2012 Annual Conference and Science, Engineering and Technology Seminars (SETS)

Theme: Technology, Medicine, Business Management and Education

Saturday, June 2, 2012
Sugar Land Marriott Hotel
16090 City Walk, Sugar Land, Texas

For more information:
http://www.acap-usa.org
The future we seek to create in the technology of engineering
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Greetings!!

Welcome to the 34th annual Science, Engineering and Technology Seminar (SETS, 科學工程技術研討會)! The Association of Chinese American Professionals (ACAP, 美南國建協進會) has hosted SETS every year since the organization’s inception in 1978. We are proud to continue our tradition today with another set of exciting programs that we are sure you will enjoy.

The SETS theme this year is “Technology, Medicine, Business Management and Education.” Our keynote speaker is 張恆裕處長, 主講台灣莫拉克颱風災後重建的挑戰與創新作為 (Challenge and Innovative Approach on Taiwan’s Morakot Post Disaster Reconstruction). Today’s seminars will address some of society’s most significant and engaging topics, including: Nano and Composite Technology, Environmental Safety, Petroleum Resources, Tax Reporting, Effective Learning, Neurodegenerative Disorders, Better Living, Computer Technology.

We believe this conference will offer you ample opportunity throughout the day to gain new insights, network with fellow participants and thoroughly enjoy yourself. We strive to make each year’s conference interesting and relevant to you, so at the end of the day, please share your feedback and ideas with us.

In addition to SETS, ACAP also organizes an annual diversity conference. The Diversity Summit (多元化高峰會議) offers a full day of speakers, seminars and networking for employers and professionals seeking to maximize their effectiveness in diverse environments. The Diversity Summit is an inclusive forum that attracts and connects participants of all backgrounds.

This year, we hosted the 12th Diversity Summit on May 11, 2012. The theme was “Exploring the Future of Diversity and Inclusion.” Keynote speakers were Dr. Richard Tapia (University Professor, Rice University), George Gaston (CEO, Memorial Hermann Southwest Hospital), Glenn Godkin (President, Greater Houston Region, Wells Fargo), Maria Rios (CEO, Nation Waste) and Dr. Stephen Klineberg (Professor of Sociology, Co-Director, Kinder Institute for Urban Research, Rice University). The Diversity Summit’s workshops focused on management, networking and professional advancement in the context of diversity. Over 450 business, government, community and academic professionals attended.

It has been a great honor serving as the president of ACAP, and on behalf of the organization, I would like to thank our volunteers, sponsors and partners for their dedication and support, without which SETS and the Diversity Summit would not be possible. We are sincerely grateful to all for their ongoing commitment to ACAP and its growing community events.

We are delighted you are here and hope you will find today’s conference informative and enriching. We have been looking forward to the day with great anticipation, so let’s get started. Enjoy!
June 2, 2012

Dear Friends:

It is with great pleasure that I take this opportunity to welcome the attendees of the Association of Chinese Professionals (ACAP) 2012 Annual Conference and Science, Engineering and Technology Seminar (SETS). I salute all the organizers and participants on their commitment to making this a memorable event.

As the Congressman representing the Ninth Congressional District of Texas, I congratulate the Association of Chinese American Professionals on their 34th Anniversary and commend their dedication to fostering professional development and leadership within its membership. The invaluable role it plays in promoting science, engineering and engineering is admirable.

I look forward to working with the Association of Chinese American Professionals on future endeavors and serving you well as a Member of Congress. Best wishes to all for an exciting and enjoyable event.

Sincerely,

Al Green
Member of Congress
June 2, 2012

The Association of Chinese American Professionals
美國華裔工程師聯合會
Annual Science, Engineering, and Technology Seminar (SETS)
二零一二年年會暨科學工程技術研討會

親愛朋友
Dear Friends,

On behalf of the residents of the Twenty-Second Congressional District of Texas, I would like to personally welcome the Association of Chinese American Professional to your 34th Annual Science, Engineering and Technology Seminar. It is a great honor to welcome you to Sugar Land, Texas and I hope you enjoy all our wonderful community has to offer.

The Chinese American Professional Community is vital to the economic success of the Houston area. Since 1978, ACAP has worked hard to bring together Chinese American Professionals to share experiences, information and ideas with an emphasis on Science, Engineering and Technology. As a member of the Energy and Commerce Committee in the U.S. House of Representatives, I understand the importance of our critical energy sector in the Houston area, and professionals like you drive the success of this sector.

Again, thank you for giving me the opportunity to recognize your worthwhile organization and its contribution to our community. It is an honor to represent you in the United States House of Representatives. 謝謝您。

非常恭敬地
Very Respectfully,

Pete Olson
Member of Congress
June 2, 2012

Greetings,

As Mayor of Houston, I congratulate the Association of Chinese American Professionals (ACAP) on its 34th anniversary and for hosting its annual Science, Engineering, and Technology Seminar (SETS). SETS provides a platform for bringing together many scientific, medical, business, and educational communities.

ACAP works with various peer organizations to offer sessions ranging from nano and composite technology, petroleum production, environment protection service, medical, teaching opportunity and advancement, business management and tax planning, business information management, cancer research and better living at the event.

I commend those who have worked diligently at ACAP and extend best wishes to all for a successful event. I am confident your business will continue to make a significant impact in our community for years to come.

Sincerely,

Annise D. Parker
Mayor
### Program-at-a-Glance
### Morning Sessions

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<th>Session</th>
<th>Venue</th>
<th>Co-Chairs/Chair</th>
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<tr>
<td>7:30am - 8:30am</td>
<td>Speakers and Chairs Breakfast</td>
<td>Sugar Land Ballroom VI</td>
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<tr>
<td>8:00am - 9:00am</td>
<td>Registration</td>
<td>Ballroom Foyer</td>
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<tr>
<td>8:30am - 12:00pm</td>
<td>Nano Technology Session</td>
<td>Sugar Land Ballroom VII</td>
<td>Dr. Su-Seng Pang and Dr. Howard Paul</td>
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<td>9:00am - 12:00pm</td>
<td>CPA- Financial Management Session</td>
<td>Magnolia I - III</td>
<td>Stella Kin, CPA and Andy Jan, CPA</td>
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<tr>
<td>9:00am - 12:00pm</td>
<td>Education Session</td>
<td>Cane I – II</td>
<td>Dr. Hsin-Hui Grace Lin and Dr. Kwang-Lee Chu</td>
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<tr>
<td>9:00am - 12:00pm</td>
<td>Environmental Science Technology Session</td>
<td>Sugar Land Ballroom VIII</td>
<td>Edward Chen</td>
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<tr>
<td>9:00am - 12:00pm</td>
<td>Petroleum Technology Session</td>
<td>Sugar Land Ballroom IX</td>
<td>Dr. Tai-Chang Shih and Dr. Chia-Hao Ko</td>
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<tr>
<td>9:00am - 12:00pm</td>
<td>Student Research Poster Contest</td>
<td>Ballroom Foyer</td>
<td>Tammy Tsao</td>
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# Program-at-a-Glance

## Afternoon Sessions

<table>
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<th>Time</th>
<th>Session</th>
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| 12:00pm| Luncheon and Keynote • Welcome Remark: Daniel T.C. Liao, D.B.A., Director General, Taipei Economic and Cultural Office in Houston 駐休士頓台北經濟文化辦事處, 處長廖東周大使  
• Proclamations Presentation: Alice Chen (譚秋晴) for US Congressman Al Green  
Kathlie Jeng-Bulloch (鄭淑吟) for City of Houston Mayor Annise Parker  
Keynote Speaker: Mr. Herng-Yuh Chang Director, Department of General Planning, Morakot Post-Disaster Reconstruction Council, Executive Yuan, ROC  
中華民國行政院莫拉克颱風災後重建推動委員會綜合規劃處張恆裕處長  
Topic: Challenge and Innovative Approach on Taiwan’s Morakot Post Disaster Reconstruction 莫拉克颱風災後重建的挑戰與創新作為  
• Award Presentation: Hsing-wei Chu (朱辛為)  
Distinguished Achievement Award: Lynn Chou (周玲瑩)  
Outstanding Service Award: Karl K. Chen (陳康元)  
• Leadership/Community Service Scholarship Presentation: Judy Wen (文芊)  
Scholarship Recipients: Regan Wang  
Shannon Chen (陳佳翔)  
• Student Research Poster Contest Winners Award Presentation: Tammy Tsao (曹心佳) |
| 2:15pm | Business Laws Session • Chair: Annie Jow.  
世界華人工商婦女企業家管協會美南分會協辦 |
| 2:30pm | Computer Technology Session • Chair: Clara Liang  
華人電腦協會協辦 |
| 5:30pm | Health Session • Chair: Karl K. Chen, M.D., Ph.D. and Grace Chen, Ph.D., R.N.  
主持人：陳康元醫師, 陳王琳博士 |

## Notes

- **Business Laws Session**
  - **Chair:** Annie Jow.  
  - 世界華人工商婦女企業家管協會美南分會協辦

- **Computer Technology Session**
  - **Chair:** Clara Liang  
  - 華人電腦協會協辦

- **Health Session**
  - **Chair:** Karl K. Chen, M.D., Ph.D. and Grace Chen, Ph.D., R.N.  
  - 主持人：陳康元醫師, 陳王琳博士
2012 Science, Engineering and Technology Seminars (SETS)

Sugar Land Marriott Hotel
Saturday, June 2, 2012

Conference Center Floor Plan
# Session Information

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<tr>
<th>Time</th>
<th>Session</th>
<th>Room: Sugar Land Ballroom VII</th>
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</table>
| 8:30am-12:00pm | **【Nano Technology Session】【奈米科技講座】**  
Co-Chairs: Su-Seng Pang, Ph.D., P.E. (彭樹成), Louisiana State University  
Howard Paul, Ph.D., P.E. (浦浩德), ACAP Former President  
**Theme**: Nano and Composite Technology  
**Speaker**: Karl K. Chen (陳康元醫師), M.D., Ph.D., Radiation Oncology Assocs S Texas  
**Topic**: Recent NANO Technology in Cancer Treatment  
奈米技術最近在癌症治療應用  
**Speaker**: Dr. Guoqiang Li (李國強博士), Joint Professor,  
Southern University/Louisiana State University  
**Topic**: Testing and Modeling of Shape Memory Polymer Programmed by cold Compression  
測試和形狀記憶聚合物建模冷編程壓縮  
**Speaker**: Jiandong Liang (梁建栋博士生), Ph.D. Student, Louisiana State University  
**Topic**: Surface Modifications and Corrosion Resistance through Electro-Plasma-Processes (EPP), (Co-authors: Jiandong Liang, M. A. Wahab, and Shengmin Guo) 表面改性及耐腐蝕在通過電離子過程  
**Speaker**: Dr. Gefu Ji (姬戈夫博士), Research Associate, Louisiana State University  
**Topic**: Impact Resistance Sandwich Composite Material with Microtube Reinforced Core 耐衝擊性與微管複合材料夾心增強核心  
**Speaker**: Dr. Harper Meng (孟庆浩博士), Research Associate, Southern University  
**Topic**: Stimuli-Responsive Shape Memory Polymers – Mechanisms and Applications 刺激敏感形狀記憶聚合物 – 機理及應用  
**Speaker**: Li Wang (王力博士生), Ph.D. student, Louisiana State University  
**Topic**: Development and Properties of Nanostructured Thermal Barrier Coatings (Co-authors: Li Wang and Shengmin Guo) 奈米熱障塗層的發展及性能  
**Speaker**: Dr. Su-Seng Pang (彭樹成), Professor, Louisiana State University  
**Topic**: Effects of Curing Temperature and Shape Geometry on the Efficiency of Self Healing Polymers 固化溫度和幾何形狀的影響在自我癒合的聚合物  
(Co-authors: Su-Seng Pang, Quentin Yougoubare, and Ifeanyi Okoro) |

*Earn up to 3.5 hours of Professional Development Hours (PDH) by attending this session. Certificate will be issued after conference.*
Time | Session | Room: Magnolia I - III
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9:00am-12:00pm | **【CPA - Financial Management Session】**  
**【專業會計師 - 財務管理講座】**  
休市華美會計師協會協辦  
Co-Chairs: Stella Kin, CPA (張欣萸會計師)  
Andy Jan, CPA (詹煥彩會計師)  
Theme: Tax Reporting; Website Legal Issues & Contract Knowledge  
主題: 稅務申報；網站相關的法律問題及合約常識  
Speaker: Robert G. Driscoll, CPA, IRS Technical Specialist  
Topic: Tax Reporting of Foreign Assets and Income  
講座題目: 國外資產及收入的稅務申報規定  
- Proposed regulations under Foreign Account Tax Compliances Act (FATCA)  
- Form 8938, Statement of Specified Foreign Financial Assets  
- Information Reporting - Form 5471 and Form 5472  
- Penalties  
Speaker: Wanchan Ohyan (歐陽婉貞律師), Attorney at Law  
Dr. Michael Tang (湯東洲)  
Topic: Website Legal Issues & Contract Knowledge  
講座題目: 網站相關的法律問題及合約常識  
- How to avoid possible litigation and disputes when using websites to promote your professional businesses?  
- How to promote team works and yet avoid pitfalls when collaborating with other professionals?  
依照美國會計師協會之規定，專業會計師執照持有人每年需進修若干小時。本課程與下午電腦講座班合乎美國會計師協會之規定，可算八小時進修學時。
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<td>9:00am-12:00pm</td>
<td><strong>【Education Session】【教育講座】</strong></td>
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<td><strong>Co-Chairs:</strong> Grace Hsin-Hui Lin Ph. D. (林欣慧博士), ACAP Board of Director Kwang-Lee Chu Ph.D. (朱光立博士)</td>
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|              | **Theme:** Effective Assessment for Effective Learning  
**主題:** 有效的學習與評量 |                  |
|              | **Speaker:** Dr. Lynn Freeman, Assistant Professor, University of Houston at Victoria  
Dr. Grace Hsin-Hui Lin (林欣慧), Associate Professor, University of Houston at Victoria  
Dr. Irene Linlin Chen (陳琳琳), Professor, University of Houston-Downtown  
Dr. Mandy Mei-Chih Wang (王美智), Assistant Professor, University of Louisiana at Lafayette |                  |
|              | **Topic:** Classroom assessment techniques  
評量的技巧 |                  |
|              | **Speaker:** Dr. Chu, Kwang-Lee (朱光立), Research Scientist, Psychometric and Research Services, Pearson, Inc |                  |
|              | **Topic:** No Child Left Behind (NCLB) assessment –Teacher involvement  
有教無類的評量–教師參與 |                  |

Earn Credit of Continuous Education by attending Education Session. Certificate will be issued after conference.
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<td><strong>【Environmental Science Technology Session】【環保科技講座】</strong></td>
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<td><strong>Chair:</strong> Edward Chen (陳天生), ACAP Former President</td>
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<td><strong>Theme:</strong> Environmental Safety in Daily Life</td>
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<td><strong>Speaker:</strong> Ron Sandberg, Assistant Director, Environmental Health Division, the Department of Health and Human Services, City of Houston</td>
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<td><strong>Topic:</strong> An overview of the responsibilities and services of the Environmental Health Division</td>
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<td><strong>Speaker:</strong> Don Hsu, Sanitarian III, The Consumer Health Services Bureau, City of Houston</td>
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<td></td>
<td><strong>Topic:</strong> Permitting, inspection and enforcement programs concerning food safety, swimming pools and special wastes (preventing grease from contaminating sewer systems).</td>
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<td><strong>Speaker:</strong> Nguyen Ly, Environmental Investigator III, The Bureau of Pollution Control and Prevention, City of Houston</td>
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<td><strong>Topic:</strong> Air/surface water quality and landfill sampling, reporting and enforcement; reviewing permitting and legislative/regulatory proposals; and community outreach, including response to complaints.</td>
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<td><strong>Speaker:</strong> Dr. Brenda Reyes, Bureau Chief, Community and Children’s Environmental Health Bureau, City of Houston</td>
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<td><strong>Topic:</strong> Lead hazard investigation, remediation and education programs; indoor air quality complaint response, including enforcement of non-smoking ordinance; and ambulance permitting, inspection and enforcement.</td>
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<td><strong>Speaker:</strong> Marilyn Leday, Division Manager, Household Hazardous Waste Environmental Services Center, Solid Waste Management Department, City of Houston</td>
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<td><strong>Topic:</strong> An Overview of the Household Hazardous Waste in Houston.</td>
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<td>9:00am-12:00pm</td>
<td><strong>【Petroleum Technology Session】【石油技術講座】</strong></td>
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<td><strong>Chinese American Petroleum Association</strong> 美國華人石油協會協辦</td>
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<td><strong>Co-chairs:</strong> Chia-Hao Ko (葛家豪), ExxonMobil, ACAP Board of Director</td>
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<td>Tai-chang Shih (史大昌), Lead Exploration Consultant, Neumin Production</td>
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<td></td>
<td><strong>Theme:</strong> Current and Future Challenges for Conventional and Unconventional Resources</td>
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<td><strong>Speaker:</strong> Eddy Lee (李怡德), Staff Geophysicist, Shell Oil Company</td>
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<td>Topic: Basic Concepts for Finding Oil and Gas</td>
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<td><strong>Speaker:</strong> Po C. Tai (戴柏青), Exploration Geologist, ExxonMobil Exploration Company</td>
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<td></td>
<td>Topic: A Brief Introduction to Unconventional Oil and Gas Resources</td>
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<td><strong>Speaker:</strong> Alfred Liang-Chi Liaw (廖良基), Distinguished Geophysical Advisor / Team Lead, Anadarko Petroleum Corporation</td>
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<td></td>
<td>Topic: Natural Gas: An Alternative Energy Source</td>
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<td><strong>Speaker:</strong> Ed Liu (劉穀琛), Process Engineering Consultant, Chevron</td>
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<td>Topic: Process Equipment Design Considerations for Large Offshore FPSO Operations</td>
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<td><strong>Speaker:</strong> S.K. Steve Chang (張世恭), Former VP of Technologies (Beijing), Retired From Schlumberger</td>
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<td>Topic: Long Term Energy Strategy</td>
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<td>Time</td>
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<td>9:00am-12:00pm</td>
<td><strong>[Student Research Poster Contest]</strong>【學生研究壁報比賽】</td>
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<td>FOXCONN Scholarship Program 駐休士頓臺北經濟文化辦事處文化組協辦</td>
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<td>Chair: Tammy Tsao (曹心佳), Actuarial Analyst, New Era Life Insurance Company ACAP Board of Director</td>
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<td>Ping-Chieh Chou, University of Texas Graduate School of Biomedical Sciences, Houston, TX</td>
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<td>2. <em>The Improvement of Cyclability of Lithium-Sulfur Batteries by Employing a 3D S-Ni Foam Cathode.</em></td>
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<td>Sheng-Heng Chung, University of Texas at Austin, Austin, TX</td>
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<td>Yayu Monica Hew, University of Texas at Arlington, Arlington, TX</td>
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<td>Wei-Hsiang Huang, Baylor College of Medicine, Houston, TX</td>
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<td>5. <em>Tap Water Turn-On Fluorescence Sensing of F- at Parts-Per-Million Concentration.</em></td>
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<td>Iou-Sheng Ke, Texas A&amp;M University, College Station, TX</td>
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<td>6. <em>All-conjugated Block Copolymers/Supramolecular Block Copolymers for Organic Photovaltaics.</em></td>
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<td>Yen-Hao Lin, Rice University, Houston, TX</td>
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<td>7. <em>Projection of the Future Manpower of Certified Industrial Hygienist (CIH) with the Use of Survival Analysis Techniques.</em></td>
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<td>Yan Ling, University Of Texas, Health Science Center at Houston, Houston, TX</td>
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<td>Ming-Chih Shih, University of Houston, Houston, TX</td>
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<td>Yu-Sheng Su, University of Texas at Austin, Austin, TX</td>
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<td>Ching-Hsing Wang, University of Houston, Houston, TX</td>
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<tr>
<td>Time</td>
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<td>Room: Sugar Land Ballroom VI</td>
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<td>12:00pm – 2:15pm</td>
<td>【Luncheon and Keynote】【午餐及專家演講】</td>
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<tr>
<td>Master of Ceremony: Billy Liu, ACAP President-Elect 劉耀華準會長</td>
<td>- Introduction: Betty Tung, ACAP President 閻寶印會長</td>
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<td>- Welcome Remarks: Daniel T.C. Liao, D.B.A., Director General, Taipei Economic and Cultural Office in Houston 駐休士頓台北經濟文化辦事處,處長廖東周大使</td>
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<td>- Proclamations Presentation: Alice Chen 譚秋晴 for US Congressman Al Green Kathlie Jeng-Bulloch 鄭淑吟 for City of Houston Mayor Annise Parker</td>
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<td>- Lunch</td>
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<td>- Keynote Address: Mr. Herng-Yuh Chang Director, Department of General Planning, Morakot Post-Disaster Reconstruction Council, Executive Yuan, ROC 中華民國行政院莫拉克颱風災後重建推動委員會綜合規劃處,處長張恒裕</td>
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<td>- Topic: Challenge and Innovative Approach on Taiwan’s Morakot Post Disaster Reconstruction 莫拉克颱風災後重建的挑戰與創新作為</td>
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<td>- Award Presentation: Hsing-wei Chu (朱辛為)</td>
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<td>- ACAP 2012 Distinguished Achievement Award: Lynn Chou (周玲羚), General Manager of Process, Applications, and Data (PAD), Chevron Corporation</td>
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<td>- ACAP 2012 Outstanding Service Award: Karl K. Chen, M.D., Ph.D. (陳康元), Medical Director of Radiation Oncology at the Kathryn O’Connor Regional Cancer Center</td>
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<td>- Leadership/Community Service Scholarship Presentation: Judy Wen (文梬)</td>
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<td>- Formosa Plastics Corporation Scholarship - Regan Wang, Bellaire High School</td>
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<td>- Lovett Homes Scholarship - Shannon Chen (陳佳翔), Westside High School</td>
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<td>- Student Research Poster Contest Winners Award Presentation: Tammy Tsao (曾心佳)</td>
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Time | Session | Room: Sugar Land Ballroom VII
---|---|---
2:30 pm-5:30 pm | 【Business Laws Session】【商業法律講座】 |  
GFCBW 世界華人工商婦女企管協會美南分會協辦  
Chair：Annie Jow (廖秀美)  
主題：創業，經營，及企業投資的法律解說  
Speaker: Andy Ching-Yang Lai, J. D. (賴清陽主任律師)  
Genie Tu, Attorney (杜冠潔律師), LAI CORSINI & LAPUS, LLC  
Topic: 創業及經營應注意的法律問題  
- 公司型態選擇的注意事項  
  - Sole Proprietorship  
  - Corporation  
  - Limited Liability Company  
  - Series Limited Liability Company  
  - Partnership  
- 經營公司不可不知的智慧財產法律  
  - Patent  
  - Trademark  
- 案例分享  
  - 吉利汽車: Volvo (2010)  

Topic: 企業併購及投資的教戰守則  
- 外企併購美企的動機與考量  
- 外企併購美企之流程簡介  
- 外企收購美企/德州美企之著名案例  
  - 中石化  
  - 天津大無縫  
  - 瀋陽能源集團(與美國再生能源集團合作)  
  - 江蘇民營企業(Wilson 集團) - 深圳溫斯頓電池公司  
- RGB 收購實戰經驗分享 (附文章)  
- 外企需注意的美國併購相關法律規定  
  - 反壟斷審查 (Antitrust Review)  
  - 國家安全審查 (National Security Review)  
  - 州法規定 (State Law Review)  
  - 併購上市公司 (Public Companies)  
  - 課稅考量 (Tax Consideration)
2:30 pm-5:30 pm  

【Computer Technology Session】【電腦科技講座】

華人電腦協會協辦

Chair: Clara Liang (林公實)

Theme: Social Media Marketing with Facebook and Twitter
主題：網路媒體營銷 – Facebook & Twitter

Speaker: Jessie Wang (汪乃強), Director, Business Technology, Chroma Oil & Gas

Your market is on Facebook and Twitter already, you need to get there, too. This course is designed to walk you through the different channels available for Internet marketing, and utilizing social networking as an effective marketing tool to promote your business.

Facebook 和 Twitter 有成千上萬的使用者，此乃絕佳市場。本課程旨在講述運用不同的網絡營銷渠道，以及社交網絡作為一種有效的營銷工具，來促進您業務成長。

Topic: 1. Internet marketing evolution, 網絡營銷的演變
   - World Wide Web
   - BLOG
   - Social Network

2. Social media marketing tools, 社交網絡營銷工具
   - Twitter (Intro)
   - Following and follower
   - Re-Twit
   - Facebook (Intro)
   - Facebook business page
   - Self-hosted web site
   - CMS sample web sites (WordPress and Joomla)
   - Prepare your web site for social media marketing

3. Social Media Marketing, putting it altogether, 總合社交網絡營銷
   - Twitter
   - Facebook
   - Your Web site

4. Q&A
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<tr>
<th>Time</th>
<th>Session</th>
<th>Room: Magnolia I - III</th>
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<tr>
<td>2:30 pm-5:30 pm</td>
<td><strong>【Health Session】【健康講座】</strong></td>
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**Co-Chairs:** Karl K. Chen, M.D., Ph.D.(陳康元醫師), ACAP Board of Director  
Grace L Chen, Ph.D., R.N.(陳王琳博士)

**Theme:** Recent Development in Neurodegenerative Disorders  
**主題:** 腦神經功能衰退及病變之醫療新知

**Speaker:** Jyhong Gabriel Hou, M.D., Ph.D. (侯志恭醫師), Assistant Professor,  
Parkinson’s Disease Research, Education, and Clinical Center, MED VA Medical Center, Baylor College of Medicine, Houston

**Topic:** Introduction to Parkinson’s Disease, Essential Tremor and the Current Treatment  
簡介帕金森氏症，基本性震顫，與其最新的治療法  
This presentation will provide an overview of tremor disorders including Parkinson's disease and essential tremor. Their contemporary treatment options, including medicines, surgeries, as well as experimental therapies will be discussed.

**Speaker:** Eugene C. Lai, M.D., Ph.D. (黎志豪醫師), Hervey Distinguished Endowed Chair in Parkinson’s Disease, Professor of Neurology Director, Neurodegenerative Disease Clinic, The Methodist Neurological Institute

**Topic:** Alterations of Cognitive Function & Alzheimer’s Disease  
介紹認識智功能衰退，以及阿爾茨海默症  
Changes in cognitive function due to aging and disease will be introduced with a focus on Alzheimer’s disease: the most common cognitive impairment disorder. The clinical features and medical management of Alzheimer’s disease as well as hints for caregivers to take care of their loved ones will be discussed.

**Speaker:** Karl K. CHEN, M.D., Ph.D. (陳康元醫師), Medical Director, Radiation Oncology, Kathryn O’Connor Regional Cancer Center, Citizens Medical Center, Victoria

**Topic:** How to Boost Your Brain Power  
如何促進大腦的功能與活力  
A variety of strategies to boost your brain power and minimize cognitive decline will be discussed, including brain fitness training, exercise, diet, and lifestyle changes.
Honorable Guest

Daniel T.C. Liao, D.B.A.
Director General, Taipei Economic and Cultural Office in Houston
駐休士頓台北經濟文化辦事處 處長

Dr. Daniel Liao is the Director General of the Taipei Economic and Cultural Office in Houston. Prior to his appointment of current role in January, 2012, he served as the Director General of the Taipei Economic and Cultural Office in Seattle. He received his B.A. degree in Foreign Language and Literature from the National Cheng Kong University, Taiwan and D.B.A. degree from the Pacific State University. He joined the Ministry of Foreign Affairs (MOFA), Republic of China (Taiwan) in 1981. Over the course of his career with MOFA, Dr. Liao has held various positions and was assigned increasingly important responsibilities, including Desk Officer of the Department of North American Affairs, Section Chief of the Department of African Affairs and Deputy Director General of the Department of International Organizations.

Among his many overseas assignments, Dr. Liao has served as the Third and Second Secretary of the Taipei Economic and Cultural Office in Los Angeles, the Counsellor Secretary of the Embassy of the Republic of China (Taiwan) to Belize and the Counsellor and Chargé D’Affairs of the Embassy of the Republic of China (Taiwan) to the Commonwealth of Dominica. In 2006, he was appointed and served as the Ambassador of Embassy of the Republic of China (Taiwan) to Tuvalu for two years. He also served as the First Commercial Secretary of Ministry of Economic Affairs, Republic of China (Taiwan) from 1992 to 1996.

Dr. Liao is a Buddhist. During his spare time, he loves reading, golf, hiking and swimming. Dr. Liao is married to his wonderful wife Judy Lee.
Keynote Speaker

Mr. Herng-Yuh Chang
Director, Department of General Planning
Morakot Post-Disaster Reconstruction Council,
Executive Yuan, ROC Taiwan, ROC
行政院莫拉克颱風災後重建推動委員會綜合規劃處 張恒裕處長

Work Experience:
1. Director, Department of General Planning, Morakot Post-Disaster Reconstruction Council,
   Executive Yuan, ROC Taiwan, 2009–
   處長，行政院莫拉克颱風災後重建推動委員會綜合規劃處，2009-迄今

2. Senior Specialist & Division Head, Division of Education and Vocational Training,
   Department of Manpower Planning, Council for Economic Planning and
   Development, Executive Yuan. 2004-2009
   行政院經濟建設委員會人力規劃處 專門委員兼培訓組組長，2006-2009
   行政院經濟建設委員會人力規劃處 專門委員，2004-2006

3. Section Chief, Division of Employment Services, Bureau of Employment and
   Vocational Training, Council of Labor Affair, Executive Yuan. 2002-2004
   行政院勞工委員會職訓練局就業輔導組 科長，2002-2004

Education:
Master of Arts, Graduate Institute of National Development, National Taiwan
University, Taiwan.
國立台灣大學國家發展研究所 碩士
Bachelor, Department of Economics, National Taipei University, Taiwan
國立臺北大學經濟學系 學士
Keynote Address

Challenge and Innovative Approach on Taiwan’s Morakot Post Disaster Reconstruction
莫拉克颱風災後重建的挑戰與創新作為

Herng-Yuh Chang 張恆裕處長
Director, Department of General Planning
Moarkot Post Disaster Reconstruction Council

On August 8th, 2009, Typhoon Morakot seriously impacted Taiwan. The typhoon was a major disaster that brought 2,854 mm of rain to mountainous regions in central and southern Taiwan. It damaged seriously 1,766 houses, took 699 precious lives and totaled approximately NT$200 billion in damages, roughly 1.6% of the GDP that year. Moreover, 160 inhabitant areas found unsafe and that is the population of 19,191 who needs to be taken care of.

The government immediately processed each disaster rescue mission, emergency repair and supply in accordance to the mechanism outlined in the Disaster Prevention and Protection Act. The reconstruction council was formed 7 days after the disaster and NT$22 billion from the annual budget allotted to deal with the pressing matter of disaster rescue and reconstruction. 12 days after the disaster, a draft of the Reconstruction Special Act was delivered to the Legislative Yuan for review. 20 days after the disaster, the Legislative Yuan passed the Special Act after the third reading. A special budget of NT$116.5 billion was passed within 3 months so that disaster reconstruction efforts could continue on a solid legal and financial basis.

The government cooperates with NOGs for building one stop permanent housing avoided the problems associated with prefab housing. While the government provided the necessary infrastructure, having the NGOs build the permanent housing themselves introduced own creative touches as well. Through their interactions with the survivors, NGOs can also take care of areas that the government can’t. Six months after the disaster, they completed 601 units of permanent housing and two years after the disaster a total of 3,213 permanent housing have been built in 36 locations. That is 95% to all the scheduled housing number and more than 10,000 survivors have been resettled. This public-private partnership model for the construction of permanent housing was the first in our nation’s history of reconstruction and is also an important achievement that merits an exchange of experience with the international community.

The focus of following reconstruction work will be on stimulating lingering industry, employment, culture, living, etc. The government will combine the strength of various sectors to assist in the lives of reconstruction area residents to achieve the goal of living and working in peace.

Having experienced Typhoon Morakot has allowed us to deeply understand the importance of “Disaster prevention is more important than disaster relief. Avoidance of disaster is better than prevention disaster.” Before immediately facing a huge disaster, the public must be evacuated from the disaster area ahead of time. When most residents have been settled in a safe zone, disaster rescue becomes relatively easy. No matter how devastating the material loss, it can be recouped in the future, but valuable lives cannot.
Distinguished Achievement Award

Lynn Chou 周玲瑩

General Manager of Process, Applications, and Data (PAD)
Chevron Corporation

Lynn Chou is the General Manager of Process, Applications, and Data (PAD), within Chevron’s Information Technology Company. PAD is Chevron’s largest IT delivery organization responsible for supporting key corporate business processes, systems and information management. Prior to this assignment, Lynn spent approximately four years as the Chief Information Officer of Chevron’s Downstream and Chemicals. Her responsibilities included setting and executing all IT Strategies for Downstream and Chemicals. Lynn is also a member of Chevron’s CIO Leadership Team which is responsible of driving the development and execution of Chevron’s information technology strategy, architecture, and operations. Lynn has also held the position of General Manager of Global Technology & Strategy within Chevron ITC for two years and Chief Information Officer of Chevron’s North America Exploration & Production Company.

In addition, she has been an integral member of Chevron’s North America Exploration and Production Company’s Compete Project to improve competitiveness positions, involved in transitioning Natural Gas Marketing and Trading business back to Chevron from Dynegy, co-led the integration of Upstream Information Technology for the Chevron-Texaco merger, and has served as a member of the Chevron enterprise CIO Leadership team and a member of the North America Upstream Leadership Team. Prior joining Chevron, Lynn was the Worldwide Upstream CIO at Texaco, serving as a member of the Worldwide Upstream Leadership Team.

Lynn started her career as a geophysicist at Texaco’s Bellaire Geophysical Center in 1982. Lynn’s background includes various geophysical assignments and extensive management experience in leading large scale company-wide IT projects and initiatives. Lynn is actively involved in numerous Chevron Employee Networks, including the Asian Employees Network and the Native American Employees Network. Externally, Lynn is a board member of Petroleum Industry Data Exchange Inc, (PIDX). She also serves as the Vice Chair of American Petroleum Institute’s Information Management and Technology Executive Steering Group.

Lynn is a graduate of University of Houston, where she earned a master degree in Geophysics. Her bachelor’s degree is in Geology from National Taiwan University.
Outstanding Service Award

Karl K. Chen, M.D., Ph.D. 陈康元医师博士

ACAP Board of Director
Medical Director, Kathryn O’Connor Regional Cancer Center
Citizen Medical Center, Victoria, Texas

Dr. Karl K. Chen, a board certified radiation oncologist, is well known to the Houston community for his leadership and services in promoting healthy living styles throughout life span. He joined ACAP in 1990s because he was an aerospace scientist, devoted a decade of his life pursuing science and technology prior to his Medical Doctor degree in 1981. With his unique background, Dr. Chen initiated the Medical and Health Session in 2001 in the Annual Conference at SETS and has since served on the panel for 11 years.

On November 11, 2006, six months after his wife, Dr. Grace Chen, completed chemotherapy for a stage IIIC ovarian cancer, Dr. Karl Chen co-chaired a Longevity 101 Seminar to promote cancer awareness, a special event hosted by ACAP at the TECO main auditorium. The event was well attended by hundreds of people from all walks of life in Houston. Dr. Chen also served on the panel for the Nano Technology Session in SETS 2010 Annual Conference, addressing the application of Nano Technology in Cancer Treatment. In addition to being speakers for various topics, he served on the ACAP Board of Directors for four years, from 2005 to 2008, and has been re-elected to serve again on the board since 2011.

Dr. Karl K. Chen received his B.S. degree in Mechanical Engineering from the National Taiwan University in 1962, M.S. degree in Aeronautics and Astronautics from the Polytechnic Institute of Brooklyn in New York in 1965, and Ph.D. degree in Applied Mechanics and Engineering Sciences from the University of California at San Diego in 1968. Dr. Chen had worked in a corporate environment and became a Division Chief of Ballistic Physics at AVCO in Massachusetts prior to making a career change to become a physician. He received M.D. degree from the University of Miami School of Medicine in 1981 and completed Radiation Oncology training at M.D. Anderson Cancer Center in Houston in 1985.

Dr. Chen is currently the Medical Director of Radiation Oncology at the Kathryn O’Connor Regional Cancer Center at the Citizens Medical Center in Victoria, Texas. He is Board Certified in Radiation Oncology by the American Board of Radiology. He served on the Board of Directors of Chinese American Doctors Association of Houston (CADAH) for four years from 2005 to 2008.
Leadership/Community Service Scholarship Recipient

Regan Wang

Regan, currently a senior at Bellaire High School, will be attending the University of Texas at Austin next year for the Business Honors Program, finance, and economics. He was born and raised in Houston, TX, and the city’s rich diversity coupled with his experiences throughout his education have nurtured in him a deep appreciation for the unique aspects which characterize the various cultures of the world. In appreciating the diversity arising from multiple cultures, he has come to grow particularly close to his own. Both of his parents were born and raised in Taiwan, so his Taiwanese American identity has always been an important part of him. He has thus striven to contribute to the diversity of the communities of which he is a member by actively promoting awareness of his own and hope to continue doing so as he pursues a collegiate education and his career. He intends to pursue a career in business. More specifically, he hopes to use his language skills to facilitate business interactions on an international level. It is his sincere desire to work alongside people all over the world so that they may influence positive change all around the world.

Shannon Chen 陳佳翔

Shannon Chen, born in Maio Li, Taiwan, moved to the U.S. with her mom and sister at the age of nine. The third grader spoke no English at the time she entered Bush Elementary but caught on quickly. Now, a senior at Westside High School and an active member of many organizations, including Tze Chi and Formosan Presbyterian Church, spends much of her time serving the community both within and outside of her school. In June of 2012, she will continue on to the University of Texas at Austin to be pre-med and then onward to medical school. Her goal is to be a pediatrician and eventually owning her own clinic.
2012 Science, Engineering and Technology Seminars (SETS)

ACKNOWLEDGEMENT

美南國建協進會

感謝下列社團共同策劃

華人電腦協會
美國華人石油協會
世界華人工商婦女企管協會美南分會
休市華美會計師協會

感謝下列單位的贊助與協助

中華民國國家科學委員會
中華民國僑務委員會
中華民國新竹科學工業園區
中華民國工業技術研究院
駐休士頓台北經濟文化辦事處
駐休士頓台北經濟文化辦事處科技組
駐休士頓台北經濟文化辦事處商務組
駐休士頓台北經濟文化辦事處文化組
休士頓華僑文教服務中心
中國石油公司 OPICOIL HOUSTON, INC
中華顧問工程司 China Engineering Consultants, Inc.
Computer Station Corporation
Formosa Plastics Corporation, Texas
鴻海科技集團 FOXCONN
Lovett Homes

會長  閻寶印  會議主席  劉耀華
<table>
<thead>
<tr>
<th>Position</th>
<th>President</th>
<th>President-Elect</th>
<th>Vice President</th>
<th>Board Secretary</th>
<th>Treasurer</th>
<th>Diversity Summit Executive Director</th>
<th>Activity Committee</th>
<th>Award Committee</th>
<th>Media Coordinator</th>
<th>Membership Committee</th>
<th>Nomination Committee</th>
<th>Scholarship Committee</th>
<th>Web Site Committee</th>
<th>Web Page Master</th>
<th>Young Professionals Committee</th>
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<tr>
<th>ACAP 2011 - 2012 BOARD OF DIRECTORS</th>
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<tr>
<td>Kathlie Jeng-Bulloch</td>
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<tr>
<td>Shian-uei Hwu</td>
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<td>陳淑吟</td>
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<td>胡先箴</td>
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<td>Tammy Tsao</td>
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<td>曹心佳</td>
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<th>ACAP 2011 - 2012 CONTROL COUNCILORS</th>
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<tr>
<td>Edward Chen</td>
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<td>陳天生</td>
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<th>ACAP 2011 - 2012 ADVISORS</th>
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<td>Benjamin Chang</td>
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<td>Chi-Chung Chang</td>
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<td>Theresa Chang</td>
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<td>Edward Chen</td>
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<td>William Chien</td>
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<td>Chen-Hwa Chiu</td>
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<td>Hsi Frank Chou</td>
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<td>Hsing-wei Chu</td>
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<td>Ben Ho</td>
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25
2012 SETS CONFERENCE COMMITTEE

General Chair
Betty Tung 閻寶印
Conference Chair
Billy Liu 劉耀華
Award Committee Chair
Hsing-wei Chu 朱辛為
Conference Registration Committee Chair
Patricia Liu 莊維明
Scholarship Committee
Judy Wen 文 芳
David Kuo 郭 杰
Technical Committee Chair
Frank Lin 林國強
Conference Program Editor
Billy Liu 劉耀華
Frank Lin 林國強
Photographer
Janet Chung 鍾宜秀
Charles Lin 林昌暐
Online Registration
Frank Lin 林國強

2012 SETS COLLABORATING ORGANIZATIONS & PRESIDENTS

華人電腦協會 Clara Liang 林公實
美國華人石油協會 Xianhuai Zhu 朱憲懷
世界華人工商婦女企管協會美南分會 Annie Jow 廖秀美
休市華美會計師協會 Stella Kin 張欣萸

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Spouse: ________________________________ (Chinese) _________________________ ACAP Member: Yes _____ No _____

Mailing Address: _____ Home or _____ Business

Phone: Home_________________ Work___________________ Fax: Home __________________ Work___________________

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Education:  Degree   University/Institute    Major Field

                              _________________________________________  ______________________________
                              _________________________________________  ______________________________

Currently enrolled at (University): __________________________________  Expected Degree/Date: ____________________

Employer: ____________________________________________________________________________________________

Other Chinese Society Membership:

Division Preference (Please Check):

____ Architecture Engineering  _____ Education  _____ Law

____ Biomedical Science  _____ Electrical Engineering  _____ Literature and Art  _____ Political Science

____ Business  _____ Environmental  _____ Mechanical Engineering  _____ Social Science

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____ Civil Engineering  _____ Information Technology  _____ Petroleum Technology  _____ (Other) ____________

Field of Specialization: ________________________________________________________________________________

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