CECCO CECUSATOR Annual Convention

EMBRACING INDUSTRY 4.0 AGE: Connectivity and Personalization

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August 15, 2015 Renaissance Dallas Richardson Hotel Richardson, Texas



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美洲中國工程師學會 達福分會 Chinese Institute of Engineers/USA Dallas-Fort Worth Area Chapter

WE'RE PLANNING A BETTER FUTURE FOR OUR COMMUNITIES.

TOGETHER, WE'RE ADVANCING ENERGY, CREATING NEW JOBS AND SUPPORTING ECONOMIC GROWTH.

The infrastructure of today won't support the energy needs of our future. That's why Oncor is investing in new technology to deliver reliable power from multiple sources, including renewable energy. It's happening right here, right now in our communities.

We're empowering customers to save money and be wiser about their energy use by supplying them with new smart meters. And we're helping business be more competitive – and attracting new ones – resulting in more jobs and more local revenue. It's a plan that has economic and environmental impact. It's a plan we can all believe in.

WE DELIVER.



Message From the President



Dr. Xinfen Chen

President CIE/USA-DFW On behalf of the Chinese Institute of Engineers/USA (CIE/USA) Dallas-Fort Worth Chapter, I have the distinct privilege to welcome everyone to our annual convention in celebration of the 26th anniversary of the organization!

In 1917, CIE/USA was founded by a group of visionary engineers who cherished the shared goal of promoting Chinese/Asian-American engineers and scientists. Over the years, this group has evolved nationally and internationally. There are currently seven chapters across the country, with the DFW Chapter established in 1989. We have established a platform for professionals to exchange emerging technological ideas, offering them an opportunity to enhance their professional and leadership opportunities, and developing the youth community. Our focus is to promote community well-being and information exchange in STEM areas.

Today, we are proud that we have not only carried on the heritage and the spirit of our founding engineers, but we have also further increased our membership in leading professions. Our chapter has become one of the most active and influential professional organizations in the DFW area, and we are continuing to pave the way to a bright future for everyone interested in STEM.

The 2015 executive team focused on the organization and system, developing it with standards, procedures, functional ownership, and budget control. We started quarterly sponsor newsletters to enhance the relations. We are pleased to add a brand new program, serving as event partner for a regional robotics competition. That several teams went on to place in world championships are certainly encouraging our students and promoting STEM. We extended our flagship Math Comp program to include 8th grade. This year we also established a new young professional seminar series to benefit the up-and-coming generation. At the same time we initiated a program for our senior members. There is upcoming officer training that includes in-depth practical workshops. More business forum series are planned for the rest of the year.

During this year, the DFW chapter has hosted or sponsored more than 20 high quality programs and events for more than 6,000 people of all ages. Our technical symposia, business forum series, and career development workshops have benefited many professionals in their pursuit of career advancement and STEM education. In addition, our ever strong youth programs have motivated many young students to develop social and leadership skills.

We are standing at the doorsteps of **Industrial 4.0**. We are privileged and honored to have Mr. Victor Nilson, Senior VP of Big Data at AT&T as our keynote speaker for the evening banquet. We have received overwhelming support for our convention from our local industry partners and prominent speakers. We would also like to thank these leaders for sharing their visions and experiences on Internet of Things - Infrastructure and Application, as well as Leadership and Career Development for our discussion and parallel sessions.

I would like to express my heartfelt gratitude to our sponsors for their strong support. All CIE programs are 100% run by volunteers, and I want to specially thank our volunteers and their families for their tireless efforts in moving CIE forward.

Finally I wish for all our guests to enjoy today's program. Best wishes for continued success to all of you.

2015 Technology Symposium Program						
August 15 th , 2015						
Dr. Charley Chu, Symposium Chair						
Keynote Session						
	Symphony Ballrooms 6, 7, 8 Session Chair: Greg Nichols					
1:00 – 1:05 PM	Opening Remark					
1:05 – 1:35 PM	Keynote Speech 1: "IoT: The Internet's Next Evolution"					
	Dr. Yi Zhao, VP of Standardization and Industry Development, Futurewei Technologies					
1:35 – 2:05 PM	Keynote Speech 2: "Human-Centric Innovation"					
	Rod Naphan, CTO & SVP of Solutions & Portfolio Planning, Fujitsu Network Communications					
2:05 – 2:35 PM	Keynote Speech 3: "Be a Founder of a Technology Company"					
	Anuj Jain, Founder and CEO, Orchestra Technology					
Session 1 – IoT Infrastructure: Connected Technologies						
	Harmony Ballroom 1					
	Session Chair: Min Lai					
	Session Chair: Min Lai					
2:40 – 3:10 PM	"Disrupting Educational IT with Virtual Desktop solutions"					
	Dr. Hong Cai, CTO of Cloud Computing, ZTE Corporation					
3:10 – 3:40 PM	"Quo Vadis IoT"					
	Dr. Ariton Xhafa, Project Manager in IoT Lab, Texas Instruments					
3:40 – 4:10PM	"Unleashing the Power of Smart Grid IoT"					
	Dr. Yu Meng, Data Scientist, Oncor Electric Delivery					
4:15-4:40 PM	Panel Discussion					
<u>Session 2 – IoT Applications: Personalized Services</u>						
	Harmony Ballroom 2					
	Session Chair: Charles Chow					
2:40-3:10 PM	<i>"IoT is empowering the Utility of The Future"</i> Michael Van Boven, Director, Technology, Deloitte Consulting					
3:10 – 3:40 PM	"How personalized solutions and IoT can revolutionize the Oil & Gas industry"					
	Elaine Petty, Team Leader, Technical Software, Halliburton					
3:40 – 4:10 PM	"Bioinformatics and Personalized Medicine"					
	Dr. Yang Xie, M. D., Associate Professor and Director, Quantitative Biomedical Research Center,					
	UT Southwestern Medical Center					
4:15–4:40 PM	Panel Discussion					
11						

2015 Technology Symposium Program

Session 3 – Leadership & Career Development

Harmony Ballroom 3 Session Chair: Wen-Shin Wang 2:40 – 3:10 PM "Connectivity and Personalization in Leadership" Kyle Flessner, VP and Manager, WW Manufacturing Operations, Texas Instruments 3:10 – 3:40 PM "Feedback and Feedforward" Suzan Greene, Customer Operation Manager, Oncor Electric Delivery 3:40 – 4:10 PM "Your Career, Your Personal Brand, and STEM" Teena Piccione, Assistant VP, Big Data, AT&T 4:15 – 5:00 PM Panel Discussion Panelists: All above speakers in Session 3, and Kim Cummings, Regional Director/HR at BNSF Railway Carina Reyes, VP of Pre-sales Consulting and Design US Enterprise Delivery, Xerox



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CIE/USA-DFW 2015 Annual Convention Program

Evening Banquet

	Yanli Fan, Master of Ceremonies		
5:20 – 6:20 PM	VIP Reception, Banquet Registration and Social Hour		
6:30 – 6:35 PM	Opening Remarks		
	Edward Yu, 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. Xinfen Chen, President, CIE/USA-DFW		
7:25 – 7:30 PM	Introduction of Keynote Speaker		
	David Lu, Vice President, Business Network & Corporate Solution IT, AT&T		
7:30 – 8:00 PM	Dinner Keynote Address		
	Victor Nilson, Senior Vice President, Big Data, AT&T		
8:00 – 8:15 PM	Special Recognition Awards		
	Dr. Chinpei Tang, Chairman of the Board, CIE/USA-DFW		
8:15 – 8:40 PM	Young Achiever Awards Presentations		
	Dick Cai, Chairperson, Young Achiever Award Committee		
	Dr. Allan Zhong, Vice President, Youth Programs, CIE/USA-DFW		
	Diodes Texas Instruments Oncor Electric Delivery Company Lockheed Martin Huawei USA		
8:40 – 8:55 PM	Election Results		
	Dr. Chinpei Tang, Chairman of the Board, CIE/USA-DFW		
8:55 – 9:00 PM	Closing Remarks		
	Edward Yu, Convention Chair, CIE/USA-DFW		

Banquet Keynote Speaker



Victor Nilson

Senior Vice President of Big Data

AT&T

Victor Nilson was appointed Senior Vice President – Big Data in January 2013, bringing a wealth of experience in building large-scale technology teams, complex platforms and systems. Victor's diverse business experience ranges from the software and travel industries to several roles at one of the largest telecommunications companies in the world.

He is well positioned to develop go-to-market strategies, motivate large teams and drive millions of dollars in revenue. He leads a centralized organization dedicated to advancing AT&T's Big Data capabilities, including the capture, integration and interpretation of data in ways that evolve customer interaction and enable new revenue growth opportunities.

Prior to Big Data, Victor was Vice President for Information Technology, Architecture and Common Services Integration, responsible for directing AT&T Information Technology's Architecture and the Service-Oriented Architecture (SOA) framework, and for building Common Services Solutions. In this role, Victor led a diverse organization spanning across all IT functions and life cycles.

Before joining AT&T, Victor held positions as Vice President of Enterprise Architecture, Vice President of Application Development and Architecture, and Vice President of Architecture and Engineering at Cingular Wireless. His responsibilities included directing the organization's enterprise architecture, developing all mission-critical common services, and the delivery and corresponding operations for key customer channels.

Victor also served as Senior Vice President of Product Development for the Sabre Corporation. He led the development of an advanced analytics organization that was responsible for the development and successful delivery of the first Sabre customer data warehouse (based on Teradata). This provided the data foundation for customer lifecycle analysis and other key CRM related initiatives.

Victor holds a Master's of Business Administration from Southern Methodist University. He is responsible for a number of patents in technology and business. He lives in Dallas, Texas, with his wife and two sons.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Victor Nilson

Senior Vice President of Big Data AT&T

For

Visionary Leadership in Big Data & Advanced Analytics



CHINESE INSTITUTE OF ENGINEERS/USA DALLAS-FORT WORTH CHAPTER

August 15th, 2015

Dr. Chinpei Tang CHAIRMAN

Xinfen Chen

Dr. Xinfen Chen PRESIDENT

Symposium Keynote Speaker



Dr. Yi Zhao

Vice President of Standardization and Industry Development

Futurewei Technologies

(Huawei R&D USA)

IoT: The Internet's Next Evolution

Dr. Yi Zhao is the Vice President of Futurewei Technologies, Inc. (Huawei R&D USA). As Huawei's first USA employee, Dr. Zhao assisted the parent company in successfully establishing the subsidiary organization in Texas. During his career in Huawei USA, Dr. Zhao has been in various leadership roles of company's operation, R&D, sales and marketing, standards, business development, intellectual property rights, and company's public and industry relations.

Dr. Zhao has 30 years experience in ICT industries. Prior to joining Huawei, Dr. Zhao worked for research institutes and major corporations in different technical and managerial positions.

Dr. Zhao has served in the board for numbers of forums and committees in ICT industry including Alliance for Telecommunications Industry Solutions, IPsphere Forum, Open Patent Alliance, and International Committee for Information Technology Standards. He has been frequently invited to speak to various industry and business forums in the USA and China.

Dr. Zhao was a board director for the Dallas Regional Chamber. He is currently a member of the Associate Board for SMU Cox School of Business, and serves as an industry advisor to the Eric Johnson Engineering School in the UT Dallas and the Department of Computer Science and Engineering in SMU. Dr. Zhao served as President (in 2000) and Chairman of the board (in 2001) of CIE/USA - DFW.

In 2008, Dr. Zhao received the Distinguished Alumni Award from The UT Dallas, the highest honor bestowed on alumni who are distinguished in their chosen profession and who demonstrate pride in the University.

Abstract

The Internet of Things (IoT) is projected to be a key enabler for many emerging and future "smart" applications and integrated technology shifts in various service oriented markets. As the IoT moves towards future, standards and technology integrated with global priorities becomes the pathway to the market acceptance. The IoT landscape and standards and technology evolution will be discussed in this talk.

About Huawei

Huawei is a leading global information and communications technology (ICT) solutions provider. Our aim is to enrich life and improve efficiency through a better connected world, acting as a responsible corporate citizen, innovative enabler for the information society, and collaborative contributor to the industry. Driven by customer-centric innovation and open partnerships, Huawei has established an end-to-end ICT solutions portfolio that gives customers competitive advantages in telecom and enterprise networks, devices and cloud computing. Huawei's 170,000 employees worldwide are committed to creating maximum value for telecom operators, enterprises and consumers. Our innovative ICT solutions, products and services are used in more than 170 countries and regions, serving over one-third of the world's population. Founded in 1987, Huawei is a private company fully owned by its employees.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Dr. Yi Zhao

Vice President of Standardization & Industry Development Futurewei Technologies (Huawei R&D USA)

For

Outstanding Leadership in IoT Development and Standardization



CHINESE INSTITUTE OF ENGINEERS/USA DALLAS-FORT WORTH CHAPTER

August 15th, 2015

Dr. Chinpei Tang CHAIRMAN

Xinfen Chen

Dr. Xinfen Chen PRESIDENT

Symposium Keynote Speaker



Rod Naphan

Chief Technology Officer & Senior Vice President of Solutions & Portfolio Planning

> Fujitsu Network Communications

Human-Centric Innovation

Rod Naphan is CTO & SVP of Solutions, Planning, and Portfolio Management at Fujitsu Network Communications, Inc. He is the architect of the Fujitsu vision and portfolio for communications network solutions. Rod's organization engages the industry, imagines the possibilities, and defines future products and solutions.

Rod has broad experience in planning, developing and promoting networking platforms. Over 25 years in the communications industry, he has held various hands-on leadership roles in software and systems design engineering, program management, and product line management across several generations of industry-leading communications equipment and software solutions. Prior to joining Fujitsu, Rod worked as a software engineer at Bell Northern Research in Ottawa, Ontario, Canada.

Rod serves on the Board of Directors for ATIS (Alliance for Telecommunications Industry Solutions) and ONOS (Open Network Operating System, an open source software project), and on technical advisory boards for CIAN (Center for Integrated Access Networks, a National Science Foundation (NSF)-funded university research center of excellence) and for device technology companies.

Rod holds a B.Sc. (Honors) in Computing and Computer Electronics from Wilfrid Laurier University, and a M.Sc. in Systems Design Engineering from the University of Waterloo in Ontario.

Abstract: Paradigms in networking innovation have evolved from computer-centric productivity, through network centric business processes, to an emphasis on supporting human activity. In the current era, innovation is inspired by human interaction with networked technologies for personal, social, and environmental benefit to society. Wireless mobile networks liberate human location, interface, and temporal consumption of network-delivered content and services. We are on the precipice of a 10x increase in connected devices (the Internet of Things), and the convergence of cloud and network service models. Information generated by all of these activities produces unprecedented amounts of data and abundant opportunities for analytics. As human innovation continues to exert more dynamic demands on networks, network technology must grow in intelligence and automation to respond. Across the communications industry, this is driving investment in transformation, which creates exciting new challenges and opportunities for young engineers to shape the future for a human-centric intelligent society.

About Fujitsu Network Communications Inc.

Fujitsu Network Communications, Inc. is a trusted partner to a broad spectrum of customers across all industries, enabling them to realize the maximum value from their communications networks. We are a market-leading US-based manufacturer of network equipment and a top US patent-holder in optical networking technology. We combine the best wireline, wireless, and software technology with extensive multivendor services expertise to deliver custom, end-to-end network integration and management solutions. For more information, please see: <u>http://us.fujitsu.com/telecom</u>.

Special Recognition Award



SPECIAL RECOGNITION AWARD

presented to

Rod Naphan

Chief Technology Officer & Senior Vice President of Solutions & Portfolio Planning

Fujitsu Network Communications, Inc.

For

Outstanding Leadership in Human-Centric Innovation



CHINESE INSTITUTE OF ENGINEERS/USA DALLAS-FORT WORTH CHAPTER

August 15th, 2015

Dr. Chinpei Tang CHAIRMAN

Xinfen Chen

Dr. Xinfen Chen PRESIDENT

Symposium Keynote Speaker



Anuj Jain

Founder & Chief Executive Officer

Orchestra Technology

Be a Founder of a Technology Company

Anuj Jain, Founder & CEO of Orchestra Technology. He is a veteran to the wireless telecommunications industry, bringing a unique balance of business and technology together. He has worked in Telecom, Wireless and IT sectors for over 20 years. He is an entrepreneur at heart who values talent, creativity and loyalty. Prior to joining Orchestra Technology, he was the VP of Professional Services with Acision for three years and built the business for the Americas Region from the ground up. Before Acision, he co-founded Spatial Wireless in 2001 and served as the Vice President of Engineering. Spatial Wireless was acquired by Alcatel in December 2004. He continued at Alcatel and took on the role of CTO and VP of Global Support for the Mobile NGN Core product lines till 2008. Before that, Anuj worked for companies like Siemens AG and Sabre, Inc in Germany and France in Product Development roles. He is a Gold Medalist from Punjab University, PEC, Chandigarh in Electronics and Communications Engineering.

Abstract

Being a founder is a privilege, an opportunity and a responsibility. These dimensions make a founder key to success of an idea, a team and a society. Anuj will share his insights into how he handled these aspects as co-founder of Spatial Wireless and Orchestra Technology in last 15 years. The talk will share how vision and reality come together. He will share some practical ideas to help entrepreneurs in their journey.

About Orchestra Technology, Inc

Orchestra Technology, Inc is focused on Telecommunications industry. Cellular, WiFi and Broadband industry is the back bone of today's connected world. It is poised for further quantum growth due to the avalanche of Internet-of-things, connected car and connected home.

Orchestra Technology provides the solutions which are based on patent pending Intelli-Agent platform (IA). IA Platform is the foundation for multiple products namely, IA – WiFi Suite, IA – Network Suite, IA – Multi-media Suite and IA – Device Suite.

Orchestra Technology also provides a compelling suite of Professional Services to our customers. Services cover four major domains: Network Engineering, Test and Test Automation, Training and Consulting and Custom Software Solutions.

In addition, Orchestra Technology has created Mobile APP based solutions for work flow management, asset tracking and more.

http://www.orchestratec.com/

Special Recognition Award



SPECIAL RECOGNITION AWARD presented to

Anuj Jain

Founder & Chief Executive Officer Orchestra Technology

For

Outstanding Leadership in Technology Entrepreneurship



CHINESE INSTITUTE OF ENGINEERS/USA DALLAS-FORT WORTH CHAPTER

August 15th, 2015

Dr. Chinpei Tang CHAIRMAN

Xinfen Chen

Dr. Xinfen Chen PRESIDENT

Symposium Speakers – IoT Infrastructure / Connected Technologies



authored of holds over

Dr. Hong Cai

Chief Technology Officer Cloud Computing

ZTE USA

Disrupting Educational IT with Virtual Desktop solutions

Dr. Hong Cai is CTO of Cloud Computing at ZTE and is responsible for strategic planning and business development at Cloud & IT product line in ZTE. The products he covers include IT hardware (server, storage), IT software (virtualization, Cloud storage, VDI solution) and data center solutions (Openstack Cloud management, virtual data center management, SDN/NFV solutions, modular data center hardware and data center infrastructure management). Before joining ZTE in 2012, he had been working in IBM for nearly 15 years (1997~2012). He has authored over 50 papers on journals and international conferences and holds over 20 international patents.

Abstract:

In this talk, we will introduce ZTE's advanced Desktop Cloud solutions. We will start with what is Desktop Cloud, and the advantage of this technology compared with the traditional IT system. Next we will talk about typical applications of Desktop Cloud and how it could be enhanced for the education sector. We will also introduce unique features of ZTE Desktop Cloud and several customer cases.



Dr. Ariton Xhafa

Project Manager IoT Lab

Texas Instruments

Quo Vadis IoT

Dr. Ariton Xhafa is a well-known expert in wireless network protocols design, algorithms, and standardization. Currently, Dr. Zhafa is with Wireless Connectivity Solutions at Texas Instruments (TI) leading projects that enable and differentiate TI's radio platforms and making them IoT ready.

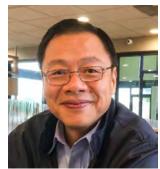
Prior to his current position, Dr. Zhafa led multi-radio coexistence projects. Dr. Zhafa also led TI's effort on IEEE 802.11n MAC standardization, where his contribution led to creation of new adhoc group that worked on 20/40 MHz issue in 2.4 GHz band.

Dr. Zhafa is an IEEE Senior Member, Senior Member Technical Staff at TI, serves as TPC member and Session Chair in IEEE conferences, and helps with workshops for STEM schools in DFW area. Dr. Zhafa received his Ph.D. from Carnegie Mellon University. Dr. Zhafa has filed 97 patent applications with 40 patents issued, has published 9 journal papers and 35 conference papers.

Abstract:

In this talk, we discuss the landscape of Internet of Things. In particular, we breakdown the IoT components and their current status. We then focus and discuss challenges associated with these components, their impacts, and provide an initial take on how these challenges can be addressed.

Symposium Speakers – IoT Infrastructure / Connected Technologies



Unleashing the Power of Smart Grid IoT

Dr. Yu Meng is a Data Scientist at Oncor Electric Delivery, responsible for developing advanced analytics methodology, applications, and systems. Prior to Oncor, he worked at Sabre Holdings, AT&T, Yahoo, and Nortel Networks, designed large scale software systems at the position of software design engineer, solution architect, and design consultant. Dr. Meng received his Ph.D. in Computer Science at Southern Methodist University in 2007, specializing in data mining. He served as President in 2013 and Chairman of the Board in 2014 for CIE/USA DFW.

Abstract:

Dr. Yu Meng

Data Scientist

Oncor Electric Delivery Power grids are probably the largest and most complex network systems on the globe. IoT technologies have been changing the scope of managing the large distribution systems. D-SCADA (Distribution Supervisory Control and Data Acquisition), DMS (Distribution Management System), and OMS (Outage Management System) are widely used to monitor and control the distribution grid. New smart grid technologies, such as AMS (Advanced Metering System), are continuing to improve grid resilience, manage faults, provide accurate measurements, enhance customer experience, and create new business opportunities. This presentation will address the decade-long journey of Oncor in building its IoT systems & innovative applications as an industry leader.

Symposium Speakers – IoT Application / Personalized Services



Michael Van Boven

> Director Technology

Deloitte Consulting IoT is empowering the Utility of The Future

Michael Van Boven is a Director with Deloitte Consulting who has over 14 years of consulting experience in advising and leading large scale and complex business enablement transformations across a variety of industries. Mr. Van Boven is a leading practitioner and recognized thought leader in Deloitte's emerging IoT technology solutions practice with focus on advising leading electric power and utilities companies with transformation and convergence of their operations and underlying IoT technologies to achieve future vision. Mr. Van Boven is active in industry standards groups and has published whitepapers and presented at leading industry conferences with regards to best practice electric power and utility IoT sensor technology integration approaches and considerations.

Abstract: The Power and Utilities (P&U) industry has been flagged as one of leading sectors in the adoption and deployment of IoT in the marketplace. Although IoT (Smart Sensor technology) is not new to the P&U industry, P&U companies have taken their investment and deployment of IoT and Smart Sensor technology to a new level over the past 5-10 years. Using IoT as central vehicle in helping P&U companies to break out of nearly 100 years of operational stagnation and drive them towards more efficient and effective operations ultimately unlocking new value streams for end customers. Michael will share how recent and future IoT investments by the P&U industry will enable the movement towards the Utility of the Future vision including the next generation set of operational capabilities (e.g. distributed generation, analytics) that could directly impact end consumers' live.

Symposium Speakers – IoT Application / Personalized Services



Elaine Petty

Team Leader

Technical Software

Halliburton

How personalized solutions and IoT can revolutionize the Oil & Gas industry

Elaine Petty is the Team Lead for the product owners and user experience groups in the Technical Software department for Halliburton Completion Tools. Elaine has past experience leading products and projects in Marketing Technology for industries such as finance, pharmaceutical sales, and hospitality. Elaine earned a Bachelor of Business Administration in Marketing and a Bachelor of Arts in Psychology from Southern Methodist University. She was a Cox BBA Scholar, SMU Scholar, in the SMU University Honors Program and a Scrum Certified Product Owner.

Abstract:

Creating an enterprise solution aimed at enabling everyone within the organization to get the right information at the right time which enable right decision making throughout the life cycle of a job: 1) Tie together all aspects of work life - from customer relations to running a job; 2) Reduce duplicate of effort; 3) Enhance collaboration; 4) Empower decision making. Game changing that makes stronger organization and happier customers. Always connected!



Dr. Yang Xie, M.D.

Associate Professor and Director

Quantitative Biomedical Research Center, UT Southwestern Medical Center

Bioinformatics and Personalized Medicine

Dr. Yang Xie, M.D., is the founding Director of both the Quantitative Biomedical Research Center and the Simmons Comprehensive Cancer Center Bioinformatics Core at UT Southwestern Medical Center. Dr. Xie's primary expertise is in integrative analysis of big medical data, developing predictive signatures and personalized medicine. She is currently the principal investigator on an NCI RO1 grant (CA152301) for developing comprehensive statistical models to predict adjuvant chemotherapy response. She leads the Biostatistics, Bioinformatics and Data Integration Cores for three large multi-project center grants.

Abstract:

Randomized clinical trials have demonstrated the survival benefit of adjuvant chemotherapy (ACT) in resected non-small-cell lung cancer (NSCLC). Because the response to standard chemotherapy in lung cancer varies, it would be helpful to prospectively identify patients who will benefit from ACT to guide the treatment plan. In this talk, I will present several studies aiming to identify clinically useful gene expression markers for prognosis and response to adjuvant chemotherapy in lung cancer patients.





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8:36 PM

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Symposium Speakers – Leadership and Career Development



Kyle Flessner

Vice President and Manager WW Manufacturing Operations

Texas Instruments

Connectivity & Personalization in Leadership

Kyle Flessner, Vice President of Worldwide Manufacturing Operations at Texas Instruments (TI), is responsible for helping customers get to market on time with innovative products manufactured by Texas Instruments. This includes building and maintaining manufacturing capacity ahead of demand across more than 20 internal manufacturing sites and dozens of external partners to create an efficient global manufacturing infrastructure that builds more than 100,000 products to support more than 100,000 customers.

Abstract:

Much like the electronics industry, career development and leadership continue to evolve. The ability to connect in real time across a global business environment, develop an extensive network and grow your brand is more important than ever. And yet, many of the leadership principles established decades ago still apply. In his presentation, Connectivity and Personalization in Leadership, Kyle Flessner will share how his role in the "people business" led him to his current role, managing the entire supply chain for a Fortune 500 semiconductor company, and how he applies this same philosophy to growing and grooming the next generation of leaders at TI today.



Suzan Greene

Customer Operations Manager

Oncor Electric Delivery

Feedback and Feedforward

Suzan Greene has over 29 years in the utility industry and is currently a Customer Operations Manager at Oncor Electric Delivery. As the Customer Operations Manager, she provides support and assistance with energy delivery issues in the community and represents Oncor in all local, government, civic, and community related initiatives. Suzan currently serves as the Chair of Fort Worth and Tarrant County Arts Council, Chair of the APEX Leadership Development program at Oncor, and a graduate of the distinguished Oncor 2012 Vantage Point Leadership Development program.

Abstract:

In any career, feedback is an essential part of the development process. In this session we will cover why feedback is essential to career development, how you can ask for feedback, and what do you do once you have received it? In addition, the session will cover what happens when you need to go on an employee improvement plan.

Symposium Speakers Leadership and Career Development



Teena Piccione

Assistant Vice President Big Data

AT&T

Your Career, Your Personal Brand, and STEM

Teena Piccione is AVP for AT&T's Big Data organization. Teena began her technical career as an international consultant, and joined BellSouth Long Distance in 1999. She then became the Chief of Staff in IT for AT&T in 2008, managing complex projects before becoming the Executive Director of IT.

In 2013, she became responsible for setting up a Big Data organization from the ground up from business operations to culture building and hiring programs. Today she is AVP determining Big Data solutions and Product Marketing, delivering Big Data products from inception to production.

Abstract: What is your personal brand? How are you viewed by your peers, your team, and your leadership? In this session, Teena will go over six (6) things that will be game changing for your career and your life. Hear a personal brand journey and learn how to create or enhance your personal brand.



Kim Cummings

Regional Director Human Resources

BNSF Railway

Panel Discussion

Kim Cummings is currently Regional Director - Human Resources at BNSF Railway in Ft. Worth where she leads HR teams in Texas, Gulf, Chicago, Southwest, Kansas and California. Additionally, Kim is a Senior Board member and Vice President of HR for the National Association of Asian American Professionals (NAAAP) Dallas-Fort Worth Chapter.

Kim has spent over 18 years in leadership roles encouraging and promoting employee engagement in companies which include Belo (Broadcast Media), Burger King Corporation, Dell and Target Corporation. Kim has received numerous community service and leadership awards over the course of her career. Additionally, Kim is a recipient of the "HR Professional of the Year" designation by Ogletree Deakins Law Firm and the Dallas Chamber of Commerce and a recipient of the 2015 DiversityFIRST[™] Award from the National Diversity Council.

Symposium Speakers Leadership and Career Development



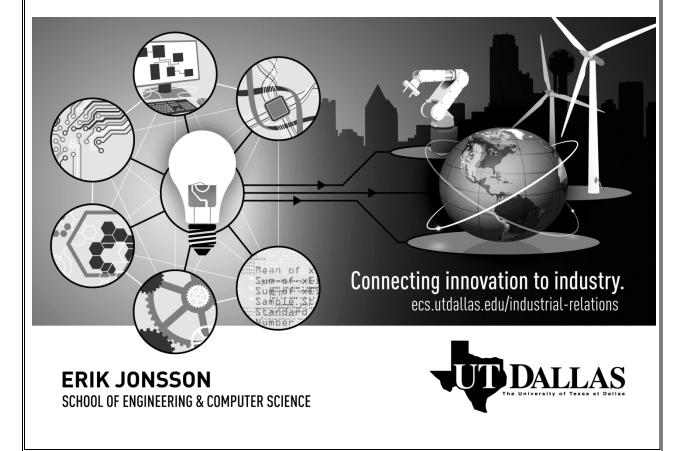
Panel Discussion

Carina Reyes is currently the VP of Pre-sales Consulting and Design, LEO US Delivery of Xerox. She is a transformation leader, connector, strategic thinker with a strong track record leading high performing global teams to deliver high business impact. She is a thought leader in service and program management and change leadership transformation. She has diverse IT service and infrastructure operations experience. She is also a global leader, social media and inclusion and diversity champion.

Carina Reyes

Vice President of Pre-sales Consulting and Design

Xerox



2015 Outstanding Community Service Award

Outstanding Community Service Award

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- US-China Chamber of Commerce of Dallas (USCCC-Dallas)

Individual Contributors Through Employers

- Simon Chang (TI); Xinfen Chen (TI); Pinghai Hao (TI)
- Jihong Chen (TI); Jane Liu (TI); Grace Tyler (Bank of America)
- Fiona Chen (Bank of America); Jikai Chen (TI); Wen-Shin Wang (TI)

Individual Contributors:

Xinfen Chen; Yu Meng; Chinpei Tang; Charles Chow; Grace Tyler; Meimei DiGennaro; Faa-Ching Wang; David Kao; Claire Jung; Edward Yu; Xinxin Sun; Jessica Yang; Sammy Yang; Qing Zhao

2015 Young Achiever Award

Chair: Dick Cai

The Young Achiever Award (YAA) is one of the flagship programs of CIE/USA-DFW Chapter. The YAA is designed to encourage the younger generation of CIE members to achieve high academic performance, develop leadership skills, develop strong interest in science and engineering, and excel in extracurricular and community volunteer activities to enable them to achieve the greatest possible impact in our community. These well-rounded skills will enable them to become strong leaders in this very competitive global market place.

CIE/USA-DFW is honored to have the professionals from various industries to serve as judges in selecting the YAA recipients. All the 20 award recipients were recognized to be truly outstanding based on their extraordinary achievements in academic performance, demonstration of exemplary leadership and voluntary involvement in community activities.

Impressive accolades of the 2015 award recipients include:

Science and Engineering Achievement:

- ✓ Intel International Science and Engineering Fair (ISEF) -1^{st} Place and 3^{rd} Place
- ✓ Four recipients are multiple time American Mathematics Competitions (AIME) qualifiers
- ✓ Exxon Mobil Texas Science and Engineering Fair 1st, 3rd, 4th, and 5th place
- ✓ VEX Robotics US and World Champions
- ✓ Two recipients having published a total of nine research papers

Community Service and Leadership Achievement:

- ✓ Fundraised \$12,000 & 2,000 meals for a homeless shelter
- ✓ Three recipients have received Gold President's Service Awards
- ✓ Future Business Leaders of America 2^{nd} Place state and national qualifier
- ✓ Business Professionals of America 1^{st} Place in State and National Finalist
- ✓ DECA International Testing Finalist and State Champion

<u> Academic Achievement:</u>

- ✓ One recipient has received a perfect SAT score
- ✓ Three recipients are ranked first in their respective schools

Special Talent and Interest Achievement:

- ✓ AAU Junior Olympic Table Tennis 1^{st} Place and medalists
- ✓ Gymnastics State and Region 3 All Around champion
- ✓ Three recipients are part of the Texas All-State Orchestra
- ✓ HOSA State Bronze Medalist and International Qualifier

The YAA trophies and scholarship will be presented to the recipients during the evening banquet tonight.

2015 Young Achiever Award Recipients



Max Bu Shepton High School Coppell High School



Brandon Chow



Colleen Dai Texas Academy of Math and Science



Amy Jia Hockaday School



Bihan Jiang Colleyville Heritage High School



William Tian Plano West High School



Janna Jiang Plano West Senior High School



Megan Li Clark High School



Sabrina Peng Liberty High School



Danny Siu Lamar High School



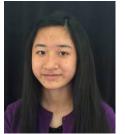
Helena Wu Texas Academy of Math and Science



Kevin Wu St. Mark's School of Texas



Tiger Yang Southlake Carroll Senior High School



Jocelyn Yiu Clark High School



Michael Yuan Texas Academy of Math and Science



Emily Zeng Liberty High School



Shoshana Zhang Texas Academy of Math and Science



Alice Zhao Shepton High School



Vivian Zhou Hockaday School



Richard Zhu Jasper High School



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- 協助行政院於服務地區舉辦延攬海外科技人才活動,協助科技部推動科 技台灣探索(候鳥計畫)及龍門計畫等
- 代表國內科技單位出席學術性會議,或代為蒐集科技相關資訊及撰提研 究報告以供參考
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2014/2015 CIE/USA-DFW Activites and Events

Date	Event	Event Chair	Location
Aug 15-17, 2014	2014 25 th Anniversary Convention	Simon Chang	Renaissance Richardson Hotel
Aug 15, 2014	2014 Convention – Technical Tour	Lin Guo	Oncor, TI and AT&T
Aug 16, 2014	2014 Convention – International Technology Symposium	Dr. Tao Wang, Simon Chang & Arnold Zhang	Renaissance Richardson Hotel
Aug 16, 2014	2014 Convention – VIP Reception	Marrisa Yang & Wen-Shin Wang	Renaissance Richardson Hotel
Aug 16, 2014	2014 Convention – Evening Ceremony	Edward Yu & Simon Chang	Renaissance Richardson Hotel
Aug 17, 2014	2014 Convention – Energy Executive Forum	Dr. Qing Zhao	Renaissance Richardson Hotel
Oct 11, 2014	2014 Leadership and Career Development Seminar	Alicia Keng & Henry Chi	UT Dallas
Nov 15, 2014	2014 Retirement Planning for Technical Professionals Seminar	Dr. Faa-Ching Wang	DFW Excellerator
Dec 13, 2014	2015 Officer Orientation	Dr. Xinfen Chen	TI Texins Activity Center
Jan 17, 2015	2015 Technical Forum Series – Rise of a China-based Global Technology Leader	Michael Wang	Davis Library
Jan 25, 2015	2015 Technical Workshop on Web Design for Non-Profit Organizations	Hongwei Gao	Parr Library
Jan 31, 2015	2015 CIE Night	Dr. Xinxin Sun	Maxim's Restaurant
Feb 7, 2015	2015 CIE VEX Robotics Competition	Arnold Zhang	Rice Middle School
Feb 28, 2015	Sponsored Program: 2015 ACP-TI Food and Culture Festival	Dr. Xiang Luo & Dr. Yu Meng	PCAC Church
Mar 7, 2015	2015 Spring Technical Symposium – IoT: Application and Personalization	Simon Chang & Wenxiong Wu	UT Dallas
Mar 7, 2015	Sponsored Program: 2015 Spring Festival Gala of the Year of Goat	Dr. Xiang Luo	UT Arlington
Mar 14, 2015	2015 CIE Young Professional - Mixer	Wen-Shin Wang	BJ's Restaurant
Mar 29, 2015	2015 Leadership Assessment & Mentoring Program (LAMP)	Danhuai Wu	UT Dallas
Apr 18, 2015	Sponsored Program: 2015 Youth Chinese Speech Contest	Minning Wu	UT Dallas
May 16, 2015	Sponsored Program: 2015 CYLC Junior Leadership Seminar	Shannon Chen	GDX Carrollton
Jun 6, 2015	2015 MathComp/MathFun	Dr. Allan Zhong, Dr. Ximing Zhang & Arnold Zhang	Collin College Spring Creek Campus
Jun 27, 2015	2015 DFW Youth English Speech Contest	Rachel Hua	Collin College Spring Creek Campus
Jun 28-Jul 4, 2015	Sponsored Program: 2015 Chinese Youth Camp (CYC)	Ting-Whai Lee	UT Arlington
Jul 20-25, 2015	Sponsored Program: 2015 Community Youth Leadership Camp (CYLC)	Shannon Chen	TAMU-Commerce
Aug 15, 2015	2015 Young Achiever Award (YAA)	Dick Cai	Renaissance Hotel
Mar - Jul 2015	2015 CIE Young Professional - Seminar Series	Wen-Shin Wang	TI Texins Activity Center

Twelve DFW city mayors proclaimed August 15, 2015, as "CIE Day 2015" in their cities in recognition of the services CIE/USA-DFW delivered to the community. We appreciate the support from the mayors of Allen, Carrollton, Dallas, Farmer's Branch, Fort Worth, Frisco, Garland, Irving, Lewisville, McKinney, Plano and Richardson.

Two of CIE/USA-DFW's celebrations are the Annual Convention and CIE Night. These events bring the community together as the organization celebrates its achievements and looks to the future.

CIE/USA-DFW Annual Convention:

Chairs: Simon Chang and Edward Yu

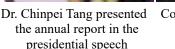
CIE/USA-DFW Annual VIP Reception:

Chairs: Wen-Shin Wang and Marrisa Yang

CIE/USA-DFW celebrated its 25th anniversary at the annual convention's evening ceremony at the Renaissance Richardson Hotel on August 16, 2014, where the organization's accomplishments were recognized by local government, corporations, universities, and community organizations.







Convention Chair, Simon Chang of Texas Instruments



Dance performance by YAA recipient Heather Xiao



More than 450 people attended the dinner banquet





MC of the evening ceremony, Arnold Zhang of Oncor

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



Piano performance by YAA recipient Kevin Wei



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



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



Honorable mayor of Richardson, Laura Maczka



Honorable Mayor Maczka recognizing Whitney Wolf



Cecelia Smith of Texas Instruments receiving Outstanding Community Service Award



Robert S. Shapard receiving a recognition plaque



Honorable Mayor Maczka recognizing Dr. Faa-Ching Wang



Honorable Mayor Maczka recognizing Mark Carpenter



Robert Shapard of Oncor receiving Outstanding Community Service Award



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



Cecelia Smith of Texas Instruments with the Young Achiever Award recipients



David Partido of the Lockheed Martin with Young Achiever Award recipients



Cake cutting ceremony by CIE/USA-DFW past presidents



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



Robert Shapard of Oncor with the Young Achiever Award recipients



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



CIE/USA-DFW 2015 officer and board member team

CIE Night:

Chair: Dr. Xinxin Sun

To welcome the Lunar Year of the Goat and celebrate the Chinese Spring Festival, the CIE-USA/DFW Chapter held its annual "CIE Night" gala at Maxim Restaurant in Richardson, Texas, on January 31st, 2015. Over 180 guests attended this celebration, including CIE members, board members, team officers, volunteers, and guests and their family members.

Traditionally, all CIE programs are 100% run by volunteers, and are only made possible through their hard work. CIE would like to thank these volunteers for their contributions, and their family members for their support.

CIE provides a platform for volunteers to practice their leadership skills, and offers a great opportunity to serve the community and for personal growth.



Over 180 people attended the event



Executive Members for 2015



r. Faa-Ching Wang (left 2) and Grace Tyler (left 1)



Cello solo by David Lu



Flute, erhu and guitar lute trio

2014-2015 Technical Session

The goal of the Technology Symposiums and Workshops is to promote knowledge exchange amongst technical professionals. Topics covered include big data, website design and development, and the internet of things.

Fall Technical Tour:

Chair: Lin Guo

The CIE/USA-DFW and Taiwanese visitors (sponsored by the Science and Technology Division of TECO, the Taipei Economic and Cultural Office) went on a very productive technical tour of Oncor, Texas Instruments' Kilby Labs, and AT&T's Plano Foundry on August 15, 2014.



CIE/USA-DFW members and Taiwanese visitor team with Oncor executives



CIE/USA-DFW members and visitors in the lobby of Oncor's headquarters



Paul Emerson and Kelly Krantz, General Manager and Senior Engineering Technician of Kilby Labs



Visitors at the front door of Texas Instruments Kilby Lab



Vinay Kundaje welcoming visitors at the AT&T Foundry



AT&T Foundry

Fall Technical Symposium:

Chairs: Dr. Tao (Reno) Wang, Simon Chang and Arnold Zhang

The International Technology Symposium was held in conjunction with CIE/USA-DFW's 25th Anniversary Annual Convention on August 16, 2014, at the Renaissance Richardson Hotel. The theme of the symposium was "Smarter Data, Smarter Energy, Smarter People".



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



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



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



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



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



More than 250 people attended the keynote session



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



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



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



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



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



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



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



Markus Staeblein, General Manager at Texas Instruments, presented on "Semiconductor Technologies Driving Smart Grid Innovation"



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



Attentive audience at the "Smart Energy" session



Joe Wolf, T&D Manager at Oncor, presented on "Oncor's SmartGrid Journey"



"Wind Generation Development in ERCOT" by Dr. Fred Huang, supervisor of Dynamic Studies Group at The Electric Reliability Council of Texas (ERCOT)



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



MC of L&CD session, Alex Zhang



Elaine Kung, Product Marketing Director at AT&T, presented on "Investing in Networks of Relationships"



Speakers and committee members: Back row from right to left: Marrisa Yang (MC); Alex Zhang (MC); Dr. Xinfen Chen; Angela Fu (Moderator), Mark Yang (Moderator)



Abby Chu, Assistant Admission Counselor at Southern Methodist University (SMU), panelist



Oncor Electric Delivery Company booth at the symposium



"Role of the Educational Counselor" by Dr. Kamakshi Sridhar, Director of Wireless at Alcatel-Lucent.



Panel discussion at the L&CD session. From left to right: Dr. Patrick M. Martin, Dr. Kamakshi Sridhar, Praful Madhani, Abby Chu, Elaine Kung



Registration for the symposium



Texas Instruments DLP booth at the symposium

Energy Executive Forum:

Chair: Dr. Qing Zhao

The Energy Executive Forum was held in conjunction with CIE/USA-DFW's 25th Anniversary Annual Convention on August 17, 2014. The goal of the forum was to provide a platform for professionals in the field of energy to discuss emerging technology, lessons learned, and opportunities.



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



Mike Blevins, retired COO at Luminant, presented on "Lessons Learned from the Nuclear Power Industry for New Plant Construction"



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



Speaker Xiaolin Lu (TI) with CIE officers



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



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



Speaker Mark Carpenter (Oncor) with CIE officers.



Speaker Mark Blevins with CIE officers

Spring Technical Symposium:

Chairs: Simon Chang and Wenxiong Wu

CIE/USA-DFW held a successful Spring Technical Symposium on the Internet of Things (IoT) at the University of Texas at Dallas on March 7th, 2015. The symposium featured a keynote speech by Joel Austin, VP and Chief Information Officer of Oncor Electric Delivery, followed by presentations by five industry experts and executives from ZTE Texas, Fujitsu, Oncor Electric Delivery, ATCG Solutions and Blackberry.



Symposium speakers/panelists and Symposium Committee Members. From left to right: Jon Pettit(Oncor), Ariton Xhafa(TI), Dick Cai(Symposium Moderator, Voko), Chinpei Tang(CIE), Bill Beesley(Fujitsu), Craig Lee(AT&T), Maria Wei(ATCG Solutions), Ed Hightower(BlackBerry), Weijun Lee(ZTE USA), Simon Chang(Symposium Chair, TI), Greg Nichols(Symposium MC, Oncor).



Keynote Speaker: Joe Austin, VP and CIO, Oncor



Symposium Auditorium



CIE/USA-DFW 2015

Huawei Technical Forum:

Chair: Michael Wang



VP Huawei, CIE Board of Director, Tony Chang



Enthusiastic Audience

Web Design Technical Workshop:

Chair: Hongwei Gao

On January 25, 2015, CIE/USA-DFW hosted a technical workshop at Plano's Parr Library that focused on website design for non-profit organizations. Web design and development is a challenge for non-profit organizations, because they do not have the resources to take on long-term design. This seminar aimed to introduce the latest technology and applications to make web design easy, and help web development for non-profit organizations by sharing knowledge and resources.



Presenter Edward Li



Event Chair Hongwei Gao



Mr. Chang-Yang Yuan, Technical Staff, Huawei



Committee members and volunteers



Presenter Michael Wang

2015 Young Professionals Sessions

To help business professionals who have just begun their careers, CIE/USA-DFW hosted Young Professionals Sessions, which included events such as the Leadership Assessment and Mentoring Program (LAMP), the Leadership and Career Development Seminar, and the Young Professionals Program. These sessions featured leading industry figures as guest speakers, provided a platform for students to demonstrate their debate skills, and offered an opportunity for young professionals to socialize among peers and share their experiences.

Young Professionals Program:

Chair: Wen-Shin Wang

The CIE/USA-DFW Young Professionals Program is an ongoing series of informative seminars and social mixers for those who have recently entered the workforce. The goal of this program is to provide advice to these professionals about short to mid-term career development, as well as offer opportunities for them to meet in a less formal setting.

Seminars are held monthly and include topics such as time management, budgeting for major purchases, and setting priorities, while the mixers are held quarterly in popular venues. Previous speakers come from various backgrounds and include: Jeff Dougan (Product Line Manager, Texas Instruments), Karin McIntosh (Vice President of Business Development, Lighthouse Financial Group), and Elaine Kung (Director of the Fiber Broadband Program platform, AT&T).



Young Professionals mixer



Seminar attendees



Recognition of seminar speakers

2015 Young Professionals Sessions

Leadership Assessment and Mentoring Program:

Chair: Danhuai Wu

LAMP is one of CIE's longstanding events for young professionals. This year David Lu, Vice President of Business Solutions Development from AT&T, delivered an inspiring keynote speech to over 150 attendees, and shared his core values for successful leadership, career development and networking. He gave three suggestions to the audience: build your personal approach, find your role, and be yourself.

Next, there were Debate and Mock Interview sessions. In the Debate session, six participants were divided into two teams. Both teams participated in a riveting debate on the topic "Engineers Occupying Management Position is A Waste of Resources". Three panelists, Jeffery Cornell (Assistant City Attorney, City of Dallas), Kevin Hill (Oncor Director, IT Network Services), and James Curl (Senior Manager, Deloitte Consulting) gave feedback on team and individual performances, and offered advice for improvement.

In the Mock Interview session, six talented young professionals performed the role of "job candidates". Six panelists were also invited to assume the roles of "recruiters". These panelists were David Lu (Vice President, AT&T), Kim Cummings (Regional Director - HR, BNSF Railway), Elaine Kung (Director of Fiber Broadband Program, AT&T), Laura Malone–Miller (Tax Manager, PwC), Mary Guan (Director of the Graduate Accounting Program, UT-Dallas), and Suz Ramsbottom (Factory Manager, Texas Instruments). During the job interviews, the candidates and panelists interacted through cross-questioning. Afterwards, the panelists discussed each candidate's performance and provided the candidates and audiences with targeted, well-crafted feedback, and interview tips.



Participants and judges



Debate session



Enthusiastic audience

2015 Young Professionals Sessions



Mock interview questioning



Debate judges

Leadership and Career Development Seminar:

Chairs: Alicia Keng and Henry Chi

CIE/USA-DFW collaborated with the University of Texas at Dallas' Taiwanese Student Association (TSA) on the Leadership and Career Development Seminar on October 11, 2014, from 1:30 p.m. to 4:00 p.m. at the Texas Instruments Auditorium at UT Dallas. The emcees were Lin Guo and Rosie Xiu Chen, and the event was chaired by Alicia Keng and Henry Chi from UTD TSA. It was well attended by 70 enthusiastic students and young professionals.

Three experienced speakers with broad backgrounds gave presentations during the seminar: Dr. Faa-Ching Wang (Retired Business Unit General Manager, Texas Instruments), Dave Hill (Professional Speaker, Dave Hill Speaks LLC), and Onanong Kamolvat (Global Trade Services, Maxim Integrated). These speakers shared tips to help young professionals build successful careers.



Group picture with the speakers. From left: Dr. Chinpei Tang, Dr. Faa-Ching Wang, Onanong Kamolvat, Dave Hill, and Alicia Keng



The event was well attended by more than 70 enthusiastic young professionals and students



Group picture with MC's and event chairs. From left: Rosie Xiu Chen, Dr. Chinpei Tang, Alicia Keng, Lin Guo and Henry Chi



Group picture of the event committees and speakers



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Côte d'Azur

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In 2015, CIE/USA-DFW organized three main events for its Youth Programs: the VEX Robotics Competition, its flagship MathComp/MathFun program, and the Young Achiever Awards. CIE/USA-DFW sponsored additional events for young students, such as the Chinese Speech Contest, English Speech Contest, Chinese Youth Camp, and Community Youth Leadership Camp.

VEX Robotics Competition:

Chair: Arnold Zhang

On February 7, 2015, hundreds of motivated high school students, in twenty teams from Texas and Oklahoma, came to Rice Middle School to participate in the first CIE-hosted regional VEX Robotics Competition (VRC).

The VEX VRC, spanning 32 countries and more than 10,000 teams, is a competition for middle and high school students using the VEX robotics platform, presented by the Robotics Education & Competition (REC) Foundation. A hands-on activity that incorporates multidisciplinary STEM elements, the robotics program engages the minds and hands of the students, who iteratively design, build, and test their robots, challenging their teamwork and ability to learn and grow.

Each year, an engineering challenge is presented in the form of a game. Students, with guidance from mentors, use the VEX Design System to build innovative robots to score the most points in team-based Qualification matches, Elimination matches, and Skills Challenges (autonomous and controller modes). The teams program controls and build robots within inspection requirements. Teams gain experience by interviewing with engineering judges for an array of merit awards. Regional-qualifying tournament winners can move onto regional, national, and worldwide levels.

The 2014-2015 Skyrise competition consisted of robots competing in a time match, where teams of two alliances race to gain the most points by moving cubes, stacking yellow Skyrise posts, and hanging hollow cubes onto their Skyrise posts. The competition proceeded tournament-style, where teams faced off in repeated machine-randomized Qualification rounds, after which the top teams selected teams in Alliance with whom to compete in the intense Elimination rounds.

At the end of a fun-filled day, the team alliance of Crossfire (Austin Academy for Excellence), IronWave (home-schooled, Greenville), and Wildcat Robotics (Ponca City High School) won the tournament championship over a highly competitive three-round final. These teams advanced to the Texas regional championships and the US Open Robotics national championships. Several teams participating here competed in the World Championships on April 15-17, including IronWave, Crossfire, and T-VEX, and Sachse High School teams. Altogether they placed twice in 1st and twice in 2nd's for the different championship divisions.

CIE/USA-DFW Youth Programs seeks to promote and encourage hands-on engineering activities such as robotics design and operation, and plans to continue to organize and host VEX VRC's.

Award	Team	School/organization	
	26	IronWave - Home-school (Greenville, TX)	
Tournament Champions	476F	Wildcat Robotics - Ponca City High School	
	7504X	Crossfire - Austin Academy for Excellence	
Design Award	7504E	Enderphase - Austin Academy for Excellence	
Judges' Award	9394	Lion-Fox, Inc New Diana High School	
Sportsmanship Award	26	IronWave - Homeschool (Greenville, TX)	
Excellence Award	7504X	CrossFire - Austin Academy for Excellence	



Three Tournament Champion Teams: IronWave (home-schooled, based in Greenville), Wildcat Robotics of Ponca City High School, Crossfire of Austin Academy for Excellence



Robots in action



Skyrise challenge



The CIE 2014-2015 VEX Judges — (from left): Keith Quigley (FedEx), Ben Stephenson (Dallas Water Utilities), Priya Balasumbramaniam (Fujitsu), judge advisor Yin Yang (Zexi Biomedical Innovation), Bill Bodwell (Industrial Networking), Greg Nichols (Oncor), Mark Wolfe (Texas Instruments)



Championship Alliance receiving their trophies

The VEX Robotics Competition owed its success to the contributions of volunteers. RECF provided much guidance: Texas regional manager Thomas Mead and Daniel Greenfield. Seven professionals provided quality judging. The event organizing and partner team, led by Arnold Zhang, included VP Youth Programs Dr. Allan Zhong, President Dr. Xinfen Chen, Grace Tyler, Yiya Hao, Mike Xu, Greg Nichols, Susan Yin, Bill Wood, Marrisa Yang, and Rachel Hua. Forty members of the North Texas Youth Honor Society reliably supported event operations.

Math Comp/Math Fun:

Chairs: Dr. Allan Zhong and Dr. Ximing Zhang

The 26th annual CIE/USA-DFW MathComp/MathFun event was held on Saturday, June 6, 2015, at the Collin College Spring Creek Campus. The event consisted of multiple parts: a math competition for students in grades 1 to 8, during which a concurrent parenting seminar was held, and the MathFun portion following the competition and seminar.

Over 800 people participated in this event, including over 120 volunteers, 260 contestants, and their family members. It was honored to have Thomas Mead, Texas regional manager for VEX Robotics of the Robotics Education and Competitions Foundation (REC Foundation), speak on the topic of "Utilizing Robotics to Reinforce Mathematics". Over 250 parents attended the parenting seminar.

The MathFun portion was the most exciting part of the day for many students. Nineteen organizations provided fun and interesting activities including math problems, brain teasers, science-based games, chess, electric circuits, and robotics demonstration. Students hurried to solve as many problems as possible in order to earn tickets and exchange them for prizes.

MathComp/MathFun 2015 was chaired by Dr. Allan Zhong and co-chaired by Dr. Ximing Zhang. On behalf of CIE/USA-DFW, the committee would like to express sincere appreciation to all the volunteers and corporate sponsors including Texas Instruments, Oncor, Huawei, AT&T, IBM, Halliburton, and Cindi's New York Delicatessen for their contributions in making this event a great success.



Award Ceremony MC: Jeffrey Cornell



Parenting Seminar Speaker: Thomas Mead



Parenting Seminar MC: Arnold Zhang



Program Chairs: Dr. Allan Zhong & Dr. Ximing Zhang



Inspirational Speaker: Monica Dirden



Grade 1 winners and presenter Will Zhou, TI



Grade 3 winners and presenter Anh Vo, Cindi's



Grade 5 winners and presenter Timothy Blystone, AT&T



Grade 2 winners and presenter Qing Zhao, Oncor



Grade 4 winners and presenters Xiaogan Yu & Ai He, Huawei USA



Grade 6 awardees and presenter Michael Wang, CIE



Grade 7 awardees and presenter Raymond Ye, Halliburton



Grade 8 winners and presenter Grace Tyler, CIE



Halliburton MathFun booth



Texas Instruments MathFun booth



MathComp/MathFun volunteers



Oncor MathFun booth

2015 MathComp Winners							
e	1^{st}	Aaron Kuang	4 th	Amanda Yi		Isabella Luo, Brice Jiang, Alexander Cheung,	
1 st Grade	2 nd	Andrew Lu	5 th	Megan Li		Kaitlyn Fan, Vivian Huang, Ansel Jones, Aiden	
9	3 rd	Harini Venkatesh	6 th	Michael Yang		Wan, Fay Xu, Ethan Wang	
e	1^{st}	Matthew Xie	4^{th}	Ava Li			
2nd Grade	2^{nd}	Audrey Perry	5 th	Jonathan Wang		James Zhou, Sunnie Wang, Eddie Huang, Erin Beall, Ellen Li, Chandini Elango	
C G	3 rd	Andrew Yu	6 th	Rayna Li		Erin Bean, Ellen Li, Chandini Elango	
e	1^{st}	Randy Guo	4^{th}	Harry Wang		Ethen Has Ander Oin Asnen Zhan Aditan	
3rd Grade	2^{nd}	Chenxi Zhang	5 th	Grant Hu		Ethan Hao, Andy Qin, Aaron Zhou, Aditya Shivaswamy, Andy Li, Katie Zhao	
9	3 rd	Max Yin	6 th	Albert Jiang		Shivaswaniy, Andy Li, Katie Zhao	
le	1^{st}	Ian Chen	4^{th}	Alena Zhang	suo	Amber Li Kavin Liu Waitaa Shi Danial	
$\frac{1}{2}$ Grade $\frac{1}{2}$		Patrick Lu	5 th	Jonathan Ho	nti	Amber Li, Kevin Liu, Weitao Shi, Daniel Wang, Otto Beall, Laura Tan	
, Q	3 rd	Charles Cheung	6 th	Ray Chu	Me	wang, Otto Bean, Laura Tan	
	1^{st}	Rithvik Ganesh	4^{th}	Jeremy Yu	ole	Alan Lin, Max Yu, Eric Wang, Evan Wang,	
5th Grade	2^{nd}	Ethan Zhang	5^{th}	Luke Liu	orat	Brian Jiang, Pranav Mukund, Wei-Jet Chiew,	
5 Gr	3 rd	Andrew Wan	6 th	Navya Ramakrishnan	Honorable Mentions	Praachi Khandekar, Charles Hou, Anay Gupt	
e	1^{st}	David Yang	4 th	Kai Tsuei		Lillian Va Emand La Saaha Mittal David La	
6th Grade	2^{nd}	Srikar Talluri	5 th	Jennifer Xiong		Lillian Ye, Ernest Lu, Sneha Mittal, David Lu, Jennifer Su, Anagha Gouru	
9	3 rd	Michelle Zhu	6 th	Angela Yi		Jennifer Su, Anagna Gouru	
e	1^{st}	Austin Ma	4 th	Michael Ying		Der Vie Derels Oie Erie 7hans Karin Mana	
7th Grade	2^{nd}	Stacy Wang	5 th	Rohan Nagabhirava		Ray Yin, Derek Qin, Eric Zhang, Kevin Meng, Andrei Spiride, Jonathan Liu	
9	3 rd	Nicholas Zhong	6 th	Maxwell Jiang		Andrei Spiride, Jonaulan Liu	
8th Grade	1 st	Richard Luo	3 rd	Jerry Chen			
81 Gra	2^{nd}	Michael Zhan	4^{th}	Jeffrey Jehng			

English Youth Speech Contest:

Chair: Rachel Hua

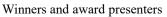
CIE/USA-DFW and the Texas Dragon Toastmasters club held a successful event on June 27th, 2015 at the Collin College Conference Center at Spring Creek. The goal of the program is to foster self-confidence, promote interest in public speaking, provide an opportunity for youths to enhance their speaking skills by competing, and recognize the best to encourage all. The program attracted 104 students from grades 1 to 8.

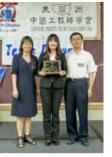
Grade	1st Place	2nd Place	3rd Place	Honorable Mention
1st Grade	Harini Venkatesh	Kaitlyn Fan	Aakash Arulkumaran	Isabella Luo
2nd Grade	Sunnie Wang	Rayna Li	Harris Xie	Prisha Bhat, Melinda Hu, Connor Tran
3rd Grade	Amy Zhou	Christina Dong	Angelina Dong	Sanjana Arulkumaran
4th Grade	Brain Zhou	Advika ⁄aradharajan	Kyle Letterer	Melody Hu, Ryan Xie, Madison Tran, hriya Bhat, Nikhil Jain
5th Grade	Tanaz Muhamed	Charles Hou	Zachary Tian	Jeffery Chen, Olivia Fan, Pranav Jukund
6th Grade	Anagha Gouru	Tejas Bansa	Ayushi Sinha	Lillian Ye, Abraham Tsai, Jonathan Yin
7th Grade	Kevin Meng	Emily Huang	Stacy Wang	
8th Grade	Alice Hou	Aniket Matharasi	Smriti Awasthi	
9th Grade	Tristan Zhang	David Sun	Christina Yuan	
10-12th Grade	Saba Suhai	Saw Awasthi		



The supportive audience







Event Chair: Hua Rong

2015 Fall

Semester

starts 8/30

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- 2. Contact us if parents or students like to preview the classes

Times: Sunday 12:00pm-5:00pm Address: Parkhill Junior High School 165000 Shadybank Dr. Dallas, TX 75248 Enrolment eligibility: Children 5 years old and up, all adults School calendar: 2 semesters a year (Fall and Spring) total 29-30 weeks.

Email: dmcls.academic@gmail.com Phone Number: 214-403-6257

CIE/USA-DFW 2015

Chinese Youth Speech Contest

Chair: Minning Wu

The CIE/USA 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 18th.

This year's speech contest, same as the past 4 years' contests, received strong support from 20 public and private schools in the North Texas area. The contest attracted over 160 students from Pre-K through Grade 12. Among them, about one third of contestants came from non-Chinese family. 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 trainings were taught by Ms. Lia Bai, founder of Speech Fun and seasoned contestant at Toastmaster speech contests.

Grade	1 st Place	2 nd Place	3 rd Place
E1 Nonheritage PreK	Ethan Jeon	Shelbie Livingston	Cannon Austin
E2 Nonheritage K-G1	Ansel Jones	Vanessa	Shirley Bracewell
E3 Nonheritage G2-G3	Zoie Carlile	Jolie Carlile	Masaki Zhang
E4 Nonheritage G4	Athul Mohanram	Mistaya Robb	Rachel Wang
E5 Nonheritage G6-G7	Nathalie Brzesowsky	Rachel Burnett	Clarice Lin
F1 Nonheritage G9	Avery Pearson	Calvin Hosler	Kal Buscaino
F2 Nonheritage G10	Ellea Lamb	Joshua Kowal	Courtney Rourk
F3 Nonheritage G11-G12	Michael Johnston	Roger Wong	Nina
A1 Heritage PreK	Leah yang	Ted Zhou	Owen Gao
A2 Heritage K	Vivian Zhou	Maggic Cheng	Jaelyn Liu
A3 Heritage G1	Tiffany Zhang	Kaylani Zhang	Audrey Liu
A4 Heritage G1	Lexing Wei	Everett Jin	Josephina Qiu
A5 Heritage G2	Sunnie Wang	Melinda Hu	Nora Wang
A6 Heritage G2	Derek Liu	Rayna Li	Jingqi Guo
B1+B2 Heritage G3	Aliden Ho	Richard Li	Yijin Jinni Wang
B3 Heritage G4	Victoria Li	Brady Zeng	Kyle Letterer
B4 Heritage G5	Jingyao Guo	Charles Hou	Crystal Manyloun
C1 Heritage G6	Shawn Wang	Kelly Zhao	Alex Fang
C2 Heritage G7-G8	Kevin Meng	Brandon Wang	Alice Hou
D1 Heritage G9-G12	Vanessa Sun	Gavin	Jocelyn Lo



Chinese Speech Contest (CSC) Award Ceremony



CSC committee with chief judge Grace Taylor



CIE/USA-DFW 2014

Retirement Planning for Technical Professionals

Chair: Dr. Faa-Ching Wang

As CIE/USA-DFW celebrated its 25th anniversary in 2014, the organization reflected on the changes it experienced from its start to maturity. Its senior members, too, had likewise matured, and now contemplated the next stage of their lives. Thus, the "Life Council", which leveraged accumulated wisdom in exploring the post-retirement well-being of senior members, was established.

The "Retirement Planning for Technical Professionals Seminar", was held on Nov 15, 2014, explored conceptual needs of the growing number of senior members going into post-retirement life. Three major aspects of retirement planning were touched upon in this session, including personal and routine development, finance, and healthcare planning. These topics were discussed by Dr. Faa-Ching Wang, Retired Business Unit General Manager of Texas Instruments, Harry C. Loftus, SVP Wealth Management of Merrill Lynch, and Dr. Narcisa Dusa, M.D. of Internal Medicine/Care Exceeding Expectations.



Seminar speakers



Harry Loftus, CFP, SVP Wealth Management of Merrill Lynch



More than 40 people attended the seminar

Dr. Narcisa Dusa, M.D. of Internal Medicine/Care Exceeding Expectations!

Panel discussion

CIE/USA-DFW Since 1989



Dr. Faa-Ching Wang, Retired Business Unit General Manager of Texas Instruments



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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

CIE/USA-DFW Chapter membership provides value bevond professional development, as more than three hundred life members can attest. Programs sponsored by DFW Chapter are creative, educational, diverse, providing insights into and 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** WELCOME! Technical Advancement - DFW Chapter provides firsthand and first class technical information through our members' affiliation with TO high-tech industries in the global market and international business. Networking Opportunities - Attending DFW Chapter sponsored **OUR** seminars and social activities within each technical group provide abundant networking opportunities. 2015 Employment Opportunities - Attending DFW Chapter job related seminars and networking with our members who are managers in local NEW Fortune 500 companies provides potential employment opportunities. CIE Website - The DFW Chapter website (www.cie-dfw.org) provides MEMBERS 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 LIFE TIME attending the DFW Chapter annual convention and DFW Chapter sponsored events and activities. Discounts are provided by our sponsors MEMBERS! and vendors.

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