## 2010 CIE-USA Year Book Content

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Andy Lin 林國柱  Qing Zhao 趙慶  Gary Li 李燕平
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2010 CIE/USA-DFW Chapter Activities

2010 has been an exciting year for CIE/USA-DFW Chapter. We served around 3,800 professionals, young professionals and students through technology seminars and various youth programs.

CIE/USA-DFW Chapter celebrated the CIE/USA Day on August 21, 2010 during its Annual Convention at InterContinental Hotel in Addison. Seven cities within the DFW area proclaimed the CIE/USA Day, appreciating the contribution of CIE/USA-DFW to the community. They recognized CIE/USA-DFW continual important role in the economy and society, especially with the growing needs for business savvy skilled workers in the field of engineering and science. The convention was attended by about 700 participations, including 450 in the banquet, and 250 in the symposium. A number of local political leaders attended the VIP reception, including the mayors of Addison, Joe Chow, Richardson, Gary Slagel, Allen, and Carrollton, and the state representative, Angie Chen Button.
The theme of 2010 convention was “Global Transformation – Building a Greener and Smarter World”. We are privileged and honored to have Mr. Jim Greer, SVP of Asset Management and Engineering of Oncor, as our keynote speaker for the evening banquet, and Dr. Dave Malloy, Chief Engineer of Lockheed Martin, as the opening keynote speaker. For our convention, we have also received overwhelming support from our local industry partners and prominent speakers who shared their visions and experiences on green energy and biomedical fields for our discussion and parallel sessions.

2010 CIE/USA-DFW Outstanding Community Service Awards

Thomas E. Heiserman, Lockheed Martin Affinity Group Program
Claire Jung from Texas Instruments

DFW CIE/USA DAY AUGUST 21, 2010

Banquet Keynote Speaker Mr. James Greer (Oncor)
Global Transformation – Building a Greener and Smarter World
VIP including Mayors of Richardson and Addison

CIE President Ms Grace Tyler delivering President Speech
2010 Young Achiever Award recipients
Newly elected 2011 Board of Directors
The Spring Technology Symposium, “the New Waves of Communication” experienced an extraordinary success. Over one hundred and fifty professionals and college students were impressed, energized and inspired by distinguished professional leaders from various industries. The Leadership Assessment and Mentoring Program (LAMP) Symposium theme was “Career and Leadership in Transforming Time”. It synergized in the minds and hearts of many students, professionals and leaders. Over one hundred professionals and students from the DFW Metroplex area attended. Our new program Pizza and Buddy is a monthly event to facilitate professional networking and career seminars for our members. The service is valuable in a challenging economic and employment environment.

This year’s youth program has been highlighted by a number of events and activities. Close to 1,000 students and parents participated in our ‘MathComp & MathFun’ event. We have also reached many milestones with the English Essay Writing Contest and the English Speech Contest. I am very excited and proud to report to you that we had our very first Youth Engineering Fair, which benefited about one hundred students. Furthermore, we continue our strong sponsorship of the Junior Leadership Seminars and the Young Achiever Award Scholarship. After a vigorous selection process, 20 distinguished high school sophomores and juniors have been chosen to receive the Young Achiever Award and were recognized at the annual convention banquet.

CIE/USA-DFW Chapter thanks our volunteers for their tireless work. Our organization is 100% run by volunteers. CIE/USA-DFW Chapter wants to thank our sponsors for their strong support.
2010 CIE/USA-DFW Sponsored Activities and Events

CIE/USA-DFW officers and volunteers dedicated valuable time and effort for the benefit of members and the DFW community. Top quality programs with high caliber presenters were produced throughout 2010. The seminars, events and thought leaders brought to our members and community included:

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<th>Date</th>
<th>Events and Speakers</th>
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<tr>
<td>Jan 30</td>
<td><strong>The CIE Night</strong> is a long standing tradition of the CIE-DFW Chapter. CIE members and friends gathered to celebrate the achievements of 2009, renew their commitment to the mission of the organization, and kick-off the Year of Tiger with a feast of culture and jubilance. 200 members had a grand time celebrating the Chinese New Year.</td>
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</tbody>
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| Jan-May   | **Pizza and Buddy** was a pilot program designed to provide direct assistance to the members, who either are seeking new employment and career advancement, or pursuing entrepreneurship. During the initial meeting, pizzas were offered as incentives for participation in these forums. Not only were meetings well attended, but it is hoped that quickly, the participants will use these forums to build connections, build networks, and specifically, engage in Career Buddy building. In each of the two-hour meeting, about 40% of the time will be used for Monthly Feature presentation and the remaining 60% will be dedicated to Q&A and information sharing by the participants. Monthly Features include:  
  - “Entrepreneur to Enterprise – The first step”  
  - “Building Professional Networks”  
  - “Career Changing Management – Lifetime Learning”  
  - “Introduction of IBM Global Entrepreneur Program” |
| Mar 20    | **The Spring Technical Symposium** focused on communications technologies, with the theme: **“The New Waves of Communications”**. Mr. David Arbuckle from AT&T gave the keynote speech. He was followed by three presentations from Microsoft, Lockheed Martin, and Samsung on the various applications of communications. This event also had a break out session dedicated solely to the young professionals just starting their careers in the DFW areas, and those who are just entering their professional careers from local colleges and graduate schools.  
  **Keynote: The New Waves of Communication**  
  by David S. Arbuckle, VP-External Affairs of AT&T Texas  
  **Microsoft Exchange 2010 and Cloud Computing**  
  by John Weston, DPE IT PRO Evangelist of Microsoft Corp.  
  **Information Dominance**  
  by Peter T. Liu, Deputy Director of Lockheed Martin Aeronautics Company  
  **New Waves for Short Range Communication**  
  Sridhar Rajagopal, Staff Engineer of Samsung Telecom |

David S. Arbuckle  
John Weston  
Peter T. Liu  
Sridhar Rajagopal
May 22  |  CIE/USA-DFW marked in its history producing the first “Youth Engineering Fair”. The goal of the Youth Engineering Fair is to encourage students’ interest in, and inspire exploration of, science and engineering through the recognition of their research, knowledge, and demonstrated application. The event drew over 70 student teams from kindergarten to the eleventh grade to compete in seven sub-contests. Students and student-teams brought in their pre-built miniature Wood Bridges, Rubber Band Powered Model Airplanes, Battery Powered Model Cars, and Windmill Electricity Generators to be tested during the contests. Mr. Joseph Che of Lockheed Martin delivered an inspirational speech to the students during the award ceremony.

| Winners with trophies | Creative engineering by kids | Mr. Joseph Che |

May 22  |  The Junior Leadership Seminar was held in collaboration with CYLC (Community Youth Leadership Club) attended by 50 students. **Branding: Prada, Nike & You: a personal identification and image creation** by speaker Ms. K. Helen Yu, Litigation Attorney at American Airlines. **Engineering, a Bright Future** by speaker Dr. Jung-Chih Chiao, professor from The University of Texas at Arlington.

| Prof. J.-C. Chiao | Group picture | Audiences |

Jun 5  |  MathComp/MathFun event gathered over 1000 parents and children. Five hundred kids took the Math examination. **Parenting Seminar: Motivate Our Talented Youth** was delivered by Dr. Titu Andreescu, Associate Professor of Science Education from University of Texas at Dallas.

| Hon Mayor Joe Chow | Lockheed Martin’s jet fighter cockpit simulator |

<p>| Winners with trophies | Parents and contestants at the award ceremony |</p>
<table>
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<tr>
<th>Date</th>
<th>Event</th>
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| Jun 26 | **Leadership Assessment and Mentoring (LAMP)** symposium was held at The University of Texas at Arlington attracted more than 110 professionals and students from the DFW Metroplex area. This year, the LAMP Symposium brought the theme synergized in the minds and hearts of many students, professionals and leaders.  
**Keynote: Career and Leadership in Transforming Time**  
by Dr. Kyung Kim, Lockheed Martin Fellow at the Advanced Development Programs, who was a recipient of the 2009 Asian – American Engineer of the Year Award, shared his experience in effective leadership in today's complex business environment and discussed the governing philosophy of leadership.  
**Keynote: Me, Myself and I, Inc. (MMI, Inc.)**  
by Ms. Belinda Rodriguez, Executive Director of Human Resources at AT&T, inspired audience with her thoughts and experience in preparing for the changes and uncertainty in the current world and pursuing opportunities in chaos. Ms. Rodriguez described and discussed, provided insights on the importance of accepting changes, focusing on key strengths, and recognizing that networking and mentoring are essential components in achieving success.  
The organizers were fortunate to have the presence and participations of leaders and distinguished professionals, Dr. Kyung Kim, Belinda Rodriguez, Dr. Claire Jung, Mark Carpenter, Shekar Rao, Jeff Hatley and Professor J.-C. Chiao. The audience was inspired and captivated by the accomplishments of each speaker and panelist who themselves had crossed paths with change, had overcome challenges, and had seized the opportunities. |
| Jul 10 | **English Essay Writing Contest** attracted over 100 entries. The award presentation ceremony held at the University of Texas at Dallas in Richardson Texas. The objective of CIE English Essay Writing Contest is to promote creative writing skills in students from grades one to twelve. Writing is an essential skill and foundation for successful communication and many careers as was emphasized by guest speaker Mr. Robert Groover at the awards presentation ceremony. |
| Jul 10 | **DFW Youth Speech Contest** was held in collaboration with Texas Dragon Toastmasters Club, attracted participation of 97 Grade 1-12 students. The theme of the contest was “Participation is Victory, Public Speaking Brings Success.” |
| Jul 12-17 | **DFW Chinese Youth Camp (CYC)** was held in collaboration with CYC, attracted over 100 campers from age 8 to 16, as well as 20 counselors and assistant counselors age from 15 to 18. The Overseas Compatriots Affairs Commission of Taiwan ROC sent 3 teachers to the camp to teach Chinese folk dance, Chinese folk activities, and Chinese arts and crafts. |
Jul 26-31  **Community Youth Leadership Camp** was held in collaboration with Community Youth Leadership Club (CYLC) at Austin College in Sherman, Texas, attracted 270 students ages from 8 to 18 and 25 volunteer teachers to the week-long residential summer camp dedicated to fostering leadership skills in young people.

Aug 21  **Global Transformation – Building a Greener and Smarter World** was the theme of 2010 annual convention. The Green Technology Symposium at the InterContinental Hotel in Addison. Two parallel sessions on Green Energy and Green BioMed were led by highly respected university professors and industry leaders. Over 200 professionals and students participated in this event. Below are the accolades of speakers brought to participants:

**Keynote Speech: Renewable Energy and Medical Products**
Dr. David A. Molley (Lockheed Martin Aeronautics Company)

**Green Energy Track**
**GE Energy and Industrial Energy Efficiency**
Brennan Downes, Senior Global Development Leader, GE Energy

**Energy Harvesting**
Chris Link, Power Business Manager, Texas Instruments

**Building Texas Energy Highway**
Wilson Peppard, Senior Vice President, ONCOR

**Green BioMed**
**Medical Device Compatibility**
Chi-Chun Tsai, Associate Director, Surgical Device R&D, Alcon Laboratories Inc.

**Green Materials for Medical Application**
Jian Yang, Assistant Professor, University of Texas at Arlington

**Helmets that Can Read Your Mind**
Roozbeh Jafari, Assistant Professor, University of Texas at Dallas

**Green Technology Panel Discussion**
All the speakers and Dr. Dinesh Bhatia, Assistant Professor, University of Texas at Dallas
Aug 21  CIE/USA-DFW **Young Achiever Award (YAA)** program selected 20 winners to receive trophies and scholarship at the Convention.

Nov 5  **Minority Business Forum** was established with the specific goal of building a bridge between minority-owned and operated businesses and government departments and corporations. The forum held its inaugural meeting, in partnership with the Greater Dallas Asian American Chamber of Commerce (GDAACC), and was able to capitalize on each other’s strengths to achieve greater results. Representatives from 8 major buyers and over 60 minority suppliers participated in the event.

Nov 14  **North Texas Youth Spelling Bee** hosted at Sun Ray Chinese School with more than 500 students, parents, and volunteers participated.

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<thead>
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<th>CIE Sponsored Programs</th>
<th>Registered Count</th>
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<tr>
<td>Spring Technical Symposium</td>
<td>182</td>
</tr>
<tr>
<td>Green Technical Symposium</td>
<td>109</td>
</tr>
<tr>
<td>Leadership Assessment &amp; Mentoring Program (LAMP)</td>
<td>131</td>
</tr>
<tr>
<td>Annual Convention Banquet</td>
<td>450</td>
</tr>
<tr>
<td>Minority Business Forum</td>
<td>90</td>
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<tr>
<td>Pizza &amp; Buddy Professional Networks (6)</td>
<td>54</td>
</tr>
<tr>
<td>Math Camp</td>
<td>506</td>
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<tr>
<td>MathFun</td>
<td>800</td>
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<tr>
<td>Parenting Seminar</td>
<td>250</td>
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<tr>
<td>Engineering fair</td>
<td>108</td>
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<tr>
<td>Essay Writing Contest</td>
<td>116</td>
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<tr>
<td>CIE Night</td>
<td>200</td>
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<tr>
<td>Young Achiever Award</td>
<td>29</td>
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<tr>
<td>Speech Contest</td>
<td>111</td>
</tr>
<tr>
<td>Junior Leadership Seminar</td>
<td>50</td>
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<tr>
<td>CYLC Leadership Camp</td>
<td>250</td>
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<tr>
<td>Spelling Bee Contest</td>
<td>160</td>
</tr>
<tr>
<td>Chinese Youth Leadership Camp</td>
<td>200</td>
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<tr>
<td><strong>Total Participants Served</strong></td>
<td><strong>3,796</strong></td>
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2010 YTD Professionals and Students Served
CIE/USA-Greater New York Chapter (CIE/USA-GNYC)

Officers

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Rong Chang (張榮)

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Chein-Chi Chang (張建祺)

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Frank Cheng (陳沙鳧)
Allen C. Chen (陳政仁)
Chein-Chi Chang (張建祺)
Jonathan Chao (趙鴻翔)
Jun-Min Liu (劉主民)
**2010 Fiscal Year Activities**

- February 26, 2010: GNYC organized a tour for 2010 Asian American Engineer of the Year (AAEOY) Award Ceremony attendees to visit AT&T Global Network Operations Center and Alcatel-Lucent Bell Labs.
- February 27, 2010: GNYC organized a Leadership Training program and the following four panel sessions before the AAEOY Award Ceremony held at Hyatt Regency Hotel, New Brunswick, NJ:
  - Make a Difference through an Engineering Career
  - Reaching out for the American Dream
  - AAEOY Networking and Action Group
  - Intern and Employment Opportunities for Engineers
- April 12 to 18, 2010: GNYC participated in the eighth Sino-American Technology and Engineering Conference (SATEC). Four members contributed to the session focusing on modern information services technology such as Manufacturing as a Service (MAAS). Companies visited in China include Zhejiang Institute of Modern Textile Industry (Shaoxing), Southern Center for Technology Innovation Guangdong (Nanhai), Wison Furniture¹ (Foshan), and P.G. Logistics Group² (Guangzhou).
- July 24, 2010: GNYC hosted the Second Zhan Tian-You Cup Team Tennis Tournament, together with the New Jersey Chinese Tennis Association (NJCTA), at Columbia Racquet Club in Florham Park, NJ.
- August 1, 2010: GNYC organized annual picnic with CTUAAA NY Chapter³ at Van Saun County Park in Paramus, NJ.
- September 15, 2010: GNYC co-sponsored for the third year the Boston Job Fair organized by the 2010 Taiwan High-Tech Overseas Talent Recruitment Mission at the Sheraton Commander Hotel, Cambridge, Massachusetts.
- November 13, 2010: GNYC held the 2010 Annual Convention at the Newark Marriott Hotel. The theme was “Fueling Engineering Education and Innovation.” Technical sessions include
  - Cloud Computing Services and Management

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² http://www.pgl-world.com/
³ Members of CTUAAA NY Chapter consist of the alumni of Chiao-Tung (Jiaotong) University, including Shanghai, Hsinchu, Xian, Beijing and Chengdu campuses, who currently live in the areas of New York, New Jersey, Connecticut.
- Financial Engineering and Management
- Green and Smarter Planet Applications
- Emerging Applications: From Multimedia to Mobile
- Forum: Fueling Next Generation With Science & Engineering Education for Innovation and Competiveness
- Birds of a Feather (BOF): From Early Childhood Education to Innovative Green Industries

In addition to annual achievement and service awards, GNYC also issued high school scholarship awards during the Annual Convention Banquet.

Mary Ward-Callan (IEEE Managing Director for Technical Activities) gave a speech on humanitarian technology challenge during the Panel Session on “Make a Difference through an Engineering Career” at Hyatt Regency New Brunswick, NJ on February 27, 2010.
Grand reception for the 2010 AAEYOY Award Ceremony at Hyatt Regency New Brunswick, NJ on February 27, 2010.

GNYC and New Jersey Chinese Tennis Association (NJCTA) co-hosted the Second Zhan Tian-You Cup Friendship Tennis Tournament at Columbia Racquet Club in Florham Park, NJ on July 24, 2010.
Dr. Andrew Wang (王惠鈞, VP of Academia Sinica) gave a speech on structural biology during the GNYC Annual Convention at Newark Marriot Hotel on November 13, 2010.

Paul Lin (left) and Yuanqiu Luo (right) with high school scholarship awardees during the GNYC Annual Convention Banquet at Newark Marriot Hotel on November 13, 2010.
GNYC Executive Committee Meeting in Edison, NJ on December 19, 2010: (From left to right) Kevin Lu, Kuo-Kuang Hsu, Fred Yan, Ted Lee, Chiao-Wei Lee, Shu-Ping Zhang, Elven Chern, Paul Lin, Jun-Min Liu, Allen Chen, Howard Chen, and Rong Chang.
CIE/USA-New Mexico Chapter (CIE/USA-NM)

**Officers**

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- Vice President: Lin Ye
- Secretary: Jin Wu
- Treasurer: Peng Chu Zhang

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- Leo Jaw
- Yi Feng Wang
- Jin Wu
- Wei Zhou
- Chui Fan Cheng
- Willie Luk
- Lin Ye
- Peng Chu Zhang

**Advisory Council**

- Yung Sung Cheng
- Ken Chen
2010 Fiscal Year New Mexico Chapter Activities

- January 23, 2010, we host a seminar with two topics: “Harvesting Solar Energy: Status, Challenges, and Opportunities” by Dr. Hong Hou, Chief Executive Officer, Emcore Corporation, and “Influenza – Past, Present, and Future” by Dr. Wanli Lei, Molecular Biologist, Lovelace Respiratory Research Institute. 40 people attended.

- Annual convention and symposium was held on May 15, 2010. We had two topics to share with the members and friends. Health Reform Act and its Implications by Dr. Nandini Pillai Kuehn, Health Services Consulting, New Mexico and Genetics, the Environment, and Cancer by Dr. Iming Chen, Department of Pathology, University of New Mexico

Health Reform Law

- Patient Protection and Affordable Care Act signed into law March 23, 2010
- Some changes are immediate
- Full scope of changes by 2016, some 2018
- Benefits under the law for U.S. citizens or legal residents only

Different Kinds of Cancer

Some common carcinomas:
- Lung
- Breast (women)
- Colon
- Bladder
- Prostate (men)

Leukemias:
- Bloodstream

Lymphomas:
- Lymph nodes

Some common sarcomas:
- Fat
- Bone
- Muscle
• The most exciting event of CIE/USA-NM Chapter in 2010 was we won the honor to host 2012 AAEOY. This is the first time we will host AAEOY in a relatively small CIE/USA outfit. We spent a lot of time and efforts to do the preparation in 2010 except our regular activities. We formed planning team and held monthly meeting to keep a good progress.

AAEOY 2012 Planning Team

August 29, 2010, we organized 8th annual fall picnic, co-host with New Mexico Chinese Association. More than 60 members and friends attended.
Seminar October 2010, CIE/USA NM held seminar on October 11, 2010. This is a joint event with NMCA (New Mexico Chinese Association). We had 100+ people attended the seminar. We had FBI Community Outreach Specialist Tammy Peter and SSA Darrin E. Jones shown us “The FBI NMRCFL & Digital Forensics” and “Community Outreach Program”.

![Meeting Image]
We also had Sefu Tom Kuo shown us “Tai Chi for Health”.

- We also established a new web site for CIE/USA-NM Chapter. The address is at http://www.cie-nm.org/.
CIE/USA-OCEESA Chapter
Oversea Chinese Environmental Engineers and Scientists Association (OCEESA)

Officers
President            Wei-Ping Pan
Vice President       Charles Cheng
Treasurer/Secretary  David Shaw
Ex-Officio           Wei-Yin Chen
Permanent Executive Director  Yung-Tse Hung

Board of Directors
An-Min Liu
Steven Fan
Rebecca Chou
Kung-Hui Chu
Yan Ding
Kaimin Shih

Advisors
Yung-Sung Cheng
Edward Chen
John Huang
Wen-Chi Ku
Pao-Chiang Yuan
Don Tang
Lawrence Wang
Wei-Chi Ying

National Council Representative
John Huang
Activities:

The 2010 Asian American Engineers of the Year Award Ceremony (AAEOY) was held on February 27, 2010 in New Brunswick, NJ. OCEESA President Wei-Ping Pan and member Chein-Chi Chang attended the ceremony and CIE-USA National Council Spring meeting. Due to big snow storm and flight cancelations, Vice President Charles Cheng and NC Representative John Huang were forced to cancel the trip. OCEESA representatives interacted with members from other CIE chapters, especially the hosting NY chapter, and established a task force lead by Dr. Charles Cheng to study the possibility of hosting the 2013 AAEOY in Los Angeles.

The 13th MTEPC was held at the Wanyou Conifer Hotel in Chongqing from April 23rd to 25th, 2010. At the opening ceremony, OCEESA President Wei-Ping Pan delivered a short speech to introduce OCEESA (Photo 1), and presented OCEESA “Outstanding Environmental Service Award” to Vice President, Professor Chengguang Bai (Photo 2), and Faculty of Urban Construction and Environmental Engineering (Photo 3), of Chongqing University, for their contributions in organizing the 13th MTEPC. OCEESA Vice President Charles Cheng delivered a 30-minute keynote speech titled “US Experience in Water Protection” at the opening ceremony (Photo 4); he also used this opportunity to thank OCEESA attending members for their efforts and contributions, and to announce OCEESA’s presence in upcoming activities in Shanghai.

![Photo 1](image1.jpg)  President Pan delivering a speech at the opening ceremony

![Photo 2](image2.jpg)  President Pan presenting award to Prof. Bai

![Photo 3](image3.jpg)  President Pan presenting award to Prof. Li

![Photo 4](image4.jpg)  Vice President Cheng delivering a keynote speech at the opening ceremony
Nine OCEESA members attended the conference (Photo 5); they are (from left to right) Wei-chi Ying, Wen-Chi Ku, Robert Chang-Chun Lao, Charles Cheng, Wei-Ping Pan, David Wei-Dek Koo, Kung-Hui Chu, Herbert Han-Ping Fang, and Kaimin Shih. President Pan also conducted a member meeting during lunchtime of April 24th (Photo 6).

Photo 5, OCEESA attending members (from left to right) Ying, Ku, Lao, Cheng, Pan, Koo, Chu, Fang, Shih

Photo 6, President Pan conducting a member meeting at a lunch

The 13th MTEPC was a success in academic exchange and in networking. More than 270 participants from Mainland China and Taiwan attended; a group photo was taken (Photo 7). After the two-day event, it was closed on the afternoon of April 25th. OCEESA’s Best Paper Award program was the highlight at the closing ceremony. President Wei-Ping Pan presided, and six OCEESA members assisted with the award ceremony. Twelve awards were issued to participating students, with six each for mainland and Taiwan. The recipients received OCEESA certificates with a brand new $100 bill in a red envelope (Photo 8). The IBM fund provided $600 to support this event, and was mentioned during the ceremony.

Photo 7, Group photo of the 13th MTEPC participants
A Consultative Committee meeting was held on the night of April 24th. The following OCEESA members attended: Wei-Ping Pan, Charles Cheng, Wei-chi Ying, Herbert Fang, Kaimin Shih, Wen-Chi Ku and David Koo. The Committee reviewed a slide show about some moments and figures in MTEPC history, and agreed to increase the frequency of exchanges and hold more small conferences between major MTEPCs. Wei-Ping Pan announced the upcoming Air Quality Conference and OCEESA sponsored workshop lead by Dr. David Shaw to be held in Hawaii in March 2011; it received great interest and appreciation from the audience. The Committee heard Prof. Lin’s presentation on Cheng Kong University’s preparation for the 14th MTEPC and unanimously approved its hosting of the 14th MTEPC next year. The Committee heard Guilin Science and Technology University’s presentation for hosting the 15th MTEPC in the fall of 2012 (the former Dean of the Environmental Engineering College Prof Kanghua Liu is the current President, thus have many advantages); and tentatively approved its application.

The first Forum of Global Chinese Scientists for Environmental Protection was held in Shanghai from May 5th to May 7th, 2010. This forum was jointly organized by the Chinese Society of Environmental Science and 15 oversea professional organizations. OCEESA is one of the founding members of the forum. Eight registered OCEESA members attended the Forum (Photo 9), their names and presentation titles are (from left to right): John Chien (a former member); Charles Cheng, “Water Protection Policy and Strategy - What Can We Learn from USA?”; Wei-Yin Chen, “Modification of Coal by Supercritical CO2”; Anmin Liu, “Wastewater Treatment at the Crossroad (污水处理何去何?)”; Wei-Ping Pan, “Mercury Emission, Control and Measurement from Coal Combustion”; Jy S. Wu, “Adapting TMDL Approach for Sustainable Watershed Management”; Robert Lao, “Incineration of
Municipal Solid Waste and the Possible Cooperation between the Mainland and Taiwan”; Jason Wen (a newly recruited member). Absent from the photo are Wei-chi Ying, “Environmental Friendly Activated Carbon Processes for Removing Water Pollutants”; and Alexander Chuang, “Post-Combustion CO2 Capture with Solid Amine Sorbents”.

The Forum mingled with the “Consultative Meeting for the Chinese Twelfth Five-Year Environmental Protection Planning” and the “2010 Annual Meeting of the Chinese Society of Environmental Science”. Members attended both meetings and gave presentations in various sessions. In addition, members also attended the Opening Ceremony of the First Forum. (Photos 9-12)

Photo 9, Some OCEESA members attending the 1st Forum, May 5th –7th, 2010

Photo 10, OCEESA members attended the “Opening Ceremony for the First Forum on the night of May 5th, 2010

Photo 11, OCEESA members attended the “12-5 Consultative Meeting”

Photo 12, OCEESA members attended the “2010 Annual Meeting of the Chinese Society of Environmental Science”

Members toured the 2010 World Expo on May 8, 2010, which was the first weekend of its opening. More details of the first Forum can be found at the official website of the Chinese Society of Environmental Science at www.ep.65ce.com.

A joint ECUST-OCEESA workshop was held at ECUST campus on May 10, 2010. The
workshop was planned and organized by President Wei-Ping Pan and former President, current ECUST visiting Professor Dr. Wei-Chi Ying in coordination with OCEESA members’ participation of the 1st Forum. Eight members participated the workshop and their names and presentation titles are as following (Photo 13, from left to right, front row): Wei-Yin Chen, “Modification of Coal by Supercritical CO2”; Herbert Fang, Recent Development of Anaerobic Technology in Asian”; Robert Lao, “Environment, Climate Change and Sustainable Development in China”; Prof Yu, VP of ECUST; Prof. Liu, Dean of ECUST; Wei-Ping Pan, “Mercury Emission, Control and Measurement from Coal Combustion”; Prof Huang, Associate Dean of ECUST; (back row) Anmin Liu, “Integrated Wastewater Management for Overall Water Resources Management”; Charles Cheng, “Domestic Wastewater Treatment and Disposal Practices in USA”; Steve Fan, Sludge Treatment Comparison between Egg-Shaped and Conventional Digesters”; Jason Wen, “Drinking Water Regulation and Water Quality Management”; Prof Wei-chi Ying. Six professors from ECUST also gave presentations. Audience included professors from Fudan, Tongji and Jiaotong universities, as well as professors, graduate and undergraduate students from ECUST.

Photo 13, Welcoming OCEESA speakers by ECUST
Wei-Ping Pan attended ASEE Meeting. Representatives from 7 engineering diversity organizations (such as Boeing, DuPont, NOGLSTP - National Organization of Gay and Lesbian Scientist and Technical Professionals, SWE, WEPAN and CIE) attended the panel discussion on the session of “Finding the Sweet Spot for Engineering Diversity Organizations and Corporation Partners” during the 2010 American Society for Engineering Education on June 21 in Louisville, KY. Around 20 other participants were in the session. This session explored how corporations and engineering diversity organizations can best work together and leverage each other’s efforts to advance diversity in engineering. The session opened with five-minute statements of the value to the corporate sector by representatives from each of the 7 engineering diversity organizations. The session then continued with discussions of a hypothetical corporate diversity strategic plan and ways in which the engineering diversity organizations and corporations could benefit from mutual support. Chinese Institute of Engineers (CIE) was introduced by Wei-Ping Pan which included the history of the organization, missions, local chapter activities and annual Asian American Engineering of the Year Award (AAEOY). The audience was extremely impressed by the activities carried by CIE, especially for the annual AAEOY. The accomplishments from this presentation include (1) Better understanding the function of CIE to participants (2) Addressing the appreciation and the importance of Boeing in supporting AAEOY for past years (3) Providing new contact (DuPont) information to Jiin Chen (Chair of 2011 AAEOY) for further communication.
The OCEESA Board of Directors and the Executive Council adopted 5 resolutions during the OCEESA board meeting in conjunction with the 2010 NC Fall meeting in Los Angeles on September. These resolutions reflect the Board’s determination to carry on OCEESA business by actively engaging and addressing issues that OCEESA has been facing. Two of the five resolutions (Resolutions 1 and 5) involved amendment of our Constitution and By-Laws, thus required approval of two-thirds majority members who voted. President Wei-Ping Pan thanked all members who participated in the voting process in November 2010, which demonstrated members commitment to OCEESA and support of a democratic process. He especially thanked Board Directors for their effort, time, and dedication to the organization. Through this voting process, we received many good suggestions from our members and their support for the Boards active, open and democratic action. Our governing Board is making a good effort to revitalize our organization for its growth and presence in the international stage. Good discussions among members and a democratic process has been taking place in our organization. We look forward to building a stronger organization together.
CIE/USA-SF Chapter

Chairman of the Board
Larry Wang

Officers
President          Wen Wang
Vice President     John Xie
Secretary          Richard Yau
Treasurer          Simon Ma
Communication      David Fong
Public Relations   Barry Lin
Web Master         Louis Liu

Board of Directors
Norman Chen
Su-Syin Chou
Chi-Min Chu
Charles Feng
David Fong
Fred Hsia
William Kao
An-Yu Kuo
Patrick Lam
Barry Lin
Kelley Liu
Louis Liu
Simon Ma
Bernard Shung
Joe Tai
Gary Wang
Larry Wang
Wen Wang
John Xie
Richard Yau
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Min-Gee Hsia
Ta-Lin Hsu
Paul Huang
Lester Lee
Jung Lin
Gerry Liu
Soung-Nan Liu
Bill Sun
Kuei-Wu Tsai
Andrew Wang
Stanley Wang
Yue-Chyou Yang
Ed Yang
Hong-Chiu Chen
Ed Teng
Ray Chen
Margaret Hsu
Belle Wei

National Council Representatives
David Fong
Barry Lin
Wen Wang
Larry Wang
An-yu Kuo
Su-syin Chou
2010 Fiscal Year Activities

- April 24, 2010: Clean Technology Seminar
- May 18, 2010: Green Transportation Seminar
- June 5, 2010: Career Development Seminar
- June 9, 2010: Co-organized Dr. William Perry Event - Nuclear Tipping Point
- June 12, 2010: Co-organized 2010 US-Taiwan Biomedical Engineering Forum
- June 17, 2010: LED Lighting Seminar
- June 26-27, 2010: Participated in Relay for Life by American Cancer Society
- July 11, 2010: Participated in TCAAT Volleyball Tournament
- July 18, 2010: Participated in NCCAF Volleyball Tournament
- July 25, 2010: Annual Summer Retreat
- September 4, 2010: Co-organized Dr. Ni’s Seminar on Chinese Medicine
- September 11, 2010: Participated in Hi-Recruit by Taiwan Trade Center
- September 21, 2010: Seminar on Reverse Logistics Management in Green Steel Industry
- September 25, 2010: Short Courses on: Leadership and Strategy Execution for Engineers; and Android Product Development
- October 2, 2010: Short Courses on Clean Technology and Smart Grid
- October 9, 2010: Short Course on 3D IC Packaging
- October 16, 2010: Short Course on Mobile Programming
- November 6, 2010: Co-organized 2010 US-Taiwan Biomedical Engineering Forum
- November 13, 2010: Co-organized Seminar on Film
- November 17, 2010: Seminar on Water Energy Nexus & Waste Management
- January 25, 2011: Seminar on the Role of Power Electronics in Clean Energy Applications
- February 5, 2011: Co-organized Seminar on Film
- February 12, 2011: CIE/USA-SF Annual Conference
Solar Energy Seminar on March 23, 2010

Green Transportation Seminar on May 18, 2010
Opening of Career Development Seminar on June 5, 2010

Dr. William Perry delivered his speech in the Nuclear Tipping Point Event on June 9, 2010
Annual Summer Retreat on July 25, 2010

Short Course on Android Product Development on September 25, 2010
Film Seminar on February 5, 2011

Keynote Speech by Mr. Gary Wang in CIE/USA-SF Annual Conference on February 12, 2011
CIE/USA – Southern California Chapter
(CIE/USA-SOCAL)

Officers

President: Tony Y. Torng
1st Vice President: Gordon Wei
2nd VP and Secretary: John Zhou
Treasurer: Ken Hugh
Membership: Marina Chen
Public Relation: Lisa Chong
Program: Xudong Jia
Program: Jerry Huang

Board of Directors

Jimmy Lin
Jay Yoshinaga
Clinton Quan
Brian Wu
Jack Phone
Wen Pei
Frank Shen
James Wang
Roy Han

National Council Representative

Tony Y. Torng
Gordon Wei
John Zhou
2010 Fiscal Year SOCAL Activities Summary

- Membership: As of today, we have 180 members and growing
  - Join Asian Depot to recruit new members
- A board of director established according to our by-laws
- Invited and attended a Southern California technical association party sponsored by TECO.
- Drs. Jerry Huang and Tony Tornng have supported our San Francisco chapter to host a group of visitors from China.
- Three Newsletters out to members. Including several jobs offer.
- Website established
- Seminar with job fair
  - Main theme: STEM (Science, Technology, Engineering, and Mathematics)
  - Six distinguished speakers
    - Three in management or entrepreneur
    - Three in technical or University Professor/Dean
  - Three company joined the job fair program
  - About 200 people attended the meeting
- Annual Convention
  - Main theme: STEM
  - Journal printed
  - Keynote speakers: Mt. SAC College President and Boeing executive
  - Politician support: local Cities, County, CA State, and US congresswoman Judy Chu
  - Entertainment program
  - Raffle door prizes
  - About 150 people attended the meeting
2010 STEM Seminar

Mt. SAC Booth

Robotic Club Booth

Boeing Booth
Sandia Lab Booth

First Session Speakers and Emcees

Second Session Speakers and Emcees
2010 First Annual Convention

Entertainment Program

Mt. San Antonio College President: Dr. John Nixon

Boeing Network & Tactical Systems and Huntington Beach-Anaheim Chief Engineer Dr. Naveed Hussain
Recognition

US Congresswoman Judy Chu

2010 Board Members
More Than 150 People Joined the Ceremony

Keynote Speech

Keynote Speech
2010 CIE/USA-Seattle Chapter

Chairman of the Board

Kai Wang (王愷)

Officers

President
Hsiung-Fei Lee (李熊飛)
Vice President
Wen Lee (李文華)
Secretary
Michael Chang (張彌弘)
Treasurer
Robert Wang (王慶輝)

Board of Directors

Michael Chang (張彌弘)  Jiin Chen (陳錦江)
Angelina Huang (黃宜敏)  Hsiung-Fei Lee (李熊飛)
Wen Lee (李文華)        James Lee (李適中)
Gina Li (李建平)         Kai Wang (王愷)
Robert Wang (王慶輝)     Philip Yu (尤齊書)
Yong Zhou (周雍)

National Council Representatives

Jiin Chen (陳錦江)
Michael Chang (張彌弘)
Hsiung-Fei Lee (李熊飛)
James Lee (李適中)
Wen Lee (李文華)
Kai Wang (王愷)
2010 Major Activities

1. Held a technical seminar with Prof. Geng-Dong Cheng of Dalian University of Technology in China as the principle speaker. He was the retired president of the university and had published numerous papers in structure and stress.

2. On August 2011, teamed up with a number of other APA organizations in greater Seattle area to host a summer festival.

3. Held a joint summer picnic with three other Chinese American organizations.

4. Held a math contest in October 2010. The event has over 100 kids participated. During the event, we also awarded the 2010 APA Scholarship award.
2010 APA Scholarship winners

2010 Math competition

2010 Science Fun program
Math competition winners

Winners of the Science Fun activity

5. In preparation of the AAEOY 2011 in Seattle, the committee got into high gears in soliciting sponsors, booking venue, inviting speakers and finalizing the program (please see a separate section report for details).
2011 Asian American Engineer of the Year (AAEOY) Award

Representing CIE/USA, Seattle chapter is very proud to have hosted the tenth annual National Engineers Week Asian American Engineer of the Year Award on the February 26, 2011 at the Hilton Seattle Airport Hotel & Conference Center. AAEOY Award is given to outstanding Asian American scientists, engineers, technologists and corporate/government leaders in recognition of exceptional contributions in their respective fields.

Jim Albaugh, President and CEO of the Boeing Commercial Airplanes, and Dr. Qi Lu, President of Microsoft Corporation were the keynote speakers at the award banquet. Two of distinguished awards – the Science & Technology award went to Nobel Laureate Dr. Ei-ichi Negishi, Distinguished Professor of Chemistry, Purdue University; and the Lifetime Achievement Award went to Dr. Chenming Hu, TSMC Chair Professor of Microelectronics, University of California, Berkeley. There were a total of 23 recipients graced this celebrate Award. Other recipients were:

Recipients of the 2011 Asian American Executive of the Year Award:

- Dr. Ramki Desiraju, Partner and Vice President, IBM Global Business Services
- Yung A. Le, Director, Lockheed Martin Aeronautics.
- Anne Ostroff, Vice President, System Engineering, Integration & Test, Northrop Grumman Corporation.
- Mahesh C. Reddy, Director & Program Manager, The Boeing Company.
- Dr. Harry Shum, Corporate Vice President, Search Product Development, Microsoft Corporation.

Recipients of the 2011 Asian American Engineering Leadership Award:

- Dr. Sang J. Lee, Principal Mechanical Engineer, Lockheed Martin Missiles and Fire Control.
- Gaurang Shah, Vice President, Texas Instruments.
- Dr. Manu Sharma, Functional Manager, The Boeing Company.

Recipients of the 2011 Asian American Engineer of the Year Award:

- Capitan Jon Hill, Technical Director and Program Manager, United States Navy
- Dr. Xuedong Huang, Partner Architect, Online Services Division, Microsoft Corporation.
• Dr. Subramanian S. Iyer, Fellow and Chief Technologist, IBM
• Dr. Meng-Sing Liou, Senior Technologist, NASA John H. Glenn Research Center
• Dr. Amy Lo, System Engineer, Northrop Grumman Corporation
• Guy Niizawa, Senior Manager, Lockheed Martin Aeronautics
• Dr. Jinrong Qian, Sector Manager, Texas Instruments
• Dr. Jian-Juei Wang, Manager, The Boeing Company
• Dr. Pin Yang, Distinguished Member of the Technical Staff, Sandia National Laboratories

Recipients of the 2011 the Most Promising Engineer of the Year Award:
• Carrie Shiu, Lead Configuration Design Engineer, The Boeing Company
• Quoc Trieu, Network Engineer System Administrator, Lockheed Martin Corporation
• Dr. Ying Xia, Engineer, Naval Undersea Warfare Center

Recipient of the 2011 Distinguished Corporate Diversity Award:
• Christopher Higa, Corporate Manager, Northrop Grumman Corporation

In additional to the traditional AAEOY Awardee Reception (held on the 76th floor of Columbia Tower) and the VIP Reception (held on the Hilton Crystal Ballroom), 2011 AAEOY Executive Committee – Seattle had also hosted four professional conferences on the afternoon of the event date and they were:

• Career and leadership development;
• Advancement in aviation;
• Frontiers in software development; and
• Advancement in Life Science and Bioengineering.

Parallel to these 4 conferences, a job fair was also held during the afternoon with the participating companies include IBM, the Boeing Company, Lockheed Martin, Northrop Grumman, Microsoft, Texas Instruments, Amazon, T-Mobile, United States Navy, NASA-Glenn Research Lab, NASA-Johnson Space Center, Sandia National Laboratories and University of Washington – Bothell campus.

This historical 10th AAEOY event has received strong corporate support from the major companies around the country and they were:
• Boeing
• IBM
Lockheed Martin
Northrop Grumman
Microsoft
Texas Instruments
NASA Glenn Research Center
Sandia National Laboratories
US Navy
BP
Corning Incorporated
Amazon
T-Mobile

2011 AAEOY Executive Committee – Seattle has also partnered with the following companies and professional organizations in making this year’s event a successful one:

- Society of Chinese-American Aerospace Engineers (SCAAE)
- WPI Real Estate (WPI)
- Executive Development Institute (EDI)
- Boeing Asian American Professional Association (BAAPA)
- Microsoft Asian Employee Resource Group (ERG)
- Chinese Microsoft Employee Network (CHIME)
- Korean Scientist and Engineer Association (KSEA)
- National Association of Asian American Professional – Seattle (NAAAP)
- Seattle Chinese Biomedical Association (SCBA)
- Seattle Technical Forum
- Chinese Entrepreneur Club
- Work Source Seattle-King County
- University of Washington Career Center
- Seattle University Career Development Center

According to the registration, over 700+ distinguished guests, honorees, corporate executives and community leaders are attended this event.
For the success of the 10th AAEOY event, CIE/USA – Seattle Chapter would like to pay tributes to the following Executive Committee chairs:

**Award Banquet Committee:** Michael Chang  
**Marketing/Sponsorship Committee** Dr. Jiin Chen (NC Chair)  
**Nomination Committee** Dr. Gina Li  
**VIP Reception Committee** Dr. James Lee  
**Hotel Logistics Committee** Hsiung-Fei Lee  
**Awardees Dinner Reception Committee** Kai Wang  
**Exhibition & Job Fair Committee** Michael Chang  
**Leadership/Technical Conference Committee**  
  - **Leadership Track:** Yuying Mesaros  
  - **Aviation Track:** Carrie Shiu  
  - **Software Track:** Wen Lee and Michael Chang  
  - **Bio-Medical track:** Dr. Zhaotao Yang and Hsiung-Fei Lee  
**Hospitality Committee** Melvin Eng and Angelina Huang  
**Press Release Committee** Dr. Kai Wang, Philip Yu and Yong Zhou  
**Publication Committee** David Wei  
**AAEOY Website Committee** Wen Lee and Dr. Jiin Chen  
**Volunteer Recruit and Registration Committee** Dr. Robert Wang  
**Government Relation Committee** Jack Peng

Keynote by Jim Albaugh, CEO, Boeing Commercial Airplanes Company

Keynote by Dr. Qi Lu, President of Microsoft On-line Service

CIE receive recognition from Canada Senator Vivienne Poy

US Navy representatives group photo

Nobel Laureate Dr. Ei-ichi Negishi accepted the Science and Technology award.

Dr. Chenming Hu accepted the Lifetime Achievement award.
Navy Color Guards grace the opening ceremony

Dinner violin trio performed by Gothard Sisters

Acknowledge the success of 2010 AAEYOY to the NY Chapter Dr. Jun-Min Liu

Over 700 guests celebrated the 2011 AAEYOY banquet

Dr. James Lee hosts the VIP Reception - introducing & calling Awardees

2011 AAEYOY staff photo with Lifetime Achievement award recipient Dr. Chenming Hu
VIP Reception Registration

Dr. Gina Li and Angelina Huang in VIP Reception

Food decorations in the VIP Reception

Look good and taste terrific!

Dr. Kai Wang welcome Award recipients during the Awardees Reception

Award Recipients group photo during the Awardees Reception
Sunset view on the 76th floor of Columbia Tower during the Awardees Reception

City view during the Awardees Reception