

# 化學研究推動中心 96 年度活動報導

化學研究推動中心主任 彭旭明

## 一、研討會

到目前為止，通過補助舉辦的國內研討會有：

1. 清華大學化學系舉辦「2006 年台澳綠色化學研討會」，主持人為凌永健教授。(95.10.23)
2. 中研院分生所舉辦「結晶學小型研討會」，主持人為蕭傳鐙教授。(96.01.27)
3. 淡江大學化學系舉辦「理論與計算化學研討會」，主持人為王伯昌教授。(96.04)
4. 彰師大化學系舉辦「無機錯鹽化學小組研討會」，主持人為黃瑞賢教授。(96.04.27)
5. 清華大學生醫工程與環境科學系舉辦「2007 年分析技術交流研討會」，主持人為孫毓璋教授。(96.05.26)
6. 成功大學化學系舉辦「第四屆台灣質譜年會」，主持人為陳淑慧教授。(96.06.29)
7. 大同大學舉辦「第 25 屆台灣區觸媒與反應工程研討會」，主持人為洪賑城教授。(96.07.06)

## 二、訪問學者

今年通過補助重要國際科技人士訪問案有：

1. Chad A. Mirkin, Inorganic; Physical/Analytical; Materials, Professor, Department of Chemistry, Northwestern Univ., USA (95.9.24-30)
2. Jean-Pascal Sutter, Nano-porous architectures, Molecule-based magnets Nano-magnets, 法國 Toulouse(土魯士)國家化學研究院資深研究員(95.10.1-7)
3. Fraser Armstrong, Biological chemistry, Professor, Department of Chemistry, St John's College, USA (95.10.2-7)
4. Junji Inanaga, 鑰系金屬有機化學、不對稱及官能性有機合成，日本九州大學教授(95.10.21-27)
5. Thomas T. Tidwell, Destabilized carboca-

- tions, Ketene chemistry, Professor, Univ. of Toronto, Canada; President of Canadian Chemical Society (95.10.24-30)
6. Jean-Jacques Girerd, 生物無機化學、磁性化學, Prof. & Director, Univ. Paris-sud, France (95.10.27-11.4)
7. H. Kitagawa, 固態化學、奈米科學，日本九州大學教授(95.11)
8. Fumiyuki Ozawa, 有機金屬化學，日本京都大學教授(95.11.7-12)
9. Ziad El Rassi, High Performance Liquid Chromatography, Capillary Electrophoresis, Prof., Oklahoma State Univ., USA (95.11.8-12)
10. Hisao Nishiyama, 不對稱催化反應、有機合成，日本名古屋大學教授 (95.11.18-24)
11. Laren M. Tolbert, Organic photochemistry, Photobiology, Electronic materials, Professor, Associate Editor for the Journal of the American Chemical Society (95.11. 19-26)
12. Koichi Ohno, Theoretical Chemistry, Professor Tohoku University, Japan (95.11.21-26)
13. Satoshi Yabushita, Theoretical Chemistry, Professor, Keio University, Japan (95.11.21-26)
14. Masakatsu Shibasaki, 生物有機、有機合成、藥物化學, Professor, The University of Tokyo, Japan (95.11.23-29)
15. Daniel G. Nocera, 奈米材料、能源開發、電子轉移, Professor, Massachusetts Institute of Technology, USA (95.11.23-29)
16. Martin Head-Gordon, Theoretical Chemistry, Electronic Structure Calculations, Professor, Univ. of California (Berkeley), USA (95.12.9-19)
17. Donald H. Levy, Laser spectroscopy in supersonic molecular beams, Professor, the University of Chicago, USA (95.12.10-16)
18. Henry Shaefer, 理論化學, Professor, the University of Georgia, USA (95.12.10-16)

19. John C. Tully, 論發展分子動力學, Professor, Yale University, USA (95.12.10-16)
20. John Ewart McGrady, 量子化學、計算化學, Professor of Computational Chemistry, Univ. of Glasgow, UK (95.12.10-15)
21. Sham, Tsun-Kong (T.K.), 光物理、同步輻射、奈米材料, Professor, University of Western Ontario, Canada (95.12.13-17)
22. Heinz Berke, Synthetic organometallic chemistry; reactive transition metal centers, Professor, Universität Zürich, Germany (96.2.26-3.3)
23. Rong-Jun Xie (解榮軍), 螢光粉相關之材料化學, Senior Researcher, National Institute for Materials Science, Japan (96.3.11-17)
24. Jérôme Lacour, Asymmetric recognition, enantioselective synthesis and catalysis, Professor, Université de Genève, Switzerland (96.3.15-21)
25. Richard H. Friend, Conjugated Polymers, Professor, University Cambridge, UK (96.4.15-22)
26. Ghassan E. Jabbour, Flexible electronics and displays, smart textile, Professor, Arizona State University, USA (96.4.15-22)
27. Ye Tao, OLEDs for display and general lighting applications, Senior Research Officer, Inst. For Microstructural Sci, NRC, Canada (96.4.15-22)
28. Mitsuhiro Shionoya, Metal-mediated molecular motion; Dynamic metal-assisted self-assembly, Professor, The University of Tokyo, Japan (96.4.19-25)
29. Sang Ook Kang, Organoborane and Polyhedral Borane Chemistry; Organosilicon, Chemistry, Professor, Korea Univ., Korea (96.4.19-25)
30. Itaru Hamachi, Biomolecular Chemistry, Nanobio-Chemistry and Engineering, Supramolecular Chemistry, Professor, Kyoto University, Japan (96.5.3-10)
31. Eric James Thomas, Organic Chemistry, Medicinal Chemistry, Professor, The University of Manchester, UK (96.5.13-19)
32. 張啓光教授, 有機合成及紫質合成, Professor, Michigan State Univ., USA (96.5.17-24)
33. Steve Granick, Single-Molecule Methods, Polymers Complex Fluids, Biomaterials, Professor, Univ. of Illinois at Urbana-Champaign, USA (96.5.20-26)
34. Ernesto Carmona, Organometallic Chemistry, Professor, University of Sevilla, Spain (96.5.21-27)
35. Norihiro Tokitoh, 有機化學、有機金屬化學, 日本京都大學教授(96.5.28-6.2)
36. David Scott Bohle, 生物化學, 生物無機化學, Professor, McGill University, Canada (96.6.3-9)
37. Hicham Fenniri, Hexabenzocoronene Model Compounds for Asphaltene Fractions; Helical Rosette Nanotubes: A More Effective Orthopedic Implant Material, Professor, The University of Alberta, Canada (96.6.3-7)
38. A. K. Shukla, Materials Electrochemistry with Emphasis to Batteries, Fuel Cells, Professor, Central Electrochemical Research Institute, India (96.6.3-9)
39. Kirk S. Schanze, Chemistry of photoresponsive organic materials; electron and energy transfer processes, Professor, University of Florida, USA (96.6.16-24)
40. Masatake Haruta, Catalysis, Colloid, Gold Chemistry and Catalyst Characterization, Professor, Tokyo Metropolitan University, Japan (96.7.5-10)
41. Kyung Byung Yoon, 材料化學, Professor, Sogang University, Korea (96.9)
42. Kizashi Yamaguchi, 理論化學, Professor, Osaka University, Japan (96.9)

### 三、短期訪問審查

1. Ann Mary Chippindale, Solid State Chemistry, Professor, The University of Reading, UK. (王素蘭教授)
2. Steven Chu, 物理、應用物理, 諾貝爾得主, Director, Lawrence Berkeley National Laboratory, USA (倪其焜博士)
3. F. Sherwood Rowland, Atmospheric Chemistry, Chemical Kinetics, 諾貝爾得

- 主, Professor, University of California, Irvine, USA (倪其焜博士)
4. Dudley R. Herschbach, Chemical Physics, 諾貝爾得主, Professor, Harvard University, USA (倪其焜博士)
  5. John B. Fenn, Analytical chemistry, 諾貝爾得主, Professor, Virginia Commonwealth University, USA (倪其焜博士)
  6. John C. Polanyi, 物理化學, 諾貝爾得主, Professor, Toronto University, Canada (倪其焜博士)
  7. Chul-Ho Jun, 催化反應、金屬有機、綠色化學, Professor, Yonsei University, Korea (鄭建鴻教授)
  8. Nakeheol Jeong, Organic Chemistry, Professor, Korea University, Korea (陳竹亭教授)
  9. Hiroyuki Isobe, Organic Chemistry Associate, Professor, The University of Tokyo, Japan (陳竹亭教授)
  10. Peter H. Seeberger, Organic Synthesis Carbohydrate Chemistry, Professor, Eidgenossische Technische Hochschule Zurich, Germany (洪上程教授)
  11. Koichi Eguchi, Functional Inorganic Materials, Solid Oxide Fuel Cell, Catalytic Combustion, Professor, Kyoto University, Japan (鄭淑芬教授)
  12. Akihiko Kudo, Photocatalysis, Luminescent Material, Electrocatalysis, Professor, Tokyo University of Science, Japan (鄭淑芬教授)
  13. Vladimir-E. Fedorov, Inorganic Chemistry, Professor, Siberian Branch of Russian Academy of Sciences, Russian (呂光烈教授)
  14. K.-Barry Sharpless, Organometallic chemistry, 諾貝爾獎得主, Professor, the Scripps Research Institute, USA (林俊宏博士)
  15. Rudolph A. Marcus, 理論化學, 諾貝爾獎得主, Professor, California Institute of Technology, USA (劉國平教授)
  16. Kazunari Domen, Physical Chemistry, Heterogeneous catalysis, Photocatalysis, Surface Chemistry, Professor, The University of Tokyo, Japan (牟中原教授)
  17. Antonio Frank Patti, Organic, Analytical, Professor, Monash University, Australia (凌永健教授)
  18. Terry Turney, Materials Science, Polymer Chemistry Inorganic, Professor, Monash University, Australia (凌永健教授)
  19. Alan Maxwell Bond, Analytical, Inorganic, Organic, Physical and Green Chemistry, Professor, Monash University, Australia (凌永健教授)
  20. Yoshinori Yamamoto, Organic Synthesis, 日本東北大學副校長 (劉瑞雄教授)
  21. Robert-R. Lucchese, Theoretical Chemistry, Professor, Texas A&M University, USA (李錫隆教授)
  22. Francois Diederich, Organic Chemistry, Professor, ETH Zurich, Germany (劉陵崗教授)
  23. Goverdhan Mehta, 有機化學, Professor, Indian Institute of Science, India (汪炳鈞教授)
  24. Tony Zhang (張彥濤), 有機金屬化學、合成化學, Research Fellow, Eli Lilly and Company, USA (羅芬臺教授)
  25. Pavel Kocovsky, Organic and Organometallic Stereochemistry, Professor, University of Glasgow, UK (陸天堯教授)
  26. Andreas Kirshning, Organic Chemistry, Natural Product Synthesis, Polymer-Bound Chemistry, Professor, University of Hannover, Germany (汪炳鈞教授)
  27. San Thang (湯華燊), Organic Chemistry, Polymer Chemistry, Physical Organic, Senior Principal Research Scientist, Commonwealth Scientific & Industrial Research Organisation (CSIRO), Australia (周大新教授)
  28. Geert Jan Boons, Synthetic Carbohydrate Chemistry Franklin, Professor, University of Georgia, USA (林俊宏博士)
  29. Tamio Hayashi, Asymmetric Catalysis 日本京都大學教授 (劉瑞雄教授)

#### 四、不定期寄送學術訊息

自九十五年十二月起不定期寄送學術訊息至各系公告張貼,俾適時提供資訊以供國內研究人員研究之用。