

20090417 美東南區中華學人協會“環保和再生”學術研討會

美東南區中華學人協會(CAPASUS)
2009 Taiwan – US Conference
on
Environmental Protection and Recycling
“環保和再生”學術研討會
July 10-12, 2009

Hilton Atlanta Northeast
5993 Peachtree Industrial Boulevard
Norcross, GA 30092
Tel: 678-533-3324

緣由:

美國東南區中華學人協會 (CAPASUS) 歷年來關心台美科技、醫療、人文、和藝術，每年例行性針對台美兩國共同關心議題，舉辦學術研討會，提供美國最近科技資訊給予台灣政府學者參考，並安排台灣學者、業者和政府主管與美方相關單位進行實質交流，對台灣科技、產業和外交盡一份心力。

人類科技和醫療的進步和革新，讓醫學界對於生理保健方面有更清楚的了解。半導體照明的研發和運用不但減少了環境的污染,同時也節約了能源。新興的奈米產業不僅將對人類有相當激烈長遠的影響，對環保也會有料想不到的衝擊。由於產業和貿易的國際化和全球化，食品的安全和環保也成了每個人切身的議題，在對於含有三聚氰胺的毒奶粉毒奶精和相關食品全面下架之際，讓我們也不禁擔心起每日飲食之安全。此外，肥料和農藥的大量使用對環保所造成的威脅，也是大家所共同關心的議題。

環保和再生以前是落後國家的問題，食品的安全和生理保健的維護在台灣和美國等先進國家，是不用國人去憂慮的。但是，由於產業和貿易的國際化和全球化，天涯若比鄰，任何國家的環保災難將無可避免地威脅到我們每個人的健康和生活品質，環保和再生也成了相當重要的議題。

在這科技醫療貿易千變萬化的 21 世紀，台灣和美國如何在奈米科技產業上研發創新，並且要預先防範奈米科技對環保可能造成的衝擊，做好食品安全的管制和了解到環保的重要，在追求產業和經濟成長的同時，也能注意到三聚氰胺、肥料、食品添加劑等化學原料，和工業廢料如鎘、鉛、汞等重金屬對環保的破壞危害，經由環保和再生學術研討會，來交流分享這方面的資訊和研究成果，進一步為維護及增進國人健康，提高生活品質。

美國東南區中華學人協會(CAPASUS) 爰乃擬於 2009 年 7 月 10-12 日在喬治亞州亞特蘭大市，舉辦“環保和再生”學術研討會。籌備會已邀請到 Keynote Speaker，於 2007 年與美國前副總統高爾共享《諾貝爾和平獎》殊榮之郝慰民博士來分享他在森林大火火災化學領域

及發生在南美、非洲和東南亞的熱帶地區，將對空氣和水的品質、大氣層和全球氣候及生態體系產生極為嚴重的影響研究報告。

科技組方面，我們有邀請到 Professor of Florida Department of Environmental Protection, Dr. Tien-Shuenn Wu (吳天順教授) will present “First Nexrad data application for a total maximum daily loads project”。Professor of Department of Chemical Engineering of University of Mississippi, Dr. Wei-Yin Chen (陳惟寅教授) 要來講演 “Climate Changes: Cause, Effects, and Solutions”。地質選礦專家 Dr. Shuang-Shii Hsieh (謝雙喜博士) 來分析化學肥料製造和環境保護。Professor of Department of Food Science & Technology, University of Georgia, Dr. Yao-wen Huang (黃耀文博士) 來講解 “Organic food: does it help protect our environment?”。Chief Engineer of Apex LED Lighting, Dr. Fred Chiou (邱耀輝博士) 來介紹節約能源和環保的新方法 – “How does LED lighting contribute to the Environmental Protection and Energy Saving?”。在藝術和文學組方面，我們有邀到許多位知名的文學和藝術領域的作家學者。繪畫大師詹歷堅教授來介紹 “The Art of Fu Chuan-Fu” 資深華文作家張嘉琪小姐來介紹『金婚』 – “A tribute to Drs. James & Susan Wu for their 50th wedding anniversary and life time story”。北美名作家周芬娜女士來講解『花之宴』。Professor of Interior Design Department of Art Institute of Atlanta。藝術大師 Professor of Savannah College of Art and Design – Atlanta Steven Jarvis 來講解 “Repurposing the trappings of the petroleum era”。Professor of History, University of St. Thomas, Dr. Lily Hwa (華莉莉博士) 來介紹 “State Building in the Government of Tang Taizong”。在醫學組方面，我們有邀到胃腸良醫王明仁醫師來介紹 “Kaleidoscope of gastroenterology”。前 UAB 血庫主任黃書聰醫師講解 “Metabolic Syndrome 代謝症候群的預防與治療”。Professor and Chairperson of the Department of Comprehensive Dentistry, University of Alabama at Birmingham (UAB) 劉朋儒系主任來介紹 “Dental health and care”。Dr. Albert Cook of Emory Johns Creek Hospital will present “Stroke Prevention”。Dr. Steven Wang (王少山醫師) of Emory Johns Creek Hospital will present “Risk Factors and Cardiovascular Disease”。

台灣方面，我們已邀請到海洋大學終身特聘教，前海洋大學校長 Dr. Sen-Shyong Jeng (鄭森雄博士)，來做我們大會的 Keynote speaker，專題演講：“Effect of River Contamination on Environment and Ecological System in Taiwan” 並且擔任台灣方面的協調人。從台灣邀請來的二位科技組講員是東海大學生命科學系林良恭教授 (Professor Liang-Kong Lin) will present “Mammal as a Potential Indicator for Environmental Monitoring” (以哺乳動物作為環境指標的探討)，和海洋大學劉秀美教授 (Professor Shiu-Mei Liu, Institute of Marine Biology, National Taiwan Ocean University) will present “Biodegradation of hazardous waste chemicals in the anoxic estuarine environment”。

目的：

本研討會，將分下列主題進行研討：

1. 環保和再生的過去，現況和未來展望
2. 環保在科技醫療和養生的應用和食品安全的探討。
3. 人文藝術和心靈環保。

針對上述主題，主辦單位將邀請台灣和美國雙方產、官、學、研各界專家學者共同參與討論，並進行交流，預計可達成如下之目的：(1)促進台美環保科技的學術研究交流，(2)了解化肥農藥和三聚氰胺對環保和食品安全的影響，(3)了解體內環保的重要和預防，(4)建立人文藝術在心靈環保的了解和應用。

主辦單位：美東南區中華學人協會 (CAPASUS)

籌備委員會：

總召集人：Dr. Peter Hor-Ching Wang 王和清博士, Staff Engineer, Quadrus Corp.

協調人：

美國：

- Dr. Mark Lin 林文義博士, Professor, Mechanical and Aerospace Engineering, University of Alabama in Huntsville
- Dr. Yao-wen Huang 黃耀文博士, Professor of Department of Food Science & Technology, University of Georgia
- Professor Chin-Cheng Hung 洪金城教授, Professor, Savannah College of Arts & Design
- Dr. Yiu-Fai Chen 陳幼輝博士, Professor of School of Medicine, University of Alabama at Birmingham.

台灣 – Dr. Sen-Shyong Jeng 鄭森雄博士, 海洋大學終身特聘教授, 前海洋大學校長

籌備委員：

王和清博士, Staff Engineer, Quadrus Corp.

洪金城教授, Professor, Savannah College of Arts & Design – ATL

洪延康博士, Professor, Department of Food Science & Technology, University of Georgia

鄭義為博士, Professor, College of Business, Troy University, Global Campus

李家賢, Web Design Engineer, Glois Digital Media

陳英偉醫師, Doctor, Chen Eye Center

吳珠菊博士, Professor, School of Education, Georgia Southwestern State University

黃麗勳博士, International Research, Georgia Gwinnett College

何智達醫師, Doctor, Georgia Health Evaluation Center

黃耀文博士, Professor, Department of Food Science & Technology, University of Georgia

尤思治, Engineer, Kimberly-Clark Corp

王祥瑞博士, Professor, School of EAS, GA Institute of Technology

楊志成博士, Engineer of Mitsuba International Inc.

洪枝成博士, Professor, Computer Science Department, Southern Polytechnic State University

朱子宇博士, Staff Scientist, Adtran Inc

林遵瀛醫師, Doctor, Dr. Lin's Office

周清光博士, Professor, Graduate Center for Nutritional Science, University of Kentucky
陳存傑博士, Former Professor of Mississippi State University
衛高榮, CEO of R. D. International Inc.
黃金澤博士, Professor, Department of Computer Science & Engineering, University of South Carolina
盧博榮博士, Science Leader, Oak Ridge National Laboratory
林文義博士, Professor, Mechanical and Aerospace Engineering, University of Alabama in Huntsville
陳幼輝醫師, Professor, School of Medicine, University of Alabama in Birmingham
許渝生博士, Professor, Department of Math & Statistics, GA State University
邱耀輝博士, Chief Engineer, Apex LED Lighting
徐孝華博士, Former Physics Professor of GA State University

贊助單位:

行政院國家科學委員會 (National Science Council, Taiwan)
駐美國台北經濟文化代表處科技組(Taipei Economic and Cultural Representative Office in the United States (TECRO, Science and Technology Division)
駐亞特蘭大台北經濟文化辦事處(Taipei Economic and Cultural Office in Atlanta)
行政院僑務委員會(Oversea Compatriot Affairs Commission)

Program:

July 10, 2009

15:00-17:00 Registration (Hilton Atlanta Northeast)

18:00-20:00 Reception (亞特蘭大華僑文教中心)

20:30-22:30 Healthy Living Roundtable (Chair: Dr. C. I. Lin 林遵瀛醫師, Chinese Cultural Center)

應會員要求, 林遵瀛醫師將於 Friday night at CCC and Saturday night at Hilton 提供針灸介紹和免費針灸服務

20:30-22:30 Dancing Party (Chair: Todd Yu 尤思治, Dr. Raymond Ho 何智達醫師 and Dr. Fred Chiou 邱耀輝博士, 亞特蘭大華僑文教中心)

July 11, 2009

07:00-08:30 Registration (continue)

07:00-08:30 Breakfast (Hilton Atlanta Northeast, Hunnicut AE)

08:30-09:15 Opening Ceremony (Chair: Dr. Willie Chen 陳英偉醫師)

08:30-08:35 Dr. Peter Hor-Ching Wang, President, CAPASUS (王和清博士, 會長致詞)

08:35-08:45 Mr. Larry Tseng, Director General, TECO in Atlanta (駐亞特蘭大台北經濟文化辦事處處長曾瑞利先生, 貴賓致詞)

08:45-08:55 Dr. Hsin-Hsiung Chang, Director, Science and Technology Division, TECRO (駐美國台北經濟文化代表處科技組組長張新雄博士, 貴賓致詞)

08:55-09:05 Dr. Chin-Sheng Chang, Director, Culture Division, TECRO (駐美國台北經濟文化代表處文化組組長張欽盛博士, 貴賓致詞)

09:05 -09:10 Break

09:10-11:10 Plenary Session (Chair: Dr. Mark Lin, 林文義教授) C.Vs. of Keynote Speakers are in the Appendix A)

09:10-10:10“Effect of River Contamination on Environment and Ecological System in Taiwan.” – Dr. Sen-Shyong Jeng (鄭森雄博士) – 終身特聘教授, 前海洋大學校長

10:10-11:10“The Role of Fires in Air Quality and Climate Change” 2007 Nobel Peace Prize Joint Awardee as an Author of IPCC Global Change Syntheses – Dr. Wei Min Hao (2007 年與美國前副總統高爾共享《諾貝爾和平獎》殊榮之郝慰民博士), senior scientist and team leader for fire chemistry research in the Fire, Fuel and Smoke Science Program at the Forest Service’s Rocky Mountain Research Station

11:10-17:00 Forum A: Science and Technology (Chair: Dr. Yao-wen Huang 黃耀文教授, Professor, Department of Food Science & Technology, University of Georgia. C.Vs. of speakers for Forum A are in the Appendix A)

11:10-12:00“Mammal as a Potential Indicator for Environmental Monitoring“ (以哺乳動物作為環境指標的探討) – 林良恭教授, 東海大學生命科學系

12:00-13:20 Lunch, (Hilton Atlanta Northeast, Hunnicut AE)

13:30-14:05“Climate Changes: Cause, Effects, and Solutions“ – Dr. Wei-Yin Chen (陳惟寅教授) of University of Mississippi, Department of Chemical Engineering

14:05-14:40“Environmental Control in Phosphate Fertilizer Production“ – Dr. Shuang-Shii Hsieh(謝雙喜博士), 地質選礦專家.

14:40-15:15“Biodegradation of hazardous waste chemicals in the anoxic estuarine environment“ – 劉秀美教授, 海洋大學海洋生物研究所

15:15-15:50“First Nexrad data application for a total maximum daily loads project“ – Dr. Tien-Shuenn Wu (吳天順教授) of Florida Department of Environmental Protection.

15:50-16:25“Organic food: does it help protect our environment?“ – Dr. Yao-wen Huang (黃耀文教授), Professor, Department of Food Science & Technology, University of Georgia

16:25-17:00“How does LED lighting contribute to the Environmental Protection and Energy Saving?“ – Dr. Fred Chiou 邱耀輝博士, Chief Engineer, Apex LED Lighting

11:10-17:30 Forum B: Literature and Fine Arts (Chair: Dr. Chin-Cheng Hung, 洪金城教授 Professor, Savannah College of Arts & Design – ATL. C.Vs. of speakers for the Forum B are in the Appendix B)

11:10-12:00 “The Art of Fu Chuan-Fu” – 詹歷堅教授, Retired Professor of University of West Georgia

12:00-13:20 Lunch, (Hilton Atlanta Northeast, Hunnicut AE)

13:30-14:30 “Repurposing the trappings of the petroleum era” – Professor Steven Jarvis, Savannah College of Art and Design – Atlanta

14:30-15:30 “『金婚』 – A tribute to Drs. James & Susan Wu for their 50th wedding anniversary and life time story” – Athena Chang 張嘉琪 作家

15:30-16:30 “『花之宴』” – 周芬娜 作家

16:30-17:30 “State Building in the Government of Tang Taizong” – Professor Lily Hwa (華莉莉教授), Associate Professor of History, University of St. Thomas.

18:30-20:30 Banquet (Oriental Pearl – 5399 New Peachtree Rd, Chamblee, GA 30341 (770)986-9866 next to Atlanta Chinese Cultural Center, Dr. Ray Wang)

21:00-23:00 Acupuncture talk and free acupuncture (Hilton Gwinnett room, Dr. C.I. Lin)

July 12, 2009

07:00-08:30 Breakfast (Hilton Atlanta Northeast, Hospitality Room)

08:30-08:45 Business meeting (Dr. Peter Hor-Ching Wang 王和清博士)

08:45-12:05 Medical and Environmental Protection (Chair: Dr. Yiu-Fai Chen 陳幼輝教授, Professor of Medicine, University of Alabama at Birmingham. C.Vs. of speakers for Medical Session are in the Appendix C)

08:45-09:25 “Kaleidoscope of gastroenterology” – Dr. Michael Wang (王明仁醫師), Doctor of Decatur General Hospital)

09:25-10:05 “Metabolic Syndrome 代謝症候群的預防與治療” – Dr. Shu Huang (黃書聰醫師), Former Blood Bank Director and Professor of School of Medicine, University of Alabama at Birmingham

10:05-10:45 “Dental health and care” – Dr. Perng-Ru Liu (劉朋儒醫師) Professor and Chairperson of the Department of Comprehensive Dentistry, University of Alabama at Birmingham (UAB).

10:45-11:25“Stroke prevention” – Dr. Albert Cook of Emory Johns Creek Hospital

11:25-12:05“Risk Factors and Cardiovascular Disease” – Dr. Steven Wang (王少山醫師) of Emory Johns Creek Hospital

12:05-12:10 Closing Ceremony (Chair: Dr. Peter Hor-Ching Wang 王和清博士)

Budget:

1. Conferencing facility and equipment rental \$1,500
2. Hotel rooms and flight tickets for invited speakers \$3,200
3. Breaks, meals, and banquet (Including pre-conference welcome dinner for invited speakers and conference organizers, breakfast, coffee breaks and banquet for the speakers and conference organizers) \$1,500
4. Meeting planning, registration materials, and proceeding printing, etc \$1,800

Total: \$8,000

預算

大會會場場地費及音響設備.....	\$1,500
講員旅館及機票.....	\$3,200
籌備會場地費, 餐飲費,講員及籌備委員餐宴	\$1,500
大會籌備文書材料費,Proceedings 印刷費,場地佈置等等.....	\$1,800
總額.....	\$8,000

附註: 東海大學食品科學系暨研究所鄭森雄教授,東海大學生命科學系林良恭教授和海洋大學海洋生物研究所劉秀美教授需要國科會分別專案補助機票及生活費. 謝謝 !!