characterization of Dye/TiO ₂ Nanostructural Thin Films for DSSC Applications
16:40- 17:00		王俊凱 (國立台灣大學) Juen-Kai Wang (National Taiwan University) Some Progresses of Our Studies in Surface-Enhanced Raman Scattering
15:40- 16:20	▶ 國際會議廳 International Conference Hall 【NANO-B2 奈米 B2 組】 林俊宏 (中央研究院)	Soledad Penades (Spain) Glyconanotechnology: A Strategy for the Preparation of Multifunctional Nanoparticles with Application in Biomedicine and Material Science
16:20- 16:40	Chun-Hung Lin (Academia Sinica)	林俊成 (國立清華大學) Chun-Cheng Lin (National Tsing Hua University) Application of Functionalized Nanoparticle in Protein Isolation, Detection and Targeting
16:40- 17:00		方俊民 (國立台灣大學) Jim-Min Fang (National Taiwan University) Conjugation of Carbohydrate Molecules for Glycobiology: Carbohydrate Modified Quantum Dots and Direct Amide Bond Linkage
15:40- 16:20	▶ 化二館223室 R223, 2F, Chemistry Building II 【Bio Chem 生物化學】	謝興邦 (國家衛生院) Hsing-Pang Hsieh (National Health Research Institutes) Case Studies: Lead Identification and Optimization in New Drug Discovery
16:20- 17:00	余靖 (國立清華大學) Chin Yu (National Tsing Hua University)	馬徹 (中央研究院) Che Ma (Academia Sinica) Membrane Proteins and Drug Discovery

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15:40– 16:00	▶ 化工館B18室 RB18, B1, Chemical Engineering Building 【Green Chem 綠色化學】	余艇 (國立交通大學) Tiing Yu (National Chiao Tung University) Liquid–Liquid Extraction of Lysozyme Using a Dye–Modified Ionic Liquid
16:00– 16:20	凌永健 (國立清華大學) Yong–Chien Ling (National Tsing Hua University)	張煥宗 (國立台東大學) Huan–Tsung Chang (National Taitung University) Green Preparation and Application of Nanomaterials
16:20– 16:40		李吉祥 (工業研究院) Lucky Lee (Industrial Technology Research Institute) Research & Development of Biomaterials from Biomass
16:40– 17:00		趙奕婷 (中央研究院) Ito Chao (Academia Sinica) Observations about Green/Sustainable Chemistry
15:40– 16:20	▶ 化學館B07室 RB07, B1, Chemistry Building 【Appl Chem 應用化學】 張光偉 (工業研究院)	林建村 (中央研究院) Jiann–T’suen Lin (Academia Sinica) Metal–Free Organic Dyes for Efficient Dye–Sensitized Solar Cells
16:20– 17:00	張光偉 (工業研究院) Guang–Way Jang (Industrial Technology Research Institute)	鄭功龍 (工業研究院) Kung–Lung Cheng (Industrial Technology Research Institute) Current Status of the Material for Flexible Display
17:00– 17:10	休息時間 Break	
17:10– 17:20	▶ 合勤演藝廳 Zyxel Auditorium 閉幕致詞 Closing Remarks	