

2014 International Technology Symposium “Smarter Data, Smarter Energy, Smarter People”

Symposium Chairs: Dr. Reno Wang, Simon Chang, Arnold Zhang

The International Technology Symposium was held in conjunction with the CIE/USA-DFW 25th Anniversary Annual Convention on Saturday, August 16 from 1:00 pm to 5:30 pm at Renaissance Richardson Hotel. The symposium attracted more than 350 young professional and professional attendances.

The theme of the symposium is “Smarter Data, Smarter Energy, Smarter People”. CIE/USA-DFW is proud and delighted to invite three high-profile speakers to present at the keynote session of the symposium. The keynote speakers are David Lu, VP of Business Network & Corporate Solution IT at AT&T, Dr. Ming-Whei Feng, VP & Director General, Smart Network System Institute (SNSI) at Institute for Information Industry in Taiwan, and Jen-Ming Hsu, General Manager of Taiwan Power Research Institute at Taiwan Power Company.

The keynote was followed by three parallel sessions. The “Smart Energy” session featured talks from four highly respected engineering leaders from Oncor, Texas Instruments, The Electric Reliability Council of Texas (ERCOT), and the Midcontinent Independent System Operator (MISO). The talks discussed the emerging smart grid and energy source innovations, and how the smart grid is re-defining the landscape and operation of leading utility, semiconductor, and system operator companies as well as government policy.

The “Smart Data” session featured talks from three industry experts/technology leaders from Texas Instruments, Cisco, Deloitte, and a distinguished professor from Taiwan National Cheng Kung University. The talks discussed why “Big Data” and “Internet of Things” are relevant to people’s daily life, and how the smart data and its technologies are shaping the strategic directions of many major corporations across industries such as telecommunication, IT, semiconductor, transportation, utility, healthcare, and retail.

The “Leadership and Career Development” session featured four outstanding and energetic speakers, including senior technology directors from Alcatel-Lucent, Texas Instruments, and AT&T, as well as a psychology expert with his own practice. These speakers shared their experiences and perspectives on how to build important soft skills in order to excel and be successful in his or her future career. After the presentations, an admission officer from Southern Methodist University (SMU) joined the four speakers in a panel discussion to help students prepare for a successful college experience and continue with a more interactive discussion on leadership and professional development.



Symposium Chair Dr. Reno Wang, Sr. Operations Research at Sabre Airline Solutions



MC of keynote session Dr. Claire Jung, CQE Manager at Texas Instruments

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David Lu, VP of Business Network & Corporate Solution IT at AT&T, Director of Digital Life Support Center of AT&T, presented “Innovation Drives Tomorrow”



Dr. Ming-Whei Feng, VP & Director General, Smart Network System Institute (SNSI) at Institute for Information Industry in Taiwan presented “IoT Integration and Applications”



Jen-Ming Hsu, General Manager of Taiwan Power Research Institute at Taiwan Power Company presented “Facing Challenges, Taipower Needs Smart Strategies”



More than 250 people attended the keynote session



Group picture of the keynote session. *From left to right:* Dr. Reno Wang, Dr. Chinpei Tang, Jen-Ming Hsu, Dr. Ming-Whei Feng, David Lu, Dr. Yu Meng, Dr. Claire Jung



MC of Smart Data Session, Charles Fernandez, Senior Manager of Lockheed Martin

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Paul Emerson, General Manager of Kilby Labs at Texas Instruments presented on “Sensor Systems Create Smarter Data”



Dr. Vincent S. Tseng, Distinguished Professor at Taiwan National Cheng Kung University presented on “Health Risk Prediction via Mining Big Health Data”



Gregory P. Tevis, Principal Strategy at Deloitte Consulting presented on “Big Data and Application Areas”



Doug Starr, Consulting Systems Architect at Cisco presented on “Connecting the Internet of Things”



Group picture of the “Smart Data” session. *From left to right:* Charles Fernandez, Paul Emerson, Doug Starr, Dr. Vincent Tseng, Gregory Tevis, Dr. Chinpei Tang



Attentive audience in the “Smart Data” Session

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MC of the “Smart Energy” session, Dr. Wei-Jen Lee, Professor of Electrical Engineering at UT Arlington



Joe Wolf, T&D Manager at Oncor presented on “Oncor’s SmartGrid Journey”



Markus Staebelin, General Manager at Texas Instruments, presented on “Semiconductor Technologies Driving Smart Grid Innovation”



Dr. Fred Huang, supervisor of Dynamic Studies Group at The Electric Reliability Council of Texas (ERCOT), presented on “Wind Generation Development in ERCOT”



Rao Konidena, Senior Manager at Midcontinent Independent System Operator (MISO), presented on “Transmission Planning Value from Midcontinent Independent System Operator (MISO) Process”



Group picture of “Smart Energy” session. *From left to right:* TC Tsai, Dr. Yu Meng, Rao Konidena, Grace Tyler, Mark Carpenter, Jen-Ming Hsu, Dr. Wei-Jen Lee, Markus Staebelin, Dr. Fred Huang

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Attentive audience at the “Smart Energy” session



MC of “Leadership and Career Development” session,
Alex Zhang



Praful Madhani, Director of Analog Technology Development/Infrastructure at Texas Instruments, presented on “Building Mentor-Mentee Relationships: Roles and Responsibilities”



Dr. Patrick M. Martin of Professional Psychological Solutions, PLLC presented on “Leadership in the Workplace”



Elaine Kung, Product Marketing Director (Fiber to the Building) at AT&T, presented on “Investing in Networks of Relationships”



Dr. Kamakshi Sridhar, Director of Wireless CTO office at Alcatel-Lucent, presented on “Role of the Educational Counselor”

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Abby Chu, Senior Admission Counselor at Southern Methodist University (SMU), panelist of the panel discussion



Panel discussion at the “Leadership and Career Development” session. *From left to right:* Dr. Patrick M. Martin, Dr. Kamakshi Sridhar, Praful Madhani, Abby Chu, Elaine Kung



Group picture of the “Leadership and Career Development” session



Registration for the symposium



Oncor Electric Delivery Company booth at the symposium



Texas Instruments DLP booth at the symposium

2014 CIE/USA-DFW Convention VIP Reception

Chairs: MARRISA YANG and WEN-SHIN WANG

The VIP Reception was held in conjunction with the CIE/USA-DFW 25th Anniversary Annual Convention on Saturday, August 16 from 5:30 pm to 6:30 pm at Renaissance Richardson Hotel. The reception attracted more than 150 representatives from local government, businesses, and universities. The reception was emceed and co-chaired by Wen-Shin Wang of Texas Instruments, and co-chaired by MARRISA YANG of Oncor. Speeches were given by Dean Khosrow Behbehani of UT Arlington College of Engineering and Texas State Representative Angie Chen Button. CIE/USA-DFW was praised for its contributions in promoting STEM awareness and improving the local economy.

Fifteen distinguished guests were recognized at the reception, including Tennell Atkins, Mayor Pro Tem of Dallas, Texas Representative Angie Chen Button, Patricia Liu, Assistant to Director at Science & Technology Division/TECO in Houston, Dr. Ming-Whei Feng, VP and Director General of Smart Network System Institute, Institute for Information Industry in Taiwan, Jen-Ming Hsu, General Manager of Taiwan Power Research Institute, Taiwan Power Company, Dr. Vincent S. Tseng, Distinguished Professor of Computer Science and Information Engineering at National Cheng Kung University, Taiwan, Bob Shapard, CEO and Chairman at Oncor, Mark Carpenter, Sr VP T&D System Operations and Measurement Services, Cecelia Smith, VP and General Manager of TI Mixed Signal Automotive, Trisha Cunningham, Chief Citizenship Officer at Texas Instruments, David H. Lu, VP of Business Network & Corporate Solution IT at AT&T, Whitney Wolf, VP of Human Resource at AT&T, David Partido, Diversity and Outreach Lead at Lockheed Martin, Dr. Khosrow Behbehani, Dean of College of Engineering at UT Arlington, Dr. Nai Yuen Chen, Distinguished Research Professor of Department of Materials Science & Engineering at UT Arlington.



Ms. Wen-Shin Wang, VIP Reception chair and emcee



Dean Khosrow Behbehani of UT Arlington College of Engineering



Texas state representative Angie Chen Button



Fifteen distinguished guests recognized at the VIP reception

2014 CIE/USA-DFW Convention Evening Ceremony

Chairs: Simon Chang and Edward Yu

The CIE/USA-DFW celebrated its 25th anniversary at its evening ceremony of the annual convention at Renaissance Richardson Hotel on August 16, 2014 from 6:30 pm to 9:00 pm. More than 450 representatives from local government, corporations, universities, local/community organizations and alumni associations attended the evening ceremony. Ten cities in the DFW area, including Addison, Allen, Carrollton, Dallas, Fort Worth, Frisco, Garland, Lewisville, McKinney, Plano and Richardson, proclaimed the convention day as the CIE Day in appreciation of the contributions 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.

During the dinner banquet, the convention chair, Simon Chang of Texas Instruments, first presented an opening remark welcoming the attendance of the evening ceremony. It then followed by the dinner session, accompanied by orchestra performance by Dallas Asian American Youth Orchestra (DAAYO), dance performance by Young Achiever Award (YAA) recipient Heather Xiao, and piano performance by another YAA recipient Kevin Wei. After the performance, Dr. Chinpei Tang presented the annual report in the presidential speech.

Robert S. Shapard, Chairman and Chief Executive Officers of Oncor Electric Delivery, was then invited to deliver the dinner keynote speech. He was introduced by Mark Carpenter, senior vice president of T&D Operations of Oncor Electric Delivery. Mr. Shapard first described the journey of his energy career. He then described the current condition Oncor and energy business in Texas and the challenges in general, especially being able to reduce pollution but economically produce sufficient energy supply to the ever increasing demand. He also presented some of the contributions by Oncor in using wind and microgrid technology in addressing some of the challenges. He projected that electric car will be an important future trend, and encourage the public to effectively utilize the limited energy source in daily life.

During the award recognition session, Texas Instruments and Oncor were awarded the Outstanding Community Service Award. The Chairman of the Board, Dr. Yu Meng, and the president, Dr. Chinpei Tang, presented the award to Cecelia Smith, vice president and general manager of Texas Instruments' Mixed Signal Automotive Business Unit; and Robert S. Shapard, Chairman and Chief Executive Officers of Oncor Electric Delivery. The mayor of city of Richardson also presented 3 distinguished community service awards to Whitney Wolf, VP of Human Resource of AT&T, Mark Carpenter, senior vice president of T&D Operations of Oncor Electric Delivery and Dr. Faa-Ching Wang, founder of CIE/USA-DFW. The 18 award recipients of the prestigious Young Achiever Award (YAA) were awarded the trophies and scholarships during the banquet by Executive VP, Dr. Xinfen Chen of Texas Instruments, and VP of Youth Programs, Dr. Pinghai Hao of Texas Instruments.

A cake cutting ceremony was held to celebrate the important 25th year milestone reached by the organization. A video show-casing the organization's development and milestones reached since 1989 was presented on the large screens. The founder of the organization, Dr. Faa-Ching Wang, presented a motivating speech encouraging the future leader to stay on course and continue to do what the organization does best. Then, all the past presidents were then invited to the stage to be recognized and collectively cutting the anniversary cake. The banquet concluded with the 2015 CIE/USA-DFW board and officer election results presented by Chairman of the Board, Dr. Yu Meng.

The emcee of the dinner banquet was Arnold Zhang of Oncor. The event was supported by more than 80 tireless volunteers. It was proudly sponsored by Science and Technology Division of Taipei Economic and Cultural Office (TECO) in Houston, Texas Instruments, Oncor, AT&T, Deloitte, IBM, Lockheed Martin, Rockwell Collins, Raytheon, ATCG Solutions, Comerica Bank, University of Texas at Arlington, University of Texas at Dallas, Southern Methodist University, Dave Tyler Photography, HsinChu Science Park, and Cindi's New York Delicatessen.

2014 CIE/USA-DFW Convention Evening Ceremony



Convention Chair, Simon Chang of Texas Instruments



MC of the evening ceremony, Arnold Zhang of Oncor



More than 450 people attended the evening ceremony



Orchestra performance by Dallas Asian American Youth Orchestra (DAAYO)



Dance performance by YAA recipient Heather Xiao



Piano performance by another YAA recipient Kevin Wei



Dr. Chinpei Tang presented the annual report in the presidential speech



Mark Carpenter, SVP T&D Operations of Oncor Electric Delivery introduced the keynote speaker

2014 CIE/USA-DFW Convention Evening Ceremony



They dinner keynote speaker Robert S. Shapard, Chairman and CEO of Oncor Electric Delivery



Robert S. Shapard received recognition plaque after the keynote speech



Honorable mayor of city of Richardson, Laura Maczka



Honorable Mayor Maczka recognizing Dr. Faa-Ching Wang



Honorable Mayor Maczka recognizing Whitney Wolf



Honorable Mayor Maczka recognizing Mark Carpenter



Cecelia Smith of Texas Instruments receiving Outstanding Community Service Award



Robert Shapard of Oncor receiving Outstanding Community Service Award

2014 CIE/USA-DFW Convention Evening Ceremony



Dr. Pinghai Hao, VP of Youth Programs, kicking off the Young Achiever Award presentation



Dr. Xinfen Chen, Executive VP, recognizing the Young Achiever Award recipients



Cecelia Smith of Texas Instruments with Young Achiever Award recipients



Robert Shapard of Oncor with Young Achiever Award recipients



David Partido of Lockheed Martin with Young Achiever Award recipients



Dr. Faa-Ching Wang, founder of CIE/USA-DFW



Cake cutting ceremony by CIE/USA-DFW past presidents



CIE/USA-DFW 2015 officer and board member team

2014 Executive Energy Forum

Chair: Dr. Qing Zhao

The Energy Executive Forum was held in conjunction with the CIE/USA-DFW 25th Anniversary Annual Convention on Sunday, August 17 from 9 am to 12 pm at Renaissance Richardson Hotel. The goal of the forum is to provide a platform for professionals in energy field to discuss the emerging technology, lesson learned and opportunity. The forum was co-sponsored by UT Arlington and was well attended by about 75 professionals, including Mark Carpenter, Senior VP of Oncor, Dr. Jon Brewon, Chair of Electrical Engineering Department of UT Arlington, and Dr. Wei-Jen Lee, Director of the Energy Systems Research Center at UT Arlington. A breakfast session was held at 7:30 am to promote close interaction and knowledge exchange.

The forum started with welcome remarks by the forum chair Dr. Qing Zhao and CIE/USA-DFW president Dr. Chinpei Tang. It then followed by a brief introduction of Electrical Engineering Department of UT Arlington by Dr. Jon Brewon. Three presentations were then presented by the three high profile speakers. Dr. Wei-Jen Lee then briefly introduced the Energy Systems Research Center at UT Arlington with some exciting research programs. After a short break, Dr. Ming-Whei Feng and Jen-Ming Hsu joined Xiaolin Lu and Mike Blevins in a panel discussion.



Mark Carpenter, Senior VP, T&D System Operations at Oncor Electric Delivery presented on “Building a More Advanced Electrical System”



Xiaolin Lu, Fellow and Director of Smart Grid and Internet of Things R&D Center at Texas Instruments, presented on “Communication Technologies for Smart Grid”



Mike Blevins, retired Chief Operating Officer at Luminant, presented on “Lessons Learned from the Nuclear Power Industry for New Plant Construction”



Panel discussion at the Executive Energy Forum
From left to right: Mike Blevins, Dr. Ming-Whei Feng, Jen-Ming Hsu, Xiaolin Lu, Dr. Qing Zhao

2014 Executive Energy Forum



Panel discussion at the Executive Energy Forum
From left to right: Mike Blevins, Dr. Ming-Whei Feng,
Jen-Ming Hsu, Xiaolin Lu, Dr. Qing Zhao



Dr. Wei-Jen Lee, Professor of Electrical Engineering at
UT Arlington



Group picture with CIE officers. From left to right:
Dr. Qing Zhao, Mark Carpenter, Dr. Chinpei Tang,
Dr. Wei-Jen Lee, Dr. Yu Meng



Group picture with CIE officers. From left to right:
Dr. Qing Zhao, Mark Blevins, Dr. Chinpei Tang,
Dr. Wei-Jen Lee



Group picture with CIE officers. From left to right:
Dr. Qing Zhao, Xiaolin Lu, Dr. Chinpei Tang,
Dr. Wei-Jen Lee



Networking breakfast of the Executive Energy Forum