

Smarter Data Smarter Energy Smarter People

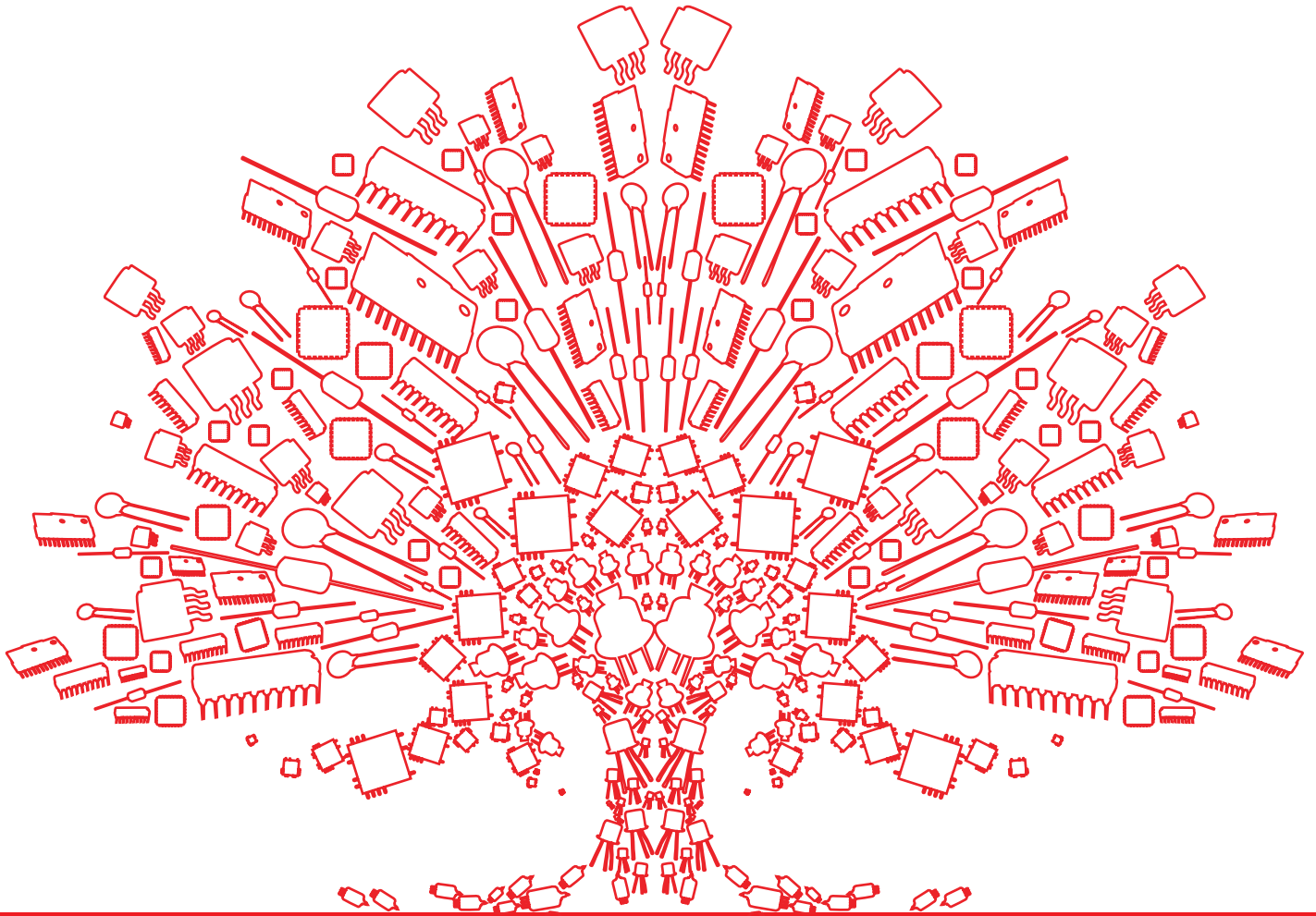
2014 CIE/USA-DFW
25th Anniversary
Annual Convention



August 16, 2014
Renaissance Dallas Richardson Hotel
Richardson, Texas



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Chinese Institute of Engineers/USA Dallas-Fort Worth Area Chapter



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2014 International Technology Symposium Program

August 16th, 2014

Keynote Session

Harmony Ballroom 1, 2, 3

Dr. Reno Wang, Symposium Chair

Moderator: Dr. Claire Jung

- 1:00 – 1:05 PM **Opening Remark**
- 1:05 – 1:35 PM Keynote Speech 1: *“Innovation Drives Tomorrow”*
David H. Lu, Vice President, AT&T
- 1:35 – 2:05 PM Keynote Speech 2: *“IoT Integration and Applications”*
Dr. Ming-Whei Feng, VP & Director General, Institute for Information Industry, Taiwan
- 2:05 – 2:35 PM Keynote Speech 3: *“Facing Challenges, Taipower Needs Smart Strategies”*
Jen-Ming Hsu, General Manager, Taiwan Power Company

Session 1 – Smart Energy

Symphony Ballroom 1

Moderator: Dr. Wei-Jen Lee

- 2:45 – 3:10 PM *“Oncor’s SmartGrid Journey”*
Joe Wolf, T&D Manager, Oncor
- 3:10 – 3:35 PM *“Semiconductor Technologies Driving Smart Grid Innovation”*
Markus Staeblein, General Manager, Texas Instruments
- 3:35 – 4:00 PM *“Wind Generation Development in ERCOT”*
Dr. Fred Huang, Supervisor of Dynamic Studies Group, The Electric Reliability Council of Texas (ERCOT)
- 4:00 – 4:25 PM *“Transmission Planning Value from Midcontinent Independent System Operator (MISO) Process”*
Rao Konidena, Senior Manager, Midcontinent Independent System Operator (MISO)

Session 2 – Smart Data

Symphony Ballroom 2

Moderator: Charles Fernandez

- 2:45 – 3:10 PM *“Sensor Systems Create Smarter Data”*
Paul Emerson, General Manager of Kilby Labs, Texas Instruments
- 3:10 – 3:35 PM *“Health Risk Prediction via Mining Big Health Data”*
Dr. Vincent S. Tseng, Distinguished Professor, Taiwan National Cheng Kung University
- 3:35 – 4:00 PM *“Big Data and Application Areas”*
Gregory P. Tevis, Principal Strategy, Deloitte Consulting
- 4:00 – 4:25 PM *“Connecting the Internet of Things”*
Doug Starr, Consulting Systems Architect, Cisco

2014 International Technology Symposium Program

Session 3 – Leadership & Career Development

Symphony Ballroom 3

Arnold Zhang, Leadership & Career Development Section Chair

Masters of Ceremonies: Marrisa Yang, Alex Zhang

- 2:45 – 3:10 PM *“Building Mentor-Mentee Relationships: Roles and Responsibilities”*
 Praful Madhani, Director, Analog Technology Development / Infrastructure, Texas Instruments
- 3:10 – 3:35 PM *“Leadership in the Workplace”*
 Dr. Patrick M. Martin, Professional Psychological Solutions, PLLC
- 3:35 – 4:00 PM *“Investing in Networks of Relationships”*
 Elaine Kung, Product Marketing Director (Fiber to the Building), AT&T
- 4:00 – 4:25 PM *“Role of the Educational Counselor”*
 Dr. Kamakshi Sridhar, Director of Wireless CTO office, Alcatel-Lucent
- 4:30 – 5:30 PM **Panel Discussion**
 Moderators: Angela Fu, Mark Yang
 Panelists: All above speakers in Session 3, and
 Abby Chu, Senior Admission Counselor, Southern Methodist University (SMU)
 Alison Chapman, Alumni Relations and Admissions, Texas Academy of Mathematics and Science

Energy Executive Forum

August 17th, 2014

Energy Executive Forum Session

Harmony Ballroom 1

- 7:30 – 9:00 AM **Breakfast, Networking and Round Table Discussion**
 By invitation
- 9:00 – 9:15 AM **Opening Remark**
- 9:15 – 9:35 AM *“Building a More Advanced Electrical System”*
 Mark Carpenter, Senior VP, T&D System Operations, Oncor Electric Delivery
- 9:35 – 9:55 AM *“Communication Technologies for Smart Grid”*
 Xiaolin Lu, Fellow and Director of Smart Grid and Internet of Things R&D Center, Texas Instruments
- 9:55 – 10:15 AM *“Nuclear Power Plant”*
 Mike Blevins, retired Chief Operating Officer, Luminant
- 10:15 – 11:40 AM **Panel Discussion**
 Moderated by Dr. Power (Qing) Zhao, Power Transmission Grid Operations, Oncor Electric Delivery
- 11:40 – 12:00 PM **Closing Remark**

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廣告

CIE/USA-DFW 2014 Annual Convention Program

Evening Banquet

Arnold Zhang, Master of Ceremonies

- 5:30 – 6:20 PM** VIP Reception, Banquet Registration and Social hour
- 6:30 – 6:35 PM** Opening remarks
Simon Chang, Convention Chair, CIE/USA-DFW
- 6:35 – 7:15 PM** Dinner
- 6:45 – 7:05 PM** Performances
- 7:05 – 7:15 PM** Special Recognitions
- 7:15 – 7:25 PM** President's Speech
Dr. Chinpei Tang, President, CIE/USA-DFW
- 7:25 – 7:30 PM** Introduction of Keynote Speaker
Mark Carpenter, Senior VP, T&D Operations, Oncor Electric Delivery
- 7:30 – 7:55 PM** Dinner Keynote Address
Robert S. Shapard, Chairman & Chief Executive Officer, Oncor Electric Delivery
- 7:55 – 8:05 PM** Special Recognition Awards
Dr. Yu Meng, Chairman of the Board, CIE/USA-DFW
- 8:05 – 8:40 PM** Young Achiever Awards Presentations
Eric Jiang, Chairperson, Young Achiever Award Committee
Dr. Pinghai Hao, Vice President of Youth Programs, CIE/USA-DFW
Niels Anderskov, Senior VP and General Manager of High Volume Analog and Logic, Texas Instruments
Bob Shapard, Chairman and Chief Executive Officer, Oncor Electric Delivery
David Partido, Diversity and Outreach Lead, Lockheed Martin Aeronautics
- 8:40 – 8:50 PM** 25th Anniversary Celebration
- 8:50 – 9:05 PM** Election Results
Dr. Yu Meng, Chairman of the Board, CIE/USA-DFW
- 9:05 – 9:10 PM** Closing Remarks
Simon Chang, Convention Chair, CIE/USA-DFW

Evening Banquet Keynote Speaker



Robert S. Shapard

**Chairman and Chief
Executive Officer**

Oncor Electric Delivery

Bob Shapard is Chairman and CEO of Oncor and has served in that capacity since 2007.

Oncor is one of the largest electricity transmission and distribution companies in the country, serving over 7 million people in north Texas. Under Shapard's leadership, Oncor is an industry leader in innovation and in the deployment of new technologies to improve the quality of electric service, enable consumers, lower costs and reduce emissions. Oncor has an infrastructure investment program, which is focused on transmission and distribution network expansion and upgrades, including one of the largest deployments of advanced meters in the country, leading a significant expansion of the state's transmission grid and other new digital technologies across the network.

Shapard also serves as the Chairman of GridWise Alliance (GWA). GWA is a leading advocacy organization focused on the advancement of all aspects of the country's electric grid. GWA is comprised of over 100 organizations, including utilities, telecoms, technology, equipment manufacturers, consultants, labs and universities. He also serves as a board member of Leidos Corporation. Leidos is a scientific, engineering, systems integration and technical services company focused on national defense, healthcare and engineering.

Shapard has a wealth of operating, financial and leadership experience from past positions. He rejoined Oncor in late 2005 as a strategic advisor, helping to implement and execute growth and development strategies. Previously, he had served the company for 20 years in various financial and operating leadership roles, finishing as managing director of former subsidiary TXU Australia which owned and operated an electric generation business, a wholesale energy trading business, electric and gas retail businesses, and electric and gas regulated utility businesses based in Melbourne Australia.

Prior to his current tenure at Oncor, he served as chief financial officer of Tenet Healthcare Corporation where he oversaw all financial activities for Tenet and its subsidiaries. Tenet operated one of the largest for profit hospital groups in the US employing over 75,000 people across the country. Prior to this position, he was executive vice president and chief financial officer of Exelon Corporation. Exelon is one the largest electricity generators and utility operators in the US. Before joining Exelon, he was executive vice president and chief financial officer of Covanta Energy Corporation. Shapard joined Covanta to help prepare the company for its bankruptcy filing and to file a plan of reorganization. Prior to that, Shapard was executive vice president and chief financial officer of Ultramar Diamond Shamrock, a leading North American refining and marketing company. At UDS, Shapard led a financial restructuring of the company and other initiatives leading to the company's merger with Valero Energy, which created the nation's second-largest oil refiner.

Shapard is active civically. He is co-chairman of The Dallas Mayor's Youth Fitness Initiative. Shapard is also on the board of the Circle Ten Council of Boy Scouts of America and the Woodall Park Foundation. Shapard is also actively involved with the American Heart Association and was the chairman of the 2012 and 2013 Dallas Heart Walks.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Robert S. Shapard

**Chairman and CEO
Oncor Electric Delivery**

For

**Visionary Leadership in Building
Smarter Energy Delivery Systems**



**CHINESE INSTITUTE OF ENGINEERS/USA
DALLAS-FORT WORTH CHAPTER**

August 16th, 2014

Yu Meng

**Dr. Yu Meng
CHAIRMAN**

Chinpei Tang

**Dr. Chinpei Tang
PRESIDENT**

Symposium Keynote Speaker



David H. Lu

**Vice President of Business
Network & Corporate
Solution IT**

AT&T

Innovation Drives Tomorrow

Abstract

Technology innovation has shaped human history over thousands of years, but with even more accelerated pace in the last two decades. As we embrace many challenges of the world tomorrow, it is essential to realize what technology innovation can do to change the course of our lives. Information technology, bio-engineering, energy, and other innovations will present unprecedented opportunities for engineers, researchers, and entrepreneurs. The talk will present the author's view on how technology innovation can charter the course of tomorrow and specifically, the role of big data and data analytics for the world we live in today and future.

Bio

David is currently the Vice President of Business Network & Corporate Solution IT, responsible for Global Service Assurance, Network Capacity Management, Field Operation Dispatching, and Business Billing Solutions at AT&T. He leads an organization with over 3,000 people across the globe.

David is an well respected leader in software architecture and engineering, network performance and traffic management, large data DB implementation/mining/analytics, software reliability and quality, and network operations process engineering.

Since joining AT&T Bell Labs in 1987, he served in various lead positions at AT&T. He holds 26 patents and has frequently appeared as a guest speaker at technical and leadership seminars and conferences throughout the world.

David's interest include classical music (performs and teaches cello), history, traveling, arts, and table tennis. He was born in Shanghai, China, and is married with two children, and currently lives in Dallas, Texas.

About AT&T

AT&T Inc. (NYSE:T) is a premier communications holding company and one of the most honored companies in the world. Its subsidiaries and affiliates – AT&T operating companies – are the providers of AT&T services in the United States and internationally. With a powerful array of network resources that includes the nation's most reliable 4G LTE network, AT&T is a leading provider of wireless, Wi-Fi, high speed Internet, voice and cloud-based services. A leader in mobile Internet, AT&T also offers the best global wireless coverage, based on offering roaming in more countries than any other U.S. based carrier, and offers the most wireless phones that work in the most countries. It also offers advanced TV service with the AT&T U-verse® brand. The company's suite of IP-based business communications services is one of the most advanced in the world.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

David H. Lu

**VP of Business Network & Corporate Solution IT
AT&T**

For

**Outstanding Leadership in Business Network
and Corporate IT Solution**



**CHINESE INSTITUTE OF ENGINEERS/USA
DALLAS-FORT WORTH CHAPTER**

August 16th, 2014

Yu Meng

**Dr. Yu Meng
CHAIRMAN**

Chinpei Tang

**Dr. Chinpei Tang
PRESIDENT**

Symposium Keynote Speaker

IoT Integration and Applications



Dr. Ming-Whei Feng

**Vice President and
Director General
Smart Network System
Institute (SNSI)**

**Institute for Information
Industry (III), Taiwan**

Abstract

III (Institute for Information Industry) has been devoted over the years to the research and development in the field of IoT (Internet of Things), ranging from sensors/actuators, communication network, data analytics, applications as well as services. In addition, several technologies and solutions have been received the R&D 100 Awards, like CraneAbide, In-Snergy, BestLink, and RFID-mf. Our goal is to assist Taiwan ICT companies to develop competitive IoT technologies and solutions, and to carry out IoT trials in Taiwan, followed by worldwide deployments. From various test beds and clients, the data we collect is being analyzed and being fed to the engines. So data can further become useful decisions or events. Different needs of services are discovered and designed to be used in different scenarios, such as smart transportation, communication network, and smart energy.

In smart energy area, over the past years we have developed competitive solutions from infrastructure such as AMI (Advanced Metering Infrastructure) to applications like InSnergy EMS (Energy Management System) and SAVE ADR (Automated Demand Response) platform. III has solid experiences and references on AMI, the foundation of Smart Grid system. Our AMI partners also successfully penetrate overseas market using our technology. In order to cope with peak load and energy shortage, Demand Response is an effective program for load management and reliability enhancement of power grid. III's SAVE ADR server is Asia's second certified product by OpenADR Alliance. Furthermore, our In-Snergy, a cloud-based energy management system can be used both at homes and enterprise settings. We are confident with our big data capability. Over 1.3 billion pieces of data in the platform and it continues to grow every day.

Bio

Dr. Ming-Whei Feng has more than 25 years of professional experience in the research and development of information systems, communications, signal processing, and smart energy system technologies. Throughout her career, she has collaborated with industrial, academic, and research organizations centering on applying state-of-the-art information and communication (ICT) technologies to provide high value added services or solutions. She has demonstrated various successful cross domain collaboration cases, where she teamed up non-ICT technology providers with ICT technology providers to develop and deploy high value added smart energy and smart building systems or solutions.

Dr. Feng received her B. S. degree from National Chiao-Tung University in 1984. She received her M.S.E.E. and Ph.D. degrees from Northeastern Universities in 1986 and 1989, individually. Since 1987, she worked at BBN Systems and Technologies from 1987 to 1989 in the area of speech recognition and speaker adaptation. Dr. Feng worked at Southeastern Bell Technology Resources Inc. and GTE Laboratories from 1989-1996 in the area of automated telecom services and video services. Dr. Feng joined U.S. Robotics (acquired by 3Com) from 1996-1997 in the area of high density modems and VOIP systems.

Since 1998, Dr. Feng joined Institute for Information Industry working in network and communications, embedded systems, information and communication policy planning, international technology collaboration. Dr. Feng is currently responsible for the Smart Network System Institute (SNSI). She is in charge of research and development of energy information and communication infrastructure and applications, smart energy management and service platform, energy information analytics, hybrid sensor network system, telematics infrastructure and application systems, and broadband network and application systems.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Dr. Ming-Whei Feng

**VP & Director General, Smart Network System
Institute (SNSI), Institute for Information Industry,
Taiwan**

For

**Outstanding Leadership in Internet-of-Things
Integration and Applications**



**CHINESE INSTITUTE OF ENGINEERS/USA
DALLAS-FORT WORTH CHAPTER**

August 16th, 2014

Yu Meng

**Dr. Yu Meng
CHAIRMAN**

Chinpei Tang

**Dr. Chinpei Tang
PRESIDENT**

Symposium Keynote Speaker

Facing Challenges, Taipower Needs Smart Strategies



Jen-Ming Hsu

**General Manager of
Taiwan Power Research
Institute**

Taiwan Power Company

Abstract

The keynote will provide an overview on the current status of energy demand and supply (especially electricity) in Taiwan, the critical role of Taipower and its operating condition in the recent years, the major challenges facing Taipower currently, and the possible strategies Taipower may consider. In his talk, the issues such as energy related national policies, public opinion on nuclear energy and electricity price, and application of smart-grid technologies, etc. will also be mentioned.

Bio

Jen-Ming is currently the General Manager of Taiwan Power Research Institute, the R&D division of Taiwan Power Company (Taipower). In this role, he focuses on exploration of potential challenges facing Taipower, allocation of R&D resources available to the company, and supervision of the solutions development in response to the challenges.

Jen-Ming has been an employee of Taiwan Power Company for over 39 years. He has experience in planning of individual power plant development project, integrated power generation system expansion program, and R&D program for electric power utility company.

Jen-Ming is currently also a member of MOEA Industrial Development Advisory Council, Taiwan Electrical Contractors Association Board of Directors, and Nuclear Science & Technology Association Board of Directors.

Jen-Ming holds a M.S. degree from AIT (Asian Institute of Technology). He is married, with one daughter, and resides in Taipei, Taiwan.

About Taiwan Power Company

The sole vertically integrated electric power utility company in Taiwan, about 97% owned by the central government, with headquarters in Taipei, Taiwan. Taipower has been in charge of supplying necessary electricity to all customers of the whole country since it was founded in 1946. In the year of 2012, Taipower served totally 201,945GWh electricity with peak load of 33,957MW to its 13.2 million customers. However, several events occurred in the past few years have great impacts upon Taipower's operation today. And very likely these impacts will last quite a long time in the future.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Jen-Ming Hsu

**General Manager, Taiwan Power Research Institute,
Taiwan Power Company**

For

**Outstanding Leadership in Power Research
and Development**



CHINESE INSTITUTE OF ENGINEERS/USA

DALLAS-FORT WORTH CHAPTER

August 16th, 2014

Yu Meng

**Dr. Yu Meng
CHAIRMAN**

Chinpei Tang

**Dr. Chinpei Tang
PRESIDENT**

Symposium Speakers – Smart Energy

Oncor's SmartGrid Journey



Joe Wolf

**DMS
Manager**

Oncor

Joe Wolf is T & D Services Manager at Oncor. He is responsible for the Smart Grid Distribution Management System which includes Mobile Workforce Management, Outage Management, Distribution SCADA, and Distribution Network Analysis. Joe has 34 years at Oncor with 20 of those years associated with operating, supervising, and managing Oncor's Distribution Operating Centers. Joe was part of a cross-functional team who successfully integrated power grid, outage management, supervisory controls, data acquisition, advanced metering infrastructure and Big Data services.

Abstract:

Smart Grid builds on many technologies already used by electric utilities but adds communication control and analytic capabilities that will optimize the operation of the entire electrical grid. Smart Grid is also positioned to take advantage of new energy technologies, such as plug-in hybrid electric vehicles, various forms of distributed generation, solar energy, wind energy, advanced metering, lighting management systems, distribution automation, and micro grid storage. This presentation will narrate Oncor's journey in building the smart grid foundation and answer the most asked questions including the market drivers of the technologies, advances of the technologies, the benefits for end-use consumers, and new business and job opportunities.

Semiconductor Technologies Driving Smart Grid Innovation



Markus Staeblein

**General Manager of Smart
Grid Business Unit**

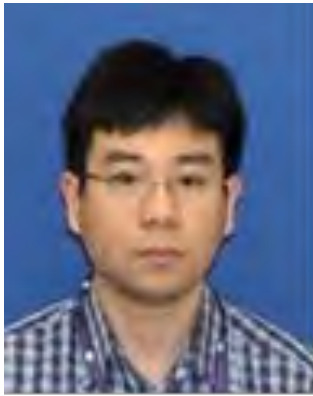
Texas Instruments

Markus Staeblein is the general manager of Smart Grid for Texas Instruments' where he is responsible for developing smarter grid solutions through innovative semiconductor products, leading edge software and compliant integrated system solutions. Staeblein has more than 15 years of semiconductor experience, specifically in the automotive, industrial and smart energy sectors. Prior to TI, Staeblein was a product manager for servo inverters at INDA GmbH, sales manager at Lenze GmbH & CoKG and completed his apprenticeship at German utility company, Stadtwerke Mainz AG.

Abstract:

A smart grid can be described as an intelligent electricity transmission and distribution network incorporating measuring, monitoring/analyzing and real time feedback from the energy generation all the way to a load in a home or building. The realization of the smart grid has required changes of key components like substations, meters and home/building management. New silicon developments have enabled more accurate energy measurement for billing, quality monitoring, load analysis and fault detection. Wired and wireless communication technologies have revolutionized the way utilities manage their power substations / electricity meters and end-user connecting their electrical devices to have for the first time full control of their energy usage.

Symposium Speakers – Smart Energy



Dr. Fred Huang

**Supervisor of Dynamic
Studies Group**

**The Electric Reliability
Council of Texas
(ERCOT Inc.)**

Wind Generation Development in ERCOT

Dr. Shun-Hsien (Fred) Huang received the B.S. and M.S. degrees from Tatung University, Taipei, Taiwan and the Ph.D. degree in Electrical Engineering specializing in Power Systems from University of Texas at Arlington in 1997, 1999 and 2006, respectively. He was a teaching lecturer in Tatung University, Taiwan, from 2001-2003. Since 2006, he has been at the Electric Reliability Council of Texas (ERCOT Inc.). He is currently the supervisor of Dynamic Studies group of ERCOT system planning department.

Abstract:

There are 11 GW wind generation capacity currently connected to the ERCOT grid, and the total wind generation capacity connected to ERCOT is projected to exceed 18 GW in 2017. Wind resources are generally located in the area that can be remote from synchronous generators and load centers. This presentation will discuss the challenges and experience to integrate large amount of wind generation in the ERCOT grid.

Transmission Planning Value from Midcontinent Independent System Operator (MISO) Process



Rao Konidena

**Senior Manager,
Transmission Asset
Management**

**Midcontinent Independent
System Operator (MISO)**

Rao Konidena is a graduate of Energy Systems Research Center, M.S.E.E. Spring 2012. In his role as Senior Manager at MISO in Eagan, Minnesota, he coordinates compliance activities and business management, budgets, and process management for Transmission Asset Management. His area is also responsible for overall development of the MISO Transmission Expansion Plan Report. Rao has also completed an Executive MBA from University of Minnesota's Carlson School of Management.

Rao's primary interests lie in energy storage, demand response and energy efficiency (i.e. clean technology options), specifically around the role they play in wholesale grid-scale energy and ancillary market applications. He approaches this interest with "process" framework.

Abstract:

MISO's Transmission Expansion Planning (MTEP) process incorporates reliability, economic and policy objectives. This "value based planning" is centered on minimizing the cost to the end users. Effective planning for transmission and generation needs must balance system reliability, market efficiency, and state and federal energy policies. MISO Transmission Expansion Plan (MTEP) identifies issues and opportunities, develops alternatives for consideration, and evaluates those options to determine effective transmission solutions. Find out more about how MISO is approaching this value based planning, and what this means to you.

Symposium Speakers – Smart Data



Paul Emerson
**General Manager of Kilby
Labs**
Texas Instruments

Sensor Systems Create Smarter Data

Paul Emerson is currently the general manager of Kilby Labs Dallas which is a part of Texas Instruments CTO organization. Prior to managing the lab, Paul spent three years managing HVAL's (High Volume Analog and Logic) New Business Proving Grounds where he led a team focused on new business and technology development. Paul's career at TI started in 1996 and he has served as analog design engineer, engineering manager, product line manager and business unit manager all for the Storage Products Group (SPG). Paul was elected to the TI Technical ladder in 1999 and promoted to Senior Member, Technical Staff in 2003. He is the inventor or co-inventor of nine patents in HDD (Hard Disk Drive) read/write preamplifier circuit design. Prior to joining TI Paul worked as an analog design engineer at Hughes Aircraft Company in El Segundo, California.

Abstract:

Sensors have become a critical part of how we work, live, and play. This presentation will focus on how sensors have changed our lives as well as a vision for how they will enable further advancements benefiting people, industries, and societies. New transducers, low power signal processing, energy harvesting, and communications will enable new sensor systems in the future to provide smarter data with very low energy consumption. Smart sensors and "big data" will work together to unlock the full potential of these new technologies.

Health Risk Prediction via Mining Big Health Data



Dr. Vincent S. Tseng
Distinguished Professor
**National Cheng Kung
University, Taiwan**

Dr. Vincent S. Tseng is a Distinguished Professor at Department of Computer Science and Information Engineering in National Cheng Kung University (NCKU), Taiwan. Currently he also serves as the chair for IEEE CIS Tainan Chapter. He served as the president of Taiwanese Association for Artificial Intelligence during 2011-2012 and the director for Institute of Medical Informatics of NCKU during 2008-2011. He has published more than 280 research papers in referred journals/conferences as well as 15 patents in the field of data mining and big data. He has been on the editorial board of a number of journals including *IEEE Transactions on Knowledge and Data Engineering*, *IEEE Journal on Biomedical and Health Informatics*, *ACM Transactions on Knowledge Discovery from Data*, etc.

Abstract:

Health Risk Assessment (HRA) is an important topic in healthcare domains. Modeling and prediction of health risks using data mining techniques open a new door to effective and automatic *HRA*. This talk presents our recent developments in modeling and prediction of health risks on chronic diseases via mining big health data that include composite data sources like personal health records, life style and even environmental information. Experimental results on real datasets concerning various chronic diseases and the implemented systems will be illustrated to show the promising potential of big data mining for *HRA*. Some experiences and insights gained from large-scale healthcare projects will also be investigated.

Symposium Speakers – Smart Data



Gregory P. Tevis

Principal

Deloitte Consulting

Big Data and Application Areas

Gregory P. Tevis is a Principal in Deloitte's Strategy and Operations practice. His focus is in corporate and competitive strategy within Technology, Media and Telecommunications, advising executive teams on identification and execution of organic / inorganic growth strategies. Prior to consulting, Greg was a telecommunications network engineer, designing and selling data network solutions for Fortune 100 companies. His educational background includes a BE, with a double major in Biomedical and Electrical Engineering, and an MBA, with a concentration in Strategy.

Abstract:

Big data is on the radar screen of most executive teams today but there lacks a linkage between understanding the space and how a company might feasibly use their data effectively to improve internal operations or monetize externally. This presentation will provide an overview of the big data space, the application areas people are making money today and what creates the value of specific data elements.



Doug Starr

Consulting Systems Architect

**Cisco Systems, Worldwide
Sales Group**

Connecting the Internet of Things

Doug Starr, Consulting Systems Architect, works at Cisco Systems, Inc. on the Enterprise Networking Architecture team. These solutions include routing, switching, mobility, and IoT line of ruggedized products for several vertical markets such as Energy, Transportation, Oil&Gas and Manufacturing. Over the years he has supported the Channel Partners, Systems Integrators and Service Provider market segments. Prior to Cisco Doug was a Product Manager and Senior Engineer with Ericsson Inc. supporting IP and mobile connected transport and optical systems.

Abstract:

The Internet of Things is the intelligent connectivity of physical devices driving massive gains in efficiency, business growth, and quality of life. By connecting everyday objects and networking them together, we benefit from their ability to combine simple data to produce usable intelligence. IoT is the result of a long line of technology and business transitions that have been taking place over the past several years. Sensors and Devices: billions of previously unconnected objects are becoming connected, forming a network of sensors and other devices. While each of these "things" generate data, the fact that they are networked together enables that data to be combined with other data points to produce usable intelligence. In addition, organizations are looking for greater linkages to drive business processes and business outcomes

Symposium Speakers – Leadership & Career Development



Praful Madhani

**Director
Analog Technology
Infrastructure**

Texas Instruments

Building Mentor-Mentee Relationships: Roles and Responsibilities

Praful Madhani is a graduate of University of Arizona with a MSEE degree. He has held various field and engineer management positions in Analog Technology Development (ATD) at Texas Instruments. These include Process Integration, Device Characterization, Spice Modeling, ESD, and Technology platform management.

Abstract:

Mentoring is an equal partnership. It is a two way learning experience. When you agreed to participate in a Mentoring Program, you agreed to take on a challenge. A challenge to be fully committed to this mentoring relationship to ensure the relationship is a productive one. Mentees should encourage their mentors to give specific feedback and should not take criticisms personally.



Dr. Patrick M. Martin

**Professional Psychological
Solutions, PLLC**

Leadership in the Workplace

Patrick M. Martin is co-owner and practitioner at Professional Psychological Solutions, PLLC in Plano, Texas. He has a Bachelor's degree in Psychology, a Master's degree in Management and Business, and a Ph.D. in Psychology. He and his wife, Dr. Sylvia G. Garza, specialize in the educational aspects of teaching and learning. Through their company they offer student assessments, student advocacy and student planning for effective educational outcomes.

It was during the early portion of his educational career that he also discovered a lack of understanding regarding leadership. Dr. Martin's training and understanding of the role of leadership in both educational and work settings comes from 54 years of work experience, education and training. In addition to his academic training he has received extensive training from the USAF Officer's Training School, the USAF Squadron Officer's School, and the USAF Air Command and Staff College. He has been President of two different HOAs, Grand Knight of the Knights of Columbus (Council #13044), President of the Irving Local of the Association of Texas Professional Educators (ATPE) and President of two different Parent/Teacher Associations.

Dr. Martin is also a well- respected public speaker having delivered over 20 major presentations in Texas over the last 10 years.

Abstract:

Dr. Martin will be covering "Leadership in the Workplace". He will explore leadership, definitions of leadership, and common misinterpretations of leadership. This will be presented in the context of working within a team environment.

Symposium Speakers – Leadership & Career Development



Elaine Kung

**Product Marketing
Director (Fiber to the
Building)**

AT&T

Investing in Networks of Relationships

Elaine Kung's career at AT&T spans 29 years, from technical R&D at Bell Labs and business and marketing in a wide range of telecom products and services to service delivery and operations. She has achieved several millions of dollars in revenues and delivered significant profitability initiatives. She has been elected numerous times to AT&T's high-potential programs and received AT&T-sponsored executive education training at Columbia, Cornell and Wharton. Elaine graduated from Cornell with B.S. in Electrical/Materials Science Engineering, from Princeton with M.S. in Electrical Engineering. Elaine also holds many leadership roles in giving back to the community, at her church, at Cornell and Princeton, at UT Dallas.

Elaine has been married to Dominic since 1986. AT&T relocated them from NJ to Dallas in 2013. They have two grown children, working in NYC and San Diego.

Abstract:

There is a human element to business and the workplace. Taking consideration of the process of how employees interact and work together will add to the bottom line, bigger picture impact, and sense of meaning employees and customers experience when they function well, beyond what industrial efficiency can do alone.



Dr. Kamakshi Sridhar

**Director
Wireless CTO office**

Alcatel-Lucent

Role of the Educational Counselor

Dr. Kamakshi Sridhar is a Director in the Wireless CTO office in Alcatel-Lucent where she works on 4G strategy and solutions. She has over 17 years of experience in telecom during which she has held research and management positions in Alcatel-Lucent Bell Labs and Nortel Networks. Dr. Sridhar received her S.M. and Ph.D. degrees in Electrical Engineering and Computer Science from Massachusetts Institute of Technology in 1991 and 1995 respectively. She is a Distinguished Member of Technical Staff and a member of Alcatel-Lucent Technical Academy. She is an Educational Counselor at MIT and also an Adjunct Faculty member at Southern Methodist University in Dallas.

Abstract:

This talk will address Dr. Kamakshi Sridhar's perspectives as an Educational Counselor in the Dallas-Fort Worth area. The role of the Educational Counselor (EC) at MIT combines three tasks as a part of the admissions process: Recruiting, Interviewing, and Acting as a community resource. In this talk, she will share insights into the educational experience at MIT and describe the purpose and broader impact of the Educational Counselor's role in the undergraduate admissions process.

Symposium Speakers – Leadership & Career Development

Navigating Selective College Admission



Abby Chu

**Senior Admission Counselor
First-Year & Transfer
Undergraduate Admission**

SMU

Abby Chu is a graduate of Northwestern University with a B.A. in Psychology with a concentration in Cognition & Neuroscience and a minor in the Business Institutions Program. Prior to Northwestern she attended and graduated from Plano Senior High School; this first-hand experience has provided her with keen insight into the Plano ISD curriculum as well as an understanding of the DFW Asian community. She is currently serving as a Senior Admission Counselor at SMU, and works with local schools including Plano Senior High School, Texas Academy of Math & Science (TAMS), and John Paul II High School.

Abstract:

Earning admission at prestigious colleges and universities now involves a complicated fusion of rigorous academics, dedication to extracurricular activities and leadership opportunities, and a compelling life story demonstrated through personal essays and letters of recommendation. For students of Asian descent, college admission also involves receiving advice from everyone they know, battling the “model minority” stereotype, and facing the pressure of becoming the next student to receive admission to all 8 Ivy Leagues. This talk will go beyond basic admission processes and address how students can navigate selective admission smoothly, set themselves apart from the competition, and prepare for a successful college experience.



Alison Chapman

**Alumni Relations and
Admissions**

**Texas Academy of
Mathematics and Science**

Alison Chapman has nine years’ experience at the Texas Academy of Mathematics and Science (TAMS) hosted at the University of North Texas. Areas of experience include Student Life, Administration, Archives & Historical Preservation, Admissions and, for the past 2 ½ years, Alumni Relations & Research. Her interests are in early-college entry programs related to fast-tracking gifted and talented students in STEM fields, not just academically, but from a whole-person approach. This is an interest she shares with all TAMS staff as evidenced by the comprehensiveness of each arm of the program.

Abstract:

How do institutions like TAMS contribute to industries, institutions, and the economy dependent on highly-trained and intelligent young people in STEM fields? A look at TAMS may provide some answers. The talk will cover a profile of TAMS and the typical TAMS student; an overview of the timeline students experience as they move through the two year program, and some thoughts on where TAMS students go after completing this rigorous course of study.

Energy Forum Speakers



Mark Carpenter

**Senior VP
T&D System Operations**

Oncor

Building a More Advanced Electrical System

Mark Carpenter is presently Senior Vice President of Transmission and Distribution Operations at Oncor. Over Mark's 42 year career, he has held various field management and engineering management positions in transmission and distribution. Recent assignments include Vice President and Chief Information Officer and Vice President and Chief Technology Officer.

Mark earned a bachelor's degree in E.E. at Texas Tech and is active in professional activities. He is a member of the IEEE Power System Relaying Committee and the Texas Society of Professional Engineers and is a registered Professional Engineer in the State of Texas.

Abstract:

Microprocessor, communication, and information system technology has advanced over the last several years to facilitate expanding automated systems to the electrical distribution grids in a similar fashion to the way that it has been done on the bulk power system. These technology advancements are also expanding and deepening the improvement opportunities on bulk power systems. Two societal factors are acting as the catalyst for these technological advancements: 1) customer expectations as it relates to more reliable electric service, better control, and more information, and 2) the need to better integrate the full electrical energy chain, especially as it relates to maximizing renewable energy and becoming energy independent. This talk will cover the history of electrical system automation, present automation initiatives (including self healing grids, advanced metering, and integrated IT systems) and immediate and expected long term automation horizons.



Xiaolin Lu

**Fellow and Director of
Smart Grid and Internet
of Thing R&D Center**

Texas Instruments

Communication Technologies for Smart Grid

Xiaolin Lu is Fellow and Director of Smart Grid and Internet of Thing R&D Center at TI. She is responsible for various differentiated industrial- and energy-related system solutions using TI embedded processor and analog devices. Xiaolin has worked on various embedded system and software programs, including Smartened IoT SW, Narrow Band Power Line Communication Systems, Wireless and Wired Hybrid Sensor Network, 802.15.4g Software Defined Radio, Smart Power Software Framework, LTE/Wimax, Wi-Fi/Bluetooth co-existence and digital mobile TV SoC, etc. Xiaolin is well-known as an embedded system and software expert inside and outside TI and has given keynote and plenary talks or presentations at numerous technical conferences.

Abstract:

Smart Grid applications from grid infrastructure monitoring, Demand and Control, Automated Meter Reading (AMR)/Automated Meter Infrastructure (AMI) to the connected appliances in buildings/homes as well as to how to re-use the existing communication technologies and power-line infrastructure to form a reliable and easy to manage communication networks. Various communication standards are available for the smart grid. This talk introduces the communication technologies in the area of low-frequency, narrow-band Power Line Communication (PLC), Smart Utility Network RF technologies defined in IEEE 802.15.4g, ultra-low-power RF such as 802.15.4/4e used for applications such as AMR/AMI, advanced gas, water meter metrology communicated through eMeter. A semiconductor architecture is defined to address challenges in providing a robust, standard based and low power communication method. This talk will be focused on challenges encountered in the SoC architecture as well as tradeoffs among flexibility, programmability under the constraint of power and cost.

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*The DFW Chapter of the Organization of
Chinese Americans (OCA-DFW)*

2013/2014 CIE/USA-DFW Activities and Events

Date	Event	Event Chair	Location
Aug 10, 2013	2013 Annual Convention	Dr. Chinpei Tang	Haytt Regency Hotel in Richardson
Aug 10, 2013	2013 Annual Convention VIP Reception	Jingjing Ye and Dr. Baile Xie	Haytt Regency Hotel in Richardson
Aug 10, 2013	2013 Young Achiever Association Reunion	Arnold Zhang, Angela Fu and Alex Zhang	Haytt Regency Hotel in Richardson
Sep 6, 2013	2013 DFW Career Forum for Asian Students	Dr. Yu Meng and Sammy Yang	UT Dallas
Sep 14, 2013	2013 DFW Youth English Speech Contest	June Lam	Collin College Spring Creek Campus
Oct 26, 2013	2013 Engineering Business Forum	Michael Wang and Chris Xu	Schimelpfenig Library in Plano
Nov 16, 2013	2013 Fall Technology Symposium on Cloud Computing	James Xu	UT Dallas
Jan 26, 2014	2014 CIE/USA-DFW Orientation	Dr. Xinfen Chen	Texin Activity Center
Feb 15, 2014	2014 North Texas Regional Science Bowl	Rommel Alonzo and Katrina Williams	UT Arlington
Feb 16, 2014	2014 CIE Night	Lin Guo	Maxim's Restaurant
Mar 15, 2014	2014 Spring Technical Symposium on Big Data	Dr. Reno Wang	DFW Technology
Mar 12, 2014	2014 Leadership Assessment and Mentoring Program (LAMP)	Chi Zhou, Jiayao Gao and Junzhe Yu	UT Dallas
Apr 12, 2014	Sponsored Program: 2014 DFW Youth Chinese Speech Contest	Minning Wu	UT Dallas
May 17, 2014	Sponsored Program: 2014 CYLC Junior Leadership Program	Shannon Chen	TAMU Commerce
May 18, 2014	Sponsored Event: 20th Anniversary of DMCLS	Tianshu Wu	Parkhill Junior High School
June 7, 2014	2014 MathComp/ MathFun and Parenting Seminar	Dr. PingHai Hao and Dr. Jihong Chen	Collin College Spring Creek Campus
June 28, 2014	2014 DFW Youth English Speech Contest	Runchun Chen and June Lam	Collin College Spring Creek Campus
June 29 - July 5, 2014	Sponsored Program: 2014 DFW Chinese Youth Camp (CYC)	Ting-Whai Lee	UT Arlington
July 19, 2014	2014 ZTE Leadership Seminar	Kan Xu, Lihao Chen, Tao Peng and Elliot Zhou	ZTE Conference Room
July 21 - 26, 2014	Sponsored Program: 2014 Community Leadership Youth Club (CYLC) Camp	Shannon Chen	TAMU Commerce
Aug 16, 2013	2014 Young Achiever Award (YAA)	Eric Jiang	Renaissance Richardson Hotel
Nov 2013 – Aug 2014	Monthly Mentoring Lunch Meeting	Chi Zhou	UT Dallas, Golden Buffet, AT&T

2013 CIE/USA-DFW Annual Convention

Convention Chair: Dr. Chinpei Tang

The CIE/USA-DFW celebrated its 24th anniversary at its Annual Convention at Hyatt Regency Hotel in Richardson on August 10, 2013. More than 350 representatives from local government, corporations, universities, local/community organizations and alumni associations attended the convention. Ten cities in the DFW area, including Allen, Addison, Carrollton, Dallas, Farmers Branch, Frisco, 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, Dr. Ahmad Bahai, chief technology officer of Texas Instruments Analog Group and director of the Kilby Labs, was invited to deliver the dinner keynote speech. He was introduced by Art George, senior vice president and worldwide manager of the Texas Instruments High-Performance Analog (HPA) business unit. Dr. Bahai discussed his perspective of innovation and future trend of semiconductors in his presentation entitled “The future is not what it used to be”. In his presentation, Dr. Bahai motivated the importance of continuous innovation to stay competitive in the era of ever growing electrifications and data.

Five companies were awarded the Outstanding Community Service Award, including Texas Instruments, AT&T, Oncor, Diodes and Lockheed Martin. The Chairman of the Board, Sammy Yang, and the president, Dr. Yu Meng, presented the award to senior vice president of Texas Instruments, Art George; senior vice president of AT&T, David Arbuckle; manager of Oncor, Jenifer Salazar, CEO of Diode Inc., Dr. Keh-Shew Lu; and diversity and outreach lead of Lockheed Martin, David Partido. Individuals with significant community contributions were also recognized. The 16 award recipients of the prestigious Young Achiever Award (YAA) were awarded the trophies and scholarships during the banquet by YAA Chair, Wang Li of Texas Instruments, and VP of Youth Programs, Dr. Xinfen Chen of Texas Instruments. The banquet concluded with the 2013 CIE/USA-DFW board and officer election results.

The emcee of the dinner banquet was Han Li of Deloitte. The convention chair was Dr. Chinpei Tang. The event was supported by more than 40 tireless volunteers. It was proudly sponsored by Texas Instruments, AT&T, Oncor, Diodes, Active-Semi International, Deloitte, IBM, Lockheed Martin, ATCG Solutions, Comerica Bank, Dave Tyler Photography, HsinChu Science Park, Southern Methodist University, Science and Technology Division of Taiwan Economic and Cultural Office (TECO) in Houston, Telestone and University of Texas at Dallas.



Han Li of Deloitte, the emcee of Annual Convention dinner banquet



Dr. Chinpei Tang, 2013 executive vice president and convention chair of CIE/USA-DFW

2013 CIE/USA-DFW Annual Convention



Art George, senior vice president of Texas Instruments introducing Dr. Ahmad Bahai



The dinner keynote speaker, Dr. Ahmad Bahai, chief technology officer of Texas Instruments



2013 Young Achiever Award recipients



Wang Li, 2013 Young Achiever Award (YAA) Chair delivering Young Achiever Award



Dr. Xinfen Chen, VP of Youth Programs delivering Young Achiever Award



Violin, Viola & Cello Musical Performance by Dallas Asian American Youth Orchestra (DAAYO)



Organ/Piano Performance by 2013 YAA recipient, Alison Tsai

2013 CIE/USA-DFW Annual Convention



Musical Performance by Brian Zhao (cello, 2013 YAA recipient) and Alice Zhao (vocal)



Dr. Yu Meng, 2013 CIE/USA-DFW president, gave an opening speech at the convention



Dr. Keh Shew Lu of Diodes Inc., recipient of the Outstanding Community Service Award



Art George of Texas Instruments, recipient of the Outstanding Community Service Award



David Arbuckle of AT&T, recipient of the Outstanding Community Service Award



David Partido of Lockheed Martin, recipient of the Outstanding Community Service Award



Jenifer Salazar of Oncor, recipient of the Outstanding Community Service Award



350 attendance at the dinner banquet of 2013 convention

2013 CIE/USA-DFW Convention VIP Reception

Chairs: Jingjing Ye and Dr. Baile Xie

The CIE/USA-DFW VIP Reception was held in conjunction with the 24th anniversary annual convention on August 10, 2013 at Hyatt Regency Hotel in Richardson. The reception attracted more than 100 representatives from local government, businesses, and universities. The reception was emceed and co-chaired by Jingjing Ye, Esq of Samsung Mobile, and co-chaired by Dr. Baile Xie, Fish and Richardson P.C. Speeches were given by Mayor Harry LaRosiliere of the city of Plano, Texas state representative Angie Button Chen, Dean Marc P. Christensen from the Lyle School of Engineering at Southern Methodist University, and Bobby Chang, director of the GLEMBA program at the University of Texas at Dallas. CIE/USA-DFW was praised for its contributions in promoting STEM awareness and improving the local economy.



Jingjing Ye, Esq., VIP Reception chair and emcee



Mayor Harry LaRosiliere, City of Plano



Texas Representative, Angie Chen Button, District 112



Dean Marc P. Christensen from the Lyle School of Engineering, Southern Methodist University



Bobby Chang, director of GLEMBA program, University of Texas at Dallas



From left to right: Chairman Sammy Yang, Mayor LaRosiliere, President Yu Meng and Reception Chair Jingjing Ye.

2013 Young Achiever Association Reunion

Chairs: Arnold Zhang, Angela Fu and Alex Zhang



CIE-USA/DFW successfully hosted its first Young Achiever Reunion on August 10, 2013, at the Hyatt Hotel in Richardson, Texas. Diodes CEO Dr. Keh-Shew Lu kicked off the event. The CIE Young Achiever Association is a group of CIE Young Achiever Award alumni who seek professional development, engage in community involvement, promote CIE's interests, and represent motivated young individuals ready to develop their careers.

Over forty people attended to the event, including sixteen from 2013's recipients, twenty-seven from previous years, and a few prospective YAs. During the event, Wen-Shin Wang, a recipient of YAA in 2004, gave a keynote speech on promoting diversification and one's value as a potential employee. Afterward, Alex Zhang moderated a lively panel discussion - featuring Kevin Chen, Angela Fu, Miri Shidate, Kimberley Yu, and Janet Zhou - over a variety of topics including college applications, networking, conflict resolution, and principles of success. Participants took this opportunity to understand the premise of the Young Achievers and learn more about how to succeed in the real world.

In Dr. Lu's words: "I am glad, as the founder of the DFW chapter, to kick off the Young Achiever Association. This is the first time we are inviting our prior and current Young Achievers back to reunite," Dr. Lu said. "CIE/USA-DFW emphasizes our next generation of engineers. This is the reason why the DFW chapter initiated the Young Achiever Award back in the 1990s, for those students who showed promise and potential in alignment with CIE/USA-DFW's mission to promote the exchange of information among various fields of engineers and scientists who are interested in the well-being of Chinese engineering."

"We believe that YOU, our Young Achievers, are with positive attitude and inspiration; you will be successful in your academic and professional career. Specifically, we expect our Young Achievers to continue to involve yourselves in the community and to demonstrate your leadership and passion, and also to utilize your engineering disciplines and skills to contribute to the CIE network, and to the DFW community."



Left: Arnold Zhang; Right: Wen-Shin Wang; Middle: All YAA members with Dr. K. S. Lu

2013 DFW Career Forum for Asian Students

Chairs: Dr. Yu Meng and Sammy Yang

The DFW Career Forum for Asian Students was successfully held on September 6, 2013 at the University of Texas at Dallas. The CIE/USA-DFW hosted the event together with the Naveen Jindal School of Management of UT Dallas, US-China Chamber of Commerce, and Association of Chinese Professionals. The event received the sponsorship from Rockwell Collins.

The four-hour forum was filled with inspiring presentations which attracted two hundred and twenty graduate students from business, science and engineering majors. The forum was composed of a general session and three breakout sessions thereafter. Dr. Carolyn Reichert, Director of the graduate program of finance in UTD, made a grand opening. Three keynote speakers were invited to speak on interesting topics. Mr. Lawrence Allen, former Managing Partner of Heidrick & Struggles Beijing Office presented the market dynamics and demand of global human talents. Dr. Charlie Chen, former CIE-DFW Board Director, CEO of DFW Technology, elaborated his secret “formula” for career success. Ms. Adrienne Court, Chief Human Resources Officer of Transplance, addressed a variety of topics including job hunting and career planning. The event was followed by three breakout sessions, in which Mr. Sammy Yang, Chairman of the Board of CIE/USA-DFW, Mr. Michael Weng, CEO of Cetetek Technology, Inc, Mr. Megan Lapham, COO of Healthcare Art Consulting, LLC., and Scott Ewert from Grant Thomson, delivered their presentations to facilitate students in various disciplines.

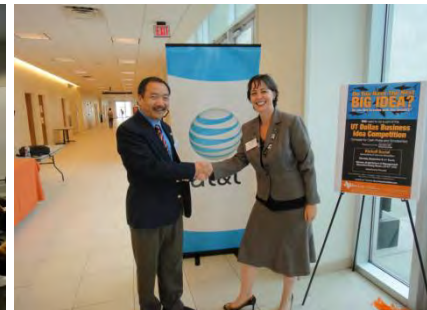
Dr. Frank W. Anderson, Senior Lecturer of Finance, responded right after the event that “Already, I am receiving emails from students wanting to know if we can do this every semester.”



Lawrence Allen



Dr. Charlie Chen



Sammy Yang and Adrienne Court



Dr. Carolyn Reichert



Networking Session



The meeting auditorium

2013 DFW Youth English Speech Contest

Event Chair: June Lam

CIE/USA-DFW and Texas Dragons Toastmasters held a very successful DFW Youth English Speech Contest on September 14, 2013 at Collin College Living Legends Conference. During the contest, students showed their talent and creativity through all kinds of topics ranging from summer vacation, travel abroad to success. These well prepared speeches brought waves of laughter and applause. The speech contest is not only a competition but also a great opportunity for the students to learn and improve. They have exceeded to a higher level of confidence as they compete, and the skills that they practiced and learned will be extremely valuable for their future career and life. The contest committee are so excited to see the rapid growth of many of the contestants from last year's contest.

Ninety-five student participants from grade one to twelve competed in the contest. More than 200 parents attended and 60 volunteers supported the event. The contest committee made tremendous efforts to ensure that the contest was fun and fair to all contestants. The contest judges were experienced and trained members from Toastmasters International. David Hill, the Toastmasters International World Championship of Public Speaking Finalist, spoke at the award ceremony and interacted with the participants. Our young contestants were excited to learn about Mr. Hill's successful stories of public speaking and actively participated in the question and answer session. The contest committee felt honored to have the opportunity to contribute to the community through this well planned and organized event.

Grade	1 st Place	2 nd Place	3 rd Place	Honorable Mention
1st and 2nd Grades	Shobana Ravi	Katie Zhao	Kevin Wang	Kapil Taspaa, Audrey Perry
3rd Grade	Advika Varadharajan	Jeffrey Xu	Sally Lin	Diya Singh, Nikhi Jain
4th Grade	Charles Hou	William Yue	Zachary Tian	Evan Lai, Charlie Zhang
5th Grade (Group D)	Jennifer Xiong	Anagha Gouuru	Weston Lu	Jennifer Su
5th Grade (Group E)	Shengyuan Wang	Rakshak Ravichandran	Rachel Zhang	Abraham Tsai, Allison He
6th Grade	Sophia Li	Cedric Zhou	Sophia Xu	Connie Xu, Saisrinivas Gudivada
7th Grade	Alice Hou	Kendra Huang	Aniket Matharasi	Annie Lu
8th Grade (Group H)	Christina Yuan	David Sun	Mathew You	Swetha Berana
8th Grade (Group I)	Anjika Bhalla	Steven Xu	Kevin Li	Tarang Sane
9th Grade	Carolyn Li	Lena Khanolkar	Jenny Zhu	Emily Chen
10th-12th Grades	Jocelyn Lo	Cecilia Zhou	Sneha Karkala	Star Jackson



More than 200 audiences



Winners from all grades with sponsors and organizer



From left: Dr. Yu Meng, the president, June Lam, the event chair, Dr. Xinfen Chen, VP Youth Programs

2013 Engineering Business Forum – Startups in DFW

Chairs: Michael Wang and Chris Xu

The CIE/USA-DFW engineering business forum was successfully held at Schimelpfenig library in Plano on October 26, 2013. It was jointly sponsored by CIE/USA-DFW and Shanghai Jiao Tong University DFW Alumni Association (SJTU DFW AA). The forum aimed to cater to the growing need by CIE members to learn about startups with the theme “Startup in DFW area”. Several well-known local startup veterans representing incubators, startups, business and legal services attended and gave very informative speeches. The event also attracted over eighty participants.

The forum started with opening remarks from CIE/USA-DFW Executive Vice President Chinpei Tang and SJTU DFW AA President Dr. Qing Zhao. Stewart Youngblood, Program Director of Tech WildCatters, introduced the audience with the overall startup environments in the DFW area, and how to get involved in starting, working and or investing in a startup. James Ross, founder of HedgeChatter, shared his experience working through an incubation program at Tech WildCatters, and demonstrated the company’s products. The session with James was very interactive, and he attracted many questions with his humorous answers. Other companies, including ATCG Solutions, Oomi, AirOn, ScribeSense, Talentize, introduced themselves and described their products/services and growing pains in building brand new companies. The final invited speaker Tom Tong, International Partner from Locked Lord, gave a very informative lesson on legal issues in both starting up a business and doing business in China. It was well received by the audience.

The presentations were then followed by a panel discussion session, which gave the audience an opportunity to ask specific questions. The panelists gave pointers on where to find resources to get involved in startup businesses and how to find business partners. The topic on the valuation of a startup company was also very helpful. At the conclusion, many people agreed it was a great learning experience, and they hoped the same event would continue at a regular basis.

The event was co-chaired by Mr. Michael Wang and Chris Xu. Edward Yu served as moderator. It was made possible by contributions from over ten volunteers from UT-Dallas, CIE and JSTU members, and sponsorship from Texas Instruments.



Dr. Chinpei Tang, CIE/USA-DFW Executive Vice President



Edward Yu, Event MC

2013 Engineering Business Forum – Startups in DFW



Dr. Qing Zhao, President of Shanghai Jiao Tong University DFW Alumni Association



Panel Discussion



Tom Tong, International Partner from Locke Lord



Michael Wang, Event Chair



Stewart Youngblood, Program Director of Tech WildCatters



James Ross, Founder of HedgeChatter



Attentive Audiences



Group pictures of the speakers and the CIE/USA-DFW leadership team

2013 Fall Technology Symposium on Cloud Computing

Chair: James Xu

The 2013 Fall Technology Symposium was held on November 16, 2013, Saturday at the Engineering and Computer Science at University of Texas at Dallas. More than 80 professionals and young professionals attended the event. The main goal of the event is to help professionals who are interested in the understanding of cloud and current trends, and who want to jumpstart their career and practice in cloud computing. A variety of topics were covered from the foundation to advanced, including: Cloud framework, Cloud 2.0, Microsoft Cloud Architecture, practical IaaS, PasS, SaaS such as Microsoft Azure and Amazon ECS, data center characteristics, network management, resource management, Hadoop & MapReduce for big data, platform virtualization, storage virtualization, and network virtualization.

The first speaker was Ning So, Head of Network Architecture, Tata Communications Ltd. The topic of his presentation was “Enabling Cloud 2.0, the Next Generation of Cloud”. In his presentation, he discussed about the Cloud Infrastructure, Cloud Framework, Cloud 2.0, and Software Defined Networking (SDN) and Network Function Virtualization (NFV). The second speaker was Matthew Hester, Senior IT Pro Evangelist, Microsoft. The topic of his presentation was “Microsoft Cloud Architecture”. He gave a quick look into Windows Azure, Microsoft’s Public Cloud Service. The third speaker was James Curl, Manager of Technical Practices of Deloitte Consulting. The topic of his presentation was “How Cloud is Transforming IT in all Sectors”. He gave an overview of the history and future of Cloud Computing, macro-economic, industry trends across industries, and how he thinks Cloud is transforming IT in all sectors.



Ning So, Head of Network Architecture, Tata Communications Ltd.



Matthew Hester, Senior IT Pro Evangelist, Microsoft



The speakers and the CIE/USA-DFW leadership team



James Curl, Manager of Technical Practices, Deloitte Consulting LLP



Charles Chow of Deloitte Consulting, MC of the symposium



Symposium audience

2014 North Texas Regional Science Bowl

Chairs: Rommel Alonzo and Katrina Williams

The 2014 North Texas High School Level Regional Science Bowl was held on Saturday, February 15, 2014, at Nedderman Hall of the University of Texas at Arlington (UTA) from 9 am to 2 pm. The overwhelming success of the event was the result of strong support from Prof. Carter Tiernan, the Assistant Dean for Student Affairs and faculty member of Department of Computer Science at UTA, and the tight-knit cooperation between CIE/USA-DFW, the UTA Chapter of Society of Hispanic Professional Engineers, the UTA Research Institute and the College of Engineering of UTA. A total of 20 high school teams registered for the competition.

The National Science Bowl (NSB) is an annual nationwide academic competition sponsored by the US Department of Energy that tests students' knowledge in all areas of science. Students are quizzed in a fast-paced question-and-answer format similar to that of Jeopardy. Competing teams from diverse backgrounds are comprised of four students, one alternate, and a teacher who serves as an advisor and coach. This was the first time that CIE/USA-DFW was involved in hosting the regional competition, with the winning team from advancing to the national-level competition held in Washington, D.C.

The event started with a briefing of the format and rules of the competition. The teams then participated in 5 group-level competitions. The four teams with the highest scores then advanced to the semi-final competitions. After an exciting final competition, last year's champion, Paschal 1st team, beat the first-time participant Plano West 2nd team, and became the winner of the regional competition. TAMS 2nd team and Plano West 1st team were awarded honorable mentions.

The competition received assistance from over 20 volunteers, who enthusiastically participated in organizing the event. All the participating organizations are looking forward to continued cooperation in organizing the competition again in upcoming years.



Participating teams getting ready for the competition



Enthusiastic volunteers from Lockheed Martin and SHPE



Briefing by Katrina, Dr. Tiernan and Rommel



Competition setup

2014 North Texas Regional Science Bowl



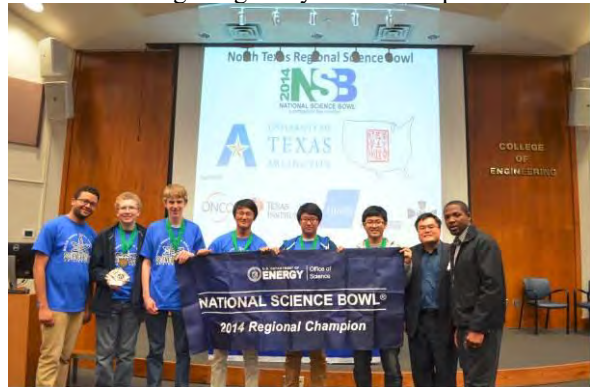
Lockheed Martin volunteers and event chairs



Students getting ready for the competition



Getting ready for the final competition



Winning team – Paschal 1st Team



Second place team – Plano West 2nd Team



Honorable mention – TAMS 2nd Team



Honorable mention – Plano West 1st Team



During the final competition

2014 CIE Night

Chair: Lin Guo

“CIE Night” has been one of the long-standing traditions of the CIE/USA-DFW. This year, more than 150 people, based of CIE members, their families and friends, guests, and volunteers gathered at the Maxim’s Restaurant in Richardson, Texas, to celebrate the Chinese New Year and the 25th Birthday of the CIE/USA-DFW chapter.

Dr. Chinpei Tang, the newly elected president of CIE/USA-DFW, opened the event with an expression of gratitude towards the CIE members and volunteers. He invited everyone to continue to support CIE/USA-DFW, as the largest organization of Asian-American engineers in the DFW area. After the introduction of the upcoming events for the 2014 year, he announced that the CIE/USA-DFW official Facebook site was going online.

During the middle of the evening, Dr. Yu Meng, 2014 CIE Chairman of the Board, addressed his greetings for all the guests present. He stated that in 2013, 26 high quality programs organized by the DFW Chapter benefited more than 5000 participating professionals and students. More than 500 volunteers were involved in organizing the events. He pointed out that the support from CIE members, volunteers, and their families was the key to success. Afterwards, Dr. Chinpei Tang introduced the new 2014 CIE/USA-DFW Board of Directors and officials.

All guests enjoyed the delicious Chinese dinner along with great performances. Five girls from UT Dallas started the night off with a modern dance. A Chinese cross talk “Organ Change”, by one Chinese student and one American student, both from UTD, brought laughter into the party. More highlights of the night included a traditional Er-Hu performance by Zhe Tan, and a traditional Chinese folk dance by Heather Xiao, Caroline Hao and Vivian Zhou. The “Memory of Hometown” singing performance by Jinhong Li, Ziaoxue Sun, Bozhao Ma and others was spectacular and pushed the event to another height. At the end of CIE Night 2014, Dr. Chinpei Tang invited all the previous presidents of CIE/USA-DFW to the stage to celebrate CIE/USA-DFW’s 25th birthday by a cake-cutting ceremony, including Dr. Faa-Ching Wang, Dr. Tongqing Wu, Mr. Qingxiang Tong, Dr. David Kao, Ms. Jinyu Jiang, Dr. Qing Zhao, and Dr. Yu Meng.

The event was executed by many dedicated volunteers, coming CIE families, and UT Dallas. CIE Night 2014 also acknowledged the donations from many members of our Board of Directors.



25th Anniversary cake-cutting ceremony



2014 Officers and Board Members



MC’s Andre Jones and Daisy Qi



More than 150 people attended the event



Song performances by Jinhong Liu and Xiaoxue Sun



Dance Performances

2014 Spring Technical Symposium on Big Data

Chair: Dr. Reno Wang

The Spring Technical Symposium focused on the theme of “Big Data”. More than 120 participants attended. The symposium was a big success with top-notch big data experts including Dr. Yi Zhao of Futurewei Technologies, Donny Helm of Oncor, Prof. Zhiyong Yang of UTA and Dr. Weiping Lu of CSC.

The symposium began with Dr. Yi Zhao, Vice President of Futurewei Technologies (Huawei USA R&D center). Dr. Zhao has more than 25 years’ experience in telecommunications and IT industries, during which he assisted the parent company in successfully establishing the subsidiary organization in Plano, Texas, and has been in various leadership roles of company’s operation, research and development, sales and marketing, industry standards, business strategy and development, intellectual property rights, as well as the company’s public and industry relations. Dr. Zhao started his topic of “Big data Trends in Telecom Industry” by stating the impact of “Big data” to Telecom industry. He followed by describing the fundamentals of “Big Data”, “Big data” applications in Telecom industry and fields of standardization and In the meantime, Dr. Zhao gave a lot of practical project experiences, which colorized the tedious technological topics and tightly appealed the audience. He ended his speech by opportunities together with challenges in the development of “Big data” in Telecom industry.

The second speaker is Mr. Donny Helm who is a Director - Technology, Strategy and Architecture, Oncor Electric Delivery. In his over nineteen years of experience in the electric utility industry including the areas of Distribution Engineering, Customer Service and Marketing, Transmission Operations, Transmission Performance Analysis and Technology, Donny witnessed the transformational development of energy supply industry. Mr. Helm emphasized “Big data” propels the development of grid forecasting, analysis and optimization, which plays a vital role in improving user experiences and thus increasing the revenue. To show Oncor’s current progress in leveraging “Big Data”, Donny introduced Oncor’s intelligent power project, which costs billions of dollars and includes implementation of intelligent devices on transmission, distribution, metering and etc. Each of these intelligent devices records and transmits data 24/7. Mr. Helm further big data challenge and future considerations by Oncor.

The third speaker is Dr. Zhiyong Yang, who is Associate Professor of Marketing in the College of Business at the University of Texas at Arlington (UTA). Dr. Yang’s research focuses on how social influence (peer influence and parental influence in particular) affects individuals’ consumption-related behaviors (e.g., brand choice, online information search, donation, and new product adoption), and consumption-related misbehaviors (e.g., smoking, drinking, and music piracy). The emergence of Big data greatly impacts his research. On his topic of “Data Mining and Consumer Insights: An Application of “Big Data” in Marketing”, Dr. Yang humorously exemplified how big data technologies identify and forecast consumer behaviors, which can be leveraged to improve the business. Prediction of Oscar winners, pricing of wine, commercial promotion of Kohl’s and even the competing strategy of President Obama’s election all benefit from the use of big data. These cases comprehensively show the power of big data in our daily life.

The fourth speaker is Dr. Weiping Lu, who is currently an associate partner at Computer Science Corporation (CSC). In his over 18 years of IT experience with top IT consulting and software companies, such as Accenture, Deloitte, Microsoft, Dell, and Chinsoft International. Dr. Lu worked in many different roles as software engineer, team lead, solution architect, project manager, business development manager. Dr. Lu’s presentation focused on the introduction of a practical application of Big data, SAP HANA – The high performance appliance for Big Data. As one leading big data appliance, HANA is designed to handle the storage and analysis of increasingly massive real-time data and is widely used by big companies in retailing, logistics, finance, medical and educational fields. Dr. Lu began with the overview of data warehouse and business intelligence. He followed by stating the evolution of RDBMS, DW and big data, which presents the motivation of developing big data from a technical perspective. Then, he shared his project experiences of using HANA, showing how HANA was used to analyze the massive data of those big companies.

2014 CIE Spring Technical Symposium on Big Data



Symposium speakers and CIE/USA-DFW leadership team



More than 120 attendees



Dedicated volunteers at the event



Dr. Yi Zhao, Vice President of Futurewei Technologies



Donny Helm, Director - Technology, Strategy and Architecture, Oncor Electric Delivery



Dr. Zhiyong Yang, Associate Professor of Marketing, University of Texas at Arlington (UTA)



Dr. Weiping Lu, associate partner at Computer Science Corporation (CSC)



Networking session

2014 Leadership Assessment and Mentoring Program (LAMP)

Chairs: Chi Zhou, Jiayao Gao and Junzhe Yu

The Leadership Assessment and Mentoring Program (LAMP) was held successfully The Chinese Institute of Engineers/USA DFW Chapter (CIE-USA/DFW) and the Friendship Association of Chinese Students and Scholars UT Dallas Chapter (FACSS) successfully conducted the 2014 Leadership Assessment and Mentoring Program (LAMP) on March 22, 2014 at the University of Texas at Dallas.

LAMP is one of the long-standing CIE events featuring leadership and career mentoring for young professionals. On the day of the event, Ms. Shannon Freeze-Flory, Worldwide Recruiting Leader from Texas Instruments, delivered an inspiring keynote speech to share her profound leadership experiences to the audience of more than 250 young professionals.

This year, CIE designed the Leadership session and Mock Interview session to provide a platform for young professionals to showcase their leadership and interview skills.

In the Leadership session, four participants selected from more than 50 applicants by professional career service consultants led their teams to finish a well-designed simulation game. Following the game, four situational leadership interview questions were asked to test the participants' leadership skills. Based on their leadership performance, panelists Mark Carpenter (Sr. VP, Oncor Electric Delivery), Ming Chiang (Former Vice President of R&D, Texas Instruments), Elaine Kung (Director, AT&T) and Carina Reyes (Director, Cisco) provided valuable feedback to them and shared their related experiences to the audience. From this session, participants received valuable feedback about their performance, and the audience learned how to improve leadership skills in real-life cases.

In the Mock Interview session, four carefully selected young professionals performed the role of "job candidates". Panelists Adrienne Court (Chief Human Resource Officer, Transplace), Pinghai Hao (Manager, Texas Instruments), Weiping Lu (Associate Partner, CSC) and Sam Zhu (Director, AT&T) were invited to form a panel to assume the roles of "recruiters". The career show was designed to provide live show experience to both the job candidates and the audience. Each job interview position started with the candidate's self-introduction accompanied by career highlights shown on two big screens on the stage. Candidates and the panelists interacted through cross-questioning including semi-random questioning, random questioning and reverse questioning. In the process of the mock job interview, the panelists discussed the hits and misses of each candidate's interview performance and provided the candidates and audiences with targeted, well-crafted feedback and interview tips.

The event brought candidates and the audience with leadership and career advice and alleviated anxiety towards leadership development and job interviews by familiarizing them with the process. Based on the overwhelmingly positive feedback collected from the event participants and panelists, CIE is planning to host a similar event next year.

In addition to the University of Texas at Dallas, Baylor University, Southern Methodist University, Texas A&M University, the University of Texas at Arlington, the University of Texas at Austin, and the University of North Texas also supported this event.

2014 Leadership Assessment and Mentoring Program (LAMP)



Keynote speech by Ms. Shannon Freeze-Flory



More than 250 attended the event



Panelists from the Leadership Session



Panelists from the Mock Interview Session



Leadership session



Award Presentation



LAMP's speakers and volunteers



Participants and Panelists

2014 TI Cup North Texas Chinese Speech Contest

Chair: Minning Wu

The CIE/USA-DFW sponsored North Texas Chinese Speech Contest was organized by the North Texas Chinese Culture Promotion Association (NTCCPA). It was held at the University of Texas at Dallas on Saturday, April 12th. Other sponsors included Texas Instruments, Confucius Institute of UTD, University of Texas at Dallas, Cathay Bank, ACP, 31 Realty, QD Academy, Ms. Haixia Wang, Simple Good Dental, and the Consulate-General of PRC in Houston.

This year's speech contest, same as the past 3 years' contests, received strong support from 18 public and private schools in the North Texas area. The contest attracted over 160 students from Pre-K through Grade 12. To encourage students from non-Chinese family to speak Chinese, the contest also set up a special contest for those students. The contest used the Toastmaster International rules to judge the speech. Ms. Grace Tyler was invited as the chief judge to provide training to the judges to ensure that the contest is fair and of high standard. Prior to the contest, two free speech skill training classes taught by Mr. Richard Yang were offered to the contestants.

Winner List

Grade	1 st Place	2 nd Place	3 rd Place
pK-K	Richard Li	Brandon Wu	Avalyn Zeng
K	Steven Li	Kaylani Zhang	Audria Tan
K-G1	Iris Lee	Vivian Huang	Iris Zhang
G1	Allyson Chuak	Eddie Zhou	Carissa Ye
G2	Fabian Leung	Kathleen Manyoun	Aiden Ho
G3A	Victoria Li	Darwin Xu	Catalina Zuo
G3B	Megan Liu	Selina Wang	Alex Chen
G4	Crystal Manyoun	Jennifer Ai	Jamie Zhang
G5	Ashley Pan	Shawan Wang	Tiffany Huang
G6-G8	Kevin Meng	Andrew Yu	Bridget Zhang
G9-G12	Jocelyn Lo	Eric Sun	
CSL G1	Sarah Murray	Elizabeth Vo	Ahava Irby
CSL G5-G7	Rachel Burnett (CSL)	Hiroki Zhang(CSL)	Maximillian Chow-Gillette
CSL G8	Ameya Chavda	Blake Daugherty	Avery Pearson
CSL G9-G10	Meredith Whalen	Nathan Kong	
CSL G11-G12	Ansley Carlisle	Monique Byars	



2014 CYLC Junior Leadership Program

Chair: Shannon Chen

CIE/USA-DFW Chapter sponsored the CYLC Junior Leadership Seminar, hosted by CYLC (Community Youth Leadership Club) on May 17, 2014. Sixty students attended the whole-day outdoor adventure.

This annual junior leadership seminar was designed for teenage youth from grades nine to twelve, and aimed at helping students to build up their self-confidence in preparation for college. This year's program was different from the past years. The Outdoor Adventure Program provided superior adventure and educational opportunities promoting active lifestyles, appreciation for the nature environment and personal development. The youth experienced the team building through challenging team work such as bar balance, spider web; high wooden bridge, swinging log and climbing at forty-five feet tall tower for zip line. The Challenge course helped individuals learn from their interaction with others and then apply those principles to their life situations. This program encouraged youth step out their comfort zone and build people relationship, enhance individual strength and sharpen positive mental attitude.

The youth had a wonderful day in the nature environment and had a lot of fun during the process. Everyone tried something new and work together to accomplish the task. The trust activities, low and high elements gave the youth great team binding. They overcome the fear of height and enjoy the moment when swing down of the zip line. The teammates cheer for each other for the final achievement. The best gaining is the team binding friendship at the end.



60 students participated in the event



Team work is the key to success



Rock climbing



Free flying!

Sponsored Event: 20th Anniversary of DMCLS

Committee Director: Tianshu Wu

The 20th Anniversary Ceremony of the Dallas Modern Chinese Language School (DMCLS) was successfully held on May 18. About 400 students, parents, teachers, Board members and guests participated in the celebration. The DFW Chapter of the Chinese Institute of Engineers/USA (CIE/USA-DFW, CIE) sponsored the event. Dr. Yu Meng, Chairman of the Board of CIE, and Dr. Xinfen Chen, Executive Vice President of CIE, attended to represent CIE to congratulate the notable achievements of the school. Consul Zhihong Wang from the Chinese Consulate General Houston, Prof. Qianyuan Zhang, Director of UTD Confucius School, and Kim Malcolm, Director of Foreign Language Program of the Richardson ISD attended and spoke as guests.

DMCLS is the only nonprofit Chinese language school in DFW area, managed by the Parent Council. The school strives to develop high quality programs and establish a high quality teaching faculty. Over 1000 bilingual students have graduated since its establishment in 1993. In 2013, the school was awarded one of the three "Overseas Chinese Education Model Schools" in southern US region.

DMCLS Chairman of the Board Tianshu Wu and Principal Jun Li expressed appreciation to CIE for the long-term support. Many warm hearted people volunteered across CIE and DMCLS. The founding chairman of DMCLS, Mr. Jie Hu, was an active member of CIE in the early 1990's. On the other hand, current CIE leaders Dr. Xinfen Chen, Dr. Xinxin Sun, Principal Yixin Yang, Dr. Zhujun Li all once served on the Board of DMCLS. The history testifies the leadership and significance of the two organizations.

Mr & Mrs. Jie Hu, Ms. Hua Yang (the founding Principal), and partial former Board members of DMCLS held a reunion dinner after the event, retrospecting the history and looking forward to a brighter prospect of the school.



DMCLS Board and Teaching Faculty



Student performance



Chinese Consul
Zhihong Wang



(From left) Prof. Qianyuan Zhang, Kim Malcolm, Tianshu Wu, and Dr. Yu.Meng



Reunion dinner of partial former Board members

2014 MathComp/ MathFun

Chairs: Dr. PingHai Hao and Dr. Jihong Chen

CIE/USA-DFW held its annual flagship youth program, MathComp/ MathFun, on Saturday, June 7, 2014 at the Collin College Spring Creek campus and it was, once again, crowned as a huge success. The event attracted more than two hundred and fifty students from grades one to seven to participate in the math competition and an even greater number of students for the math fun activities. About one thousand people participated, visited and volunteered for the event, demonstrating a tremendous support for the CIE's efforts in building, growing, and strengthening youths' math problem-solving skills and talents.

The 2014 MathComp/ MathFun event featured a mathematics competition, a mathematics fun activities and a parenting seminar. MathComp provided an opportunity for young students to demonstrate their math problem solving skills. Test questions for the MathComp were developed by a team headed by Dr. Zhujun Li. MathFun was an interactive program allowing parents and children to work together in solving math quizzes and games. These games were all designed to stimulate students' interest in mathematics, science and technology. This year, nineteen local non-profit organizations, educational organizations, university/college organizations, sponsors, and Chinese schools participated in the MathFun activity that included math puzzles, games, Sudoku, chess, science projects, math education material and robotics. The challenging and intriguing activities made thinking hard and exploring the "magic" and secret of math and science so much fun for both parents and students.

While students were taking the test, there was a wonderful Parenting Seminar presented by Mr. Mathew Crawford, Executive Director and Co-Founder of the Daedalus Education. His presentation topic was "The Playful Parent: Encouraging Self-Guided Education". Mr. Crawford is a three-time invitee to the Mathematical Olympiad Summer Program where the U.S. team prepares for the International Mathematical Olympiad. He is also a problem writer for numerous national competitions including the USA Mathematical Talent Search, Mu Alpha Theta, the iTest and the San Diego Mathematical Olympiad. Among Mathew's students are numerous winners of national (MATHCOUNTS, AMC, AIME, USAMO) and international (IMO) math and science (Siemens-Westinghouse) competitions. Many parents felt that Mr. Mathew's presentation was an inspiring and eye-opening experience.

The award ceremony was hosted by Ms. Runchun Chen. During the ceremony, the president of Texas Dragon Toaster, Ms. June Lin gave a humorous and inspirational speech in which she shared her personal experience of learning mathematics. The audience learned a lot and had many good laughs from Ms. Lin's speech. Eighty-four winners were awarded trophies and medals by the guests respectively.

MathComp/ MathFun this year was led by Dr. PingHai Hao and Dr. Jihong Chen. About two hundred volunteers participated in the organization of the various activities. This year's sponsors include Deloitte, IBM, Oncor, and Texas Instruments. The lunch for the volunteers was provided and sponsored by Cindi's New York Delicatessen. The MathFun activity organizers included 31 Realty, ACPA of AT&T, HUA-HSING Chinese School, Hai Hua Overseas Chinese School, Kumon Math and Reading, Mandarin Chinese School T-VEX Robotics Club, My college TRAK, Dallas Asian American Youth Orchestra, Dallas Modern Chinese Language School, Daedalus Education, Dallas Youth Volunteer Association (DYVA), Freepuzzles.com, Oncor, Raytheon, TechnicBots, The Asian Magazine and UT Dallas Chess Program. CIE/USA-DFW appreciates the great effort from the members and volunteers who participated in the MathComp/ MathFun, and the students and parents for their continuous strong support!

2014 MathComp/ MathFun



2014 MathComp/ MathFun Volunteers



Parenting Seminar from Mr. Mathew Crawford



Math Fun



Math Fun



Grade 1 awardees and Mr. Wang Li from TI



Grade 2 awardees and Mr. Gilbert Salazar and Ms. Jennifer Salazar from Oncor



Grade 3 awardees and Ms. Vicky Li from Deloitte



Grade 4 awardees and Mr. Qinghui Wang from IBM



Grade 5 awardees and Ms. Anh from Cindi's New York Deli



Grade 6 awardees and Mr. Summy Yang and Ms. Elaine Kung from AT&T



Grade 7 awardees and CIE President Dr. Chinpei Tang and Chairman Yu Meng



All awardees and Award presenters

2014 MathComp/ MathFun

Winner List of 2014 MathComp

First Grade	1 st Place	Ava Li	Honorable Mentions	James Zhou
	2 nd Place	Linyang Lee		Sophie Karthik
	3 rd Place	Andrew Yu		Audrey Perry
	4 th Place	Eddie Huang		Sunnie Wang
	5 th Place	Rayna Li		David Lee
	6 th Place	Emma Wang		Alexander Cheung
Second Grade	1 st Place	Matthew Gomez	Honorable Mentions	Nathan Zhou
	2 nd Place	Randy Guo		Nathan Foo
	3 rd Place	Kaaviya Shenbaharaman		Yazad Kekobad
	4 th Place	Kevin Su		Richard Li
	5 th Place	Harry Wang		Kate Lee
	6 th Place	Chenxi Zhang		Andy Qin
Third Grade	1 st Place	Otto Beall	Honorable Mentions	Charles Cheung
	2 nd Place	Lauren Li		Darwin Xu
	3 rd Place	Amber Li		Aaron Liu
	4 th Place	Gauri Mittal		Laura Tan
	5 th Place	Ian Chen		Brian Zhou
	6 th Place	Weitao Shi		William Dai
Fourth Grade	1 st Place	William Yue	Honorable Mentions	Navya Ramakrishnan
	2 nd Place	Rithvik Ganesh		Tanaz Muhamed
	3 rd Place	Ajay Senthilnathan		Eric Wang
	4 th Place	Max Yu		Shriya Reddy
	5 th Place	Jasper Chen		Wei-Jet Chiew
	6 th Place	Evan Wang		Pranav Mukund
Fifth Grade	1 st Place	Srikar Talluri	Honorable Mentions	Kelly Zhao
	2 nd Place	Jennifer Xiong		Pranav Makam
	3 rd Place	Jerry Liu		Sneha Mittal
	4 th Place	Joseph Li		Angela Zhang
	5 th Place	Charlotte Ding		Akash Vijay
	6 th Place	Alex Fang		Michelle Zhu
Sixth Grade	1 st Place	Brandon Wang	Honorable Mentions	Eric Zhang
	2 nd Place	Austin Ma		Vincent Chen
	3 rd Place	Michael Ying		Maxwell Jiang
	4 th Place	Derek Qin		Rohan Nagabhirava
	5 th Place	Nicholas Tsao		Nicholas Zhong
	6 th Place	Jonathan Liu		Kevin Meng
Seventh Grade	1 st Place	Brandon Chen	Honorable Mentions	Michael Zhan
	2 nd Place	Kenneth Huang		Jeffrey Jehng
	3 rd Place	Darren Huang		Jiyong Jang
	4 th Place	Richard Luo		Austin Liu
	5 th Place	Timothy Situ		Anvith Potluri
	6 th Place	Albert Luo		Samuel Liu

2014 DFW Youth English Speech Contest

Chairs: Runchun Chen and June Lam

The 2014 DFW Youth English Speech Contest was a great success. The contest was held from 8:00 am to 12:00 pm on Saturday, June 28 at Collin College Spring Creek Campus. The purpose of the event is to foster self-confidence, promote interest in public speaking, provide an opportunity for youths to enhance their speaking skills by competing, and recognize the best to encourage all.

One hundred and seventeen student participants from grades one to twelve competed in the contest. More than 200 parents attended and over 100 volunteers supported the event. Co-chairs Ms. Runchun Chen and Ms. June Lam made tremendous effort to ensure that the contest was fun and fair to all contestants. The participants were divided into 10 groups. Chief Judge Ms. Jenny Hoch recruited 21 contest judges who are experienced and trained members from Toastmasters International. During the contest, students showed their talent and creativity through various topics ranging from summer vacation to travel abroad to success. These well prepared speeches brought waves of laughter and applause in the conference center.

Mr. Jim Key, Toastmasters International World Champion of Public Speaking 2003, spoke at the award ceremony and encouraged participants. The student participants were excited and inspired to learn about Jim's successful stories of holding on to the goal and finally reached it. The contest was hosted by CIE-USA/DFW, organized by the volunteers from the Texas Dragon Toastmasters, and sponsored by Texas Instruments Chinese Initiative, Oncor and Cindi's New York Deli.

Grade	1 st Place	2 nd Place	3 rd Place	Honorable Mention
1st Grade	Audrey Perry	Chandini Elango	Rayna Li	Varun Mukund
2nd Grade	Richard Li	Kavyasri Ramaswamy Eswaramoorthy	Caitlin Wee	Katie Zhao, Hannah Tsuei
3rd Grade	Victoria Li	Kyle Letterer	Madison Tran	Advika Varadharajan, Brian Zhou, Nikhil Jain, Nelson Tsai, Julia Duan
4th Grade	Tanaz Muhamed	Zachary Tian	Emma Jacob	Zhaoxuan Luo, Jeffrey Chen, Jonathan Yin, Grace Wang, Joy Chen
5th Grade	Shengyuan Wang	Jennifer Su	Abraham Tsai	Cameron Wee, Akash Vijay, Anagha Gouru, Kelly Zhao
6th Grade	Cedric Zhou	Kevin Meng	Sophia Li	Emily Huang, Connie Xu, Saisrinivas Gudivada, Stacy Wang
7th Grade	Annie Lu	Kendra Huang	Koshma Eswaramoorthy	Emily Shen, Rohith Karkala
8th Grade	Michael Gao	Christina Yuan	David Sun	Swetha Berana, Deepti Aravapalli
9th Grade	Lena Khanolkar	Carolyn Li	Kevin Bai	
10th-12th Grades	Cecilia Zhou	Anjali Sridharan	Sneha Karkala	



More than 200 parents audience



2014 winners from all grades with sponsors and organizer



Event Co-Chairs Ms. Runchun Chen and Ms. June Lam received appreciation plaques from CIE

2014 DFW Chinese Youth Camp (CYC)

Chair: Ting-Whai Lee

CIE/USA-DFW sponsored another successful youth event, 2014 DFW Chinese Youth Camp (from June 29 to July 5). Over one hundred and fifty campers from age eight to sixteen participated in the summer camp activities and were supported by thirty-two counselors and assistant counselors from ages fifteen to eighteen. Two teachers from the Overseas Community Affairs Council of Taiwan ROC held cultural classes to teach Chinese folk dance and Chinese folk activities. The folk dances showcased performances including ribbons, lion heads, drums, flags and more. In addition, CYC had several local teachers teach classes in arts and crafts, Chinese painting, street dance, Kung-Fu, ballroom dance, STEM (Science, Technology, Engineering and Mathematics) class, film making and leadership.

The groups enjoyed making parachutes and others hands on STEM activities to talk about aerodynamics and utilizing resources. We also had a STEM demo class where the campers got a chance to play with flight simulators, play a STEM jeopardy game and participate in a paper tower competition.

The 2014 DFW Chinese Youth Camp ended with a successful ending ceremony presented by the counselors and campers. Parents were highly impressed by the performance and with the progress made by their children during the camp week. They saw how their children developed and grew from the camp experience. The campers enjoyed Chinese Youth Camp and looked forward to coming back next year.



2014 Community Youth Leadership Camp

Chair: Shannon Chen

2014 Community Youth Leadership Camp (CYLC), hosted by Community Youth Leadership Club and sponsored by CIE/USA-DFW Chapter and OCA-DFW Chapter, was held from July 21 to July 26 at Texas A&M - Commerce, Texas. A total of 400 students, 24 teachers, 55 counselors, 8 college teaching assistants, and 7 specially invited leadership speakers attended the week-long residential summer camp dedicated to foster leadership skills in young people.

The theme of CYLC this year was “Humility”, as part of its ongoing mission to build confidence, provide direction and guidance, to inspire leadership in Chinese American youths in the community, to develop their skills in communication and team building, to reinforce their pride in their heritage, and to prepare them to become leaders in their lives.

Classes and workshop activities were composed of three major categories: (1) Leadership training included self-awareness, personal characteristic analysis, team building, brainstorming, project designing, presentation skills, communication models, result evaluation, a thorough series of leadership courses and activities. (2) Group activities included leadership workshop, team games, etiquette, physical activities, self-defense, dance, musical shows, arts and crafts, swimming, cooking and talent show. (3) Cultural programs included Chinese arts and crafts, dance, Chinese yoyo, and culture classes. Special leadership class topics included: “Children can be the entrepreneurial”, “Step out your comfort zone”, “Humility and Leadership”, “Developing humility”, “Winning is not the only thing” and, “Communication”. These was also a special session by supervisory special agent from FBI for campus safety.

The camp ended with an exciting ceremony performed by campers, counselors, and teachers. Over 1000 attendees including parents enjoyed the performance and showed their appreciation through standing ovations.



2014 ZTE Leadership Seminar

Chairs: Kan Xu, Lihao Chen, Tao Peng and Elliot Zhou

CIE/USA-DFW, CIRA (Computing Information Resources Association), Dallas, and UT Dallas FACSS (Friendship Association of Chinese Students and Scholars) held a very successful leadership training program in ZTE Conference Room on July 19 from 12:30 - 4 pm. The speaker was Jun Ma, principal lecturer/trainer of ZTE. The purpose of the seminar is to motivate leadership awareness and skills among young professionals and professionals. There were interactive activities to keep the audience engaged. More than 40 people attended the motivating seminar.



Jun Ma, principal lecturer/trainer of ZTE



From left: Lihao Chen, event chair, Elliot Chou, VP Young Professional, Jun Ma, principal lecturer/trainer from ZTE, Dr. Yu Meng, CIE/USA-DFW Chairman, Dr. Chinpei Tang, CIE/USA-DFW President



Kan Xu introducing the speaker and program to the audience



More than 40 young professionals and professionals benefited from the seminar

2014 Monthly Mentoring Lunch Meeting

Chair: Chi Zhou

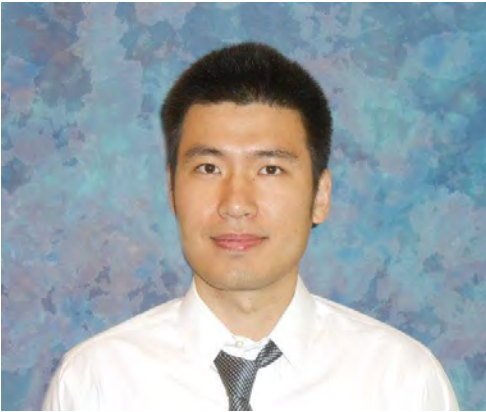
The CIE Mentoring Lunch Meeting is a small-group monthly meeting of both young and well-established professionals. The purpose of the program is to empower young individuals and accelerate their professional growth. Two mentors are invited to meet approximately 15 protégés during each meeting. A variety of topics are covered including professional development, time management, the art of networking, personal mastery, money management, and relationship building.

Event Date	Chair	Mentors			Location
11/19/2013	Chi Zhou	Yu Meng (Oncor)	Tao Wang (Sabre Holdings)		UT Dallas
2/8/2014	Jinhuan Li	Qing Zhao (Oncor)	Jessica Yang (AT&T)		UT Dallas
3/1/2014	Wei Ma	Eric Jiang (Dell)	Simon Chang (TI*)		UT Dallas
4/5/2014	Ri Xu	Faa-Ching Wang	Kan Xu (USA Display)		Golden Buffet
6/6/2014	Hao Zhou	Cathy White	Nhi Nha Bui	Xiaogang Fan	AT&T Campus
7/12/2014	Shuai Zhou	Bill Wood (NTA)	Pinghai Hao (TI*)		Golden Buffet

*TI Indicates Texas Instruments



2014 Discover-E “New Faces of Engineering”



Nominated by Chinese Institute of Engineers (CIE) - USA, Dr. Reno Tao Wang is recognized as one of "New Faces of Engineering" by DiscoverE and TE Connectivity. The announcement of this year's New Faces of Engineering coincides with Engineers Week, which takes place February 16-22, 2014. IEEE-USA and DuPont are co-chairs of Engineers Week 2014. Also, Dr. Jason Wen, Co-Chair of Asian American Engineer of the Year (AAEOY) announced this recognition and praised Dr. Wang for his contribution to CIE-DFW at 2014 AAEOY award, which took place in San Francisco from Feb. 23rd to Mar. 1st, 2014.

Today's engineers are working to solve issues on a global scale. New Faces of Engineering recognizes the outstanding abilities young engineers (age 30 or younger) have shown on projects that significantly impact public welfare or further professional development and growth. The nominees from more than 25 organizations nationwide, including IEEE-USA/IEEE, National Science Foundation, American Council of Engineering Companies, ASHRAE and ASME, competed for this recognition this year. Out of candidates of six CIE local chapters, Dr. Wang is the only winner from CIE. More info about the winners can be found at <http://www.discovere.org/our-programs/awards-and-recognition>.

Reno, 30 years old, is a senior operations research developer at Sabre Airline Solutions, developing Sabre AirCenter products for crew management systems including pairing optimizer and crew control/manager, serving 20+ airlines. His work focuses on adding novel features to the products and improving the efficiency of scheduling algorithms.

Reno holds a bachelor degree in Information Engineering from Shanghai Jiaotong University in Shanghai, China, and master in Electrical and Computer Engineering from Georgia Institute of Technology in Atlanta, Georgia. He also earned a doctoral degree in Systems Engineering from Boston University in Boston, Massachusetts. During his doctoral study, Reno's research concentrated on the optimal control and efficiency of battery-powered, energy-aware systems. More specifically, the work includes control of generic, non-ideal batteries, lifetime maximization in wireless sensor networks and energy-aware routing and motion control of electric vehicles. Upon the completion of his research, Reno had three journal papers and six conference papers published and one journal paper submitted. In addition, he conducted business process optimization in his summer internship at Xerox Research Center in 2012, during which his project was to maximize the print shop revenue for Kaiser Permanente. Eventually, the project was accomplished with a 20 percent increase in profit and one patent approved.

In life, Reno is very passionate for sports, including basketball, badminton, table tennis and swimming. He is very active in community services and activities as well. At CIE-DFW, he plays a leading role in a couple of symposiums from 2013. He was committee member of Fall technical forum 2013 and Chair of Spring Technical Symposium 2014. Right now he is Chair of International Technical Symposium at CIE 25th anniversary Convention.



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About CIE

Mission

The mission of CIE is to promote communication and exchange of information among various fields of engineers and scientists who are interested in the well-being of the Chinese engineering community in the US and abroad.

History

The Chinese Institute of Engineers was founded in 1917 in New York by a group of Chinese engineers who graduated from American universities and served in various industries in the United States. The main organization moved back to China during World War II, then moved to Taiwan. The American counterpart became a separate chapter. In 1977, the institute was renamed the "Chinese Institute of Engineers, USA (CIE/USA)," with a mission to serve members from all over the United States. Since then, seven area chapters, namely the Greater New York, San Francisco-Bay Area, Seattle, Dallas-Fort Worth, OCEESA, New Mexico, and South CAL chapters have been established.

CIE/USA works with other professional organizations to sponsor events, such as venture capital and management seminars, technical conferences, and high-tech exhibitions, and to promote joint interests and partnership in technology among the US, China and Taiwan. CIE/USA also co-sponsors the Sino-American Technology Engineering Conference (SATEC) in Beijing and the Modern Engineering and Technology Seminars (METS) in Taipei every other year.

CIE/USA-DFW Area Chapter

The Dallas-Fort Worth Chapter was established in January, 1989 and registered in the state of Texas as a non-profit organization in 1992. Over the years, the CIE/USA-DFW chapter has established close ties with major corporations and government bodies around the world. Leaders from these sponsoring organizations highlight every year's convention by sharing their experience and insight in business and technology at our evening banquet.

Membership Drive



WELCOME!
TO
OUR
2014
NEW
MEMBERS
&
LIFE TIME
MEMBERS!

CIE/USA-DFW Chapter membership provides value beyond professional development, as more than one hundred life members can attest. Programs sponsored by DFW Chapter are creative, educational, and diverse, providing insights into technology, personal communications, career development, investment strategies, and youth development. As a result, DFW Chapter has experienced tremendous growth in membership since 1989. DFW Chapter expects the growth to continue in the years to come.

Benefits of CIE/USA-DFW Chapter Membership

Technical Advancement – DFW Chapter provides firsthand and first class technical information through our members' affiliation with high-tech industries in the global market and international business.

Networking Opportunities - Attending DFW Chapter sponsored seminars and social activities within each technical group provide abundant networking opportunities.

Employment Opportunities - Attending DFW Chapter job related seminars and networking with our members who are managers in local Fortune 500 companies provides potential employment opportunities.

CIE Website - The DFW Chapter website (www.cie-dfw.org) provides a member directory, news and highlights of DFW Chapter sponsored technical and non-technical seminars and notices of DFW Chapter sponsored business, educational, cultural, and social programs.

Special Discounts - DFW Chapter members enjoy discounts on attending the DFW Chapter annual convention and DFW Chapter sponsored events and activities. Discounts are provided by our sponsors and vendors.

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美洲中國工程師學會全國總會

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Yu Meng 孟愚
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MathComp/MathFun

Pinghai Hao 郝平海
Jihong Chen 陳繼紅

Regional Science Bowl

Rommel Alonzo
Katrina Williams

Chinese Speech Contest

Minning Wu 吳敏寧

English Speech Contest

June Lam 林意凌
Runchun Chen 陳潤春

CYLC Junior Leadership

Shannon Chen 李選能

Young Achiever Awards

Eric Jiang 蔣忠

CYC Camp

Ting-Whai Lee 李庭槐

CYLC Camp

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