

2024

September 14

CIE/USA-DFW
ANNUAL CONVENTION



Technology Fusion

SHEPHERDING TECHNOLOGY FOR HUMANITY

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





Good Energy. Strong Communities.

More than 4,800 Oncor employees call our service area home, making your neighborhood our neighborhood too. It's an honor for us to serve more than 400 communities and 98 counties.

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Letter

from the Presidents



CIE/USA-DFW Chapter's MISSION is to enable the growth of current and aspiring engineers and technologists by providing a platform for technical exchange, professional networking, and STEM awareness.

On behalf of the Chinese Institute of Engineers/USA Dallas-Fort Worth Chapter (CIE/USA-DFW), we warmly welcome you to the 2024 Annual Convention!

This year marks the 35th anniversary of the CIE/USA-DFW Chapter. CIE/USA was established in 1917, and the DFW Chapter, as one of its seven chapters, was founded by Dr. Faa-Ching Wang in 1989 to benefit the DFW area. For over three decades, as one of the most active non-profit organizations in the DFW area, CIE/USA-DFW Chapter has been serving as a platform for technical exchange, professional networking, while inspiring the next generation of engineers and technologists by promoting STEM awareness in our Asian American community.

Breakthroughs in science and technology, such as artificial intelligence, have not only transformed our world but also opened up unprecedented opportunities. Embracing these changes, our chapter has led initiatives like "Industry Transformation in Today's World" (2020), "Thriving in a Post-Pandemic World" (2021), "Technologies for a Sustainable Future" (2022), "Artificial Intelligence in Action" (2023), and this year's theme, "Shepherding Technology for Humanity".

This year, planning ahead has been a priority for our team to ensure the successful implementation of our programs. By identifying event chairs early and collaborating closely with experienced volunteers, we've been able to secure venues and plan events with greater flexibility.

The transition from 2023 to 2024 was smooth and successful. In October 2023, we hosted a fun-filled picnic to show our appreciation to the volunteers of 2023. We kicked off 2024 in January with an inspiring orientation and training session for new volunteers and officers.

We successfully delivered our flagship youth programs, including MathComp/MathFun (MCMF), the Student Engineering & Creativity Convention (SECC), the Youth English Speech Contest (YESC), the Youth Chinese Speech Contest (YCSC), and the Chinese Youth Camp (CYC). These events attracted thousands of participants, including speakers, mentors, judges, volunteers, and sponsors, benefiting over 3,000 youths and their families. Participation in these youth programs has had a significant impact on many young lives.

To better serve young professionals, including college students, we launched a new initiative: CIE Monthly Meetups. These small-scale monthly gatherings have strengthened our platform for connecting students and young professionals with our executive team and industry experts, offering invaluable opportunities for learning and networking in a more intimate and relaxed setting.

This year, we continued our Mentoring Circle program, designed to cultivate leadership skills in participants, preparing them for roles as officers or event chairs within CIE/USA-DFW. Our unwavering commitment to mentorship has not only fortified leadership capabilities but has also significantly enhanced volunteer retention.

Furthermore, as part of our ongoing re-engineering initiative, we have introduced several innovative approaches to better support our volunteers. We've introduced co-president or co-chair roles for major volunteer positions, leading to improved knowledge transfer, shared responsibilities, reduced workload, and enhanced team collaboration. We established a new role, VP of Membership, to facilitate our monthly meetups, and we've expanded our digital presence through CIE WeChat groups and LinkedIn to engage a more diverse community. Additionally, we've empowered more young volunteers to take on leadership roles. For this year's Annual Convention, we enlisted the support of an external professional event planner, whose involvement has significantly lightened our team's load and brought fresh, creative ideas to the table.

Our Annual Convention is a celebration of our achievements, and we are deeply grateful to our sponsors for their steadfast and generous support, to our volunteers for their tireless efforts and dedication, and to our board and advisors for their invaluable guidance. We also extend our heartfelt thanks to the 2023 officers and event chairs for their partnership and cooperation.

Finally, we wouldn't have a convention without you—our attendees. Your presence today makes this event truly special. We hope you find the program both informative and enjoyable.

Thank you for joining us, and once again, welcome!

Yours Sincerely,

Hong Jiang, Yun Liu

Hong Jiang, Dr. Yun Liu
2024 Co-Presidents
CIE/USA-DFW Chapter



35th Anniversary



Dr. Faa-Ching Wang
Founder of CIE/USA-DFW Chapter

Celebrating 35 years of visionary leadership and unwavering dedication, we honor the founder of CIE/USA-DFW for inspiring generations of leaders, engineers, and scientists.



CIE/USA-DFW Chapter History and Vision

1st Decade (1989 - 1999)

Foundation Building

- Develop representative programs
- Promote organization image

2nd Decade (2000 - 2009)

Institutional Operations

- Establish operation procedures
- Extend program to global reach

3rd Decade (2010 - 2019)

Sustainable Growth

- Strengthen organization capability
- STEM programs creation

4th Decade (2020 - 2029)

Global Engineering Value Creation

- Organization transformation
- Talent development

5th Decade (2030 - 2039)

Global Engineering Value Creation

- Trailblaze engineering exploration
- Program re-invention



35th Anniversary

CIE/USA-DFW Chapter Presidents (1989-2024)

Thank you for your leadership!

Year	President
1989	Dr. Faa-Ching Wang
1990	Syming Hwang
1991	Dr. Keh-Shew Lu
1992	Roger Hung
1993	Mann-Fu Rau
1993	Stephen Tso
1994	Tsay-Jiu Shieh
1995	Johnson Lin
1996	Thomas Wu
1997	Tim Hsu
1998	Andy Lin
1999	Jason Yeh
2000	Dr. Yi Zhao
2001	Owen Lee
2002	Tseh-Hwang Lin
2003	Cherie Sung
2004	Joe Jeng
2005	Sue Shen
2006	Patrick Chang

Year	President
2007	Hsin-Ying Lin
2007	Julius Chiang
2008	Meimei DiGennaro
2009	Dr. Qing Zhao
2010	Grace Tyler
2011	Dr. David Kao
2012	Sammy Yang
2013	Dr. Yu Meng
2014	Dr. Chinpei Tang
2015	Dr. Xinfen Chen
2016	Edward Yu
2017	Dr. Claire Jung
2018	Dr. Allan Zhong
2019	Simon Chang
2020	Dr. Lun Tsuei
2021	Dr. Tiger Zhou
2022	Dr. Chris Koh
2023	Grace Tyler, Dr. Xinfen Chen, Dr. Lun Tsuei, Dr. Tiger Zhou, Jen Hoch
2024	Hong Jiang, Dr. Yun Liu



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2024
Annual
Convention

SEPTEMBER 14 AGENDA

Annual Convention

- 12:00 pm - 2:45 pm **Career Workshop**
- 3:00 pm - 4:45 pm **Technical Executive Forum** (by invitation)
- 5:00 pm - 6:00 pm **VIP Reception** (by invitation)
- 6:00 pm - 9:30 pm **Dinner Banquet**
 - **Sponsor Recognition**
 - **Keynote Speech**
 - **CIE Presents: Point/Counterpoint (Debate)**
 - **35th Anniversary Special Recognition**
 - **Outstanding Community Service Award**
 - **Young Achiever Award**



Jasmine Yin
Convention Co-Chair



Rong Zhang
Convention Co-Chair



Batuk Bista
Career Workshop
Co-Chair



Yujun Liang
Career Workshop
Co-Chair

Career Workshop

- 12:00 pm - 12:30 pm **Lunch**
- 12:30 pm - 12:35 pm **Kick Off**
- 12:35 pm - 12:40 pm **Panel Introduction**
- 12:40 pm - 1:20 pm **Resume Workshop**
- 1:20 pm - 1:35 pm **Q & A**
- 1:35 pm - 2:20 pm **Mock Interview and Feedback**
- 2:20 pm - 2:30 pm **Q & A**
- 2:30 pm - 2:45 pm **Closing**

Technical Executive Forum

3:00 pm - 3:05 pm

Opening Remarks

3:05 pm - 3:25 pm

Panel Introduction

Mr. David Lu, VP, Network Systems, AT&T (Retired)

Professor Yang Xie, Associate Dean, UTSW

Professor Jessie Zarazaga, Fellow of the Hunt Institute for Engineering & Humanity, SMU

Ms. Xiaolin Lu, Fellow and Director, Kilby Labs, Texas Instruments



Mr. Autry Warren

Executive Forum Host

VP, Oncor (Retired)

3:25 pm - 4:25 pm

Panel Discussion

4:25 pm - 4:40 pm

Q&A

4:40 pm - 4:45 pm

Closing



Professor J.-C. Chiao

Executive Forum Moderator

SMU

CIE Presents: Point/Counterpoint Technology - Progress or Pitfall?

7:50 pm - 8:05 pm

Debate #1

Amy Penner vs. Tony Bruton

8:05 pm - 8:20 pm

Debate #2

Aditya Ambardar vs. Leo Song



Bryan Taylor

Point/Counterpoint Chair

Career Workshop



CO-CHAIR

Batuk Bista



CO-CHAIR

Yujun Liang

The CIE/USA-DFW Young Professional Program is dedicated to empowering young professionals in critical stages of their careers. In 2024, we are proud to host a Career Workshop aimed at guiding young professionals and college students in their career planning and equipping them with practical tools for success. This initiative brings together industry leaders and experts to share valuable insights, helping participants thrive in today's competitive job market.

The Career Workshop is divided into two key segments: a Resume Workshop and a Mock Interview Session.

Resume Workshop

Participants will gain valuable insights into common mistakes made during job searches. Industry experts will review a sample resume, offering constructive feedback to make it more compelling and attractive to potential employers. This session allows attendees to view resumes from an employer's perspective, helping them make strategic improvements for better outcomes.

Mock Interview Session

This interactive segment will feature a live mock interview with one or two participants, followed by immediate feedback from expert panelists. This real-time critique will highlight both strengths and areas for improvement, offering participants an inside look into what interviewers value. The session aims to empower attendees, particularly college students, by providing them with the knowledge and confidence to excel in interviews and navigate the job market successfully.

Our expert panelists include:

- **Tracy Haver**, Associate Director, Technology, AT&T
- **Monica Knight**, Senior Manager, Employee Relations, Oncor Electric Delivery
- **Yunfei Leo Song**, Director, AI Governance, Fidelity Investments

Their participation underscores our commitment to offering top-tier guidance and opportunities for professional growth. Don't miss this chance to embark on a journey of personal and career development.

Career Workshop



Tracy Haver
Associate Director
Technology
AT & T

PANELIST

Tracy oversees the Technology Development Program's alumni and participant development at AT&T, focusing on enhancing technical skills and leadership traits for recent graduates and alumni. With 28 years of experience at AT&T and a background in Advertising and Marketing from Northwood University, she collaborates with peers and leverages internal partnerships to create challenging opportunities for new hires and interns. Tracy values participant interaction and feedback for continuous program improvement. In her personal time, she enjoys family activities, cooking, baking, art, reading, and traveling to Kauai.

Monica Knight has been the Senior Manager of Employee Relations at Oncor Electric Delivery Company since 2007. She holds a Master of Arts in Dispute Resolution from SMU, an MBA from Baker University, and a BA in Sociology from the University of Texas at Austin. With over 30 years of experience in Human Resources, Monica also serves on the Board of Directors for the Peace and Conciliation Project, an anti-racism organization, and was the inaugural Chairwoman of Oncor's Black employee resource group, BELIEVE. Monica has been married to her high school sweetheart, James, for 34 years, and they have two children, James and Julian, along with a mini-poodle named Jack-Jack.



Monica Knight
Senior Manager
Employee Relations
Oncor Electric Delivery

PANELIST



Yunfei Leo Song
Director
AI Governance
Fidelity Investments

PANELIST

Leo is a Director of AI Governance at Fidelity Investments, where he leads cross-business unit teams for AI solution review and risk assessment for both internal built and vendor solutions. He ensures production readiness, and promotes collaboration for faster time-to-market. With over a decade of technical expertise, Leo excels in identifying business opportunities and implementing data-driven strategies for cross-functional initiatives. He is passionate about technology and mentoring young professionals.

TECHNICAL EXECUTIVE FORUM

“TECHNOLOGY FUSION: SHEPHERDING TECHNOLOGY FOR HUMANITY”



CO-CHAIR
Dr. Chris Koh

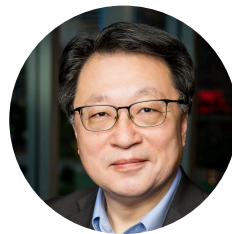


CO-CHAIR
Dr. Tiger Zhou

FORUM HOST



Autry Warren



David Lu
VP, Network Systems
AT&T
(Retired)



Dr. Yang Xie
Associate Dean
UTSW

FORUM
MODERATOR



Dr. J.-C. Chiao

PANELIST



Dr. Jessie Zarazaga
Fellow of the Hunt Institute
for Engineering & Humanity
SMU



Xiaolin Lu
Fellow and Director
Texas Instruments

Panelists will begin this interactive discussion by sharing their diverse perspectives and in-depth insights on integrating advanced technologies in ways that prioritize human welfare and societal benefit. Attendees will have the opportunity to ask questions and interact with the panelists.



HOST AND PANELIST PROFILES



Autry Warren

FORUM HOST

After a 44-year career, Autry Warren retired as Vice President of Market Relations for Oncor Electric Delivery. In his prior role he managed strategic business relationships and major customer programs. Also, over his career, Autry has held several key management positions in areas such as Accounting, Regulatory and Customer Service.

Autry has a distinguished record of serving the community and currently sits on the board of the African American Museum and Chinese Institute of Engineers. Other previous community roles include chairman of the Oak Cliff Chamber of Commerce, Board of the Directors - Dallas Zoological Society, the United Way of Greater Dallas African American Leadership Society Council and he is a graduate of Leadership North Texas.

Autry has a BBA in Accounting from the University of New Mexico and is a Certified Public Accountant. Prior business associations include serving as the chair of the Texas Society of CPAs Energy Committee and served on the Executive Board and Treasurer for the Working Group for Investment in Reliable Economic Electric Systems (WIRES).

Hobbies include spending time with family, traveling, golfing and grilling.

David served in various leadership positions at AT&T that resulted in multibillion-dollar savings over the past 35 years. Currently holds 60+ patents and frequently appears as speaker at technical and leadership seminars and conferences throughout the world. Led global organizations of more than 5,000 people at AT&T. Was responsible for the next generation SDN automation platform enabling AT&T's network virtualization and 5G/Fiber networks. Well respected as an inspirational industry leader in hyper scale software and AI driven platforms with institutional knowledge and world leading expertise achieving best in class quality, reliability, speed, and demonstrable financial/service benefits! Work pioneered many of the world's first innovations and promoted many distinguished industry leaders and technical talents. Awards received include CIE-USA AAEOY Engineer of the Year Award in 2017 and Executive of the Year Award in 2023, IEEE CQR Chairman's Award, CIO 100 Award, AT&T Innovation and Patent Awards, and AT&T Corporate Leadership Award. Actively engaged in community, professional, and faith work.

PANELIST



David Lu



Dr. Yang Xie

PANELIST

Dr. Yang Xie holds the Raymond D. and Patsy R. Nasher Distinguished Chair in Cancer Research and serves as a Professor and Associate Dean of Data Science at UT Southwestern Medical Center. She is the founding director of the Quantitative Biomedical Research Center, the Data Science for Precision Health Initiative, and the Pediatric Cancer Data Core at UT Southwestern. She has served as a regular member of the NIH Biodata Management and Analysis Study Section and is an advisor to the journal Lancet Digital Health.

With training in statistics, medicine, and epidemiology, she possesses a comprehensive understanding of developing and validating quantitative methods for precision health applications.

HOST AND PANELIST PROFILES

Working across the boundaries of urbanism, landscape mapping, and public engagement, Zarazaga explores ways to connect culture and community to place. Using GIS and participatory community mapping, she explores the impact of civil and environmental choices on the design of communities. Her research spans education and practice, working on the integration of community research into project-based learning. Her work overlaps areas of GIS mapping, global sustainable urbanism, design and creativity, with ongoing humanitarian engineering research projects in Tanzania, Kenya and Colombia as well as locally in Dallas. She undertook a Fulbright in Valparaíso, Chile, to investigate, and map, devices of landscape as inspirations for the orders of community space. Jessie earned her Ph.D. in Applied Science in Engineering at SMU, a BA and MA in architecture from Cambridge University, and a BA in Design from Williams College. She is a Registered Architect with the RIBA.

PANELIST



Dr. Jessie Zarazaga



Xiaolin Lu

PANELIST

Xiaolin is Fellow and director of Texas Instruments Kilby Sensing, Processing, and Innovation Lab. The group covers embedded AI, generative AI for automation, in-sensor computing, smart analog interfaces, smart manufacturing with vision inspection and wireless sensors, etc. She is chartered to drive system level solutions using TI analog and embedded processors, to enable efficient and smart manufacturing inside the company. Xiaolin has worked on various projects, including smallest edge AI HW, Compute-In-Memory engine, Smart Sensing, Wireless Sensor Network to name a few.

Xiaolin has given keynote and plenary talks at numerous technical conferences. In addition, she is the author/co-author of more than 60 U.S. issued patents and the recipient of the special recognition awards: 2021 Women Changing the Face of Dallas, 2016 Asian American Engineer of the Year, Society of Women Engineers (SWE) and National Women of Color award in Technical Innovation.

Xiaolin is a United Way Tocqueville member for community services. In her free time, Xiaolin enjoys yoga practice, playing piano, and leisure travel.

J.-C. Chiao is the Templeton Centennial Chair professor, Electrical and Computer Engineering, Southern Methodist University. He received his Ph.D. in Electrical Engineering at California Institute of Technology. He is Fellow of IEEE, IET, SPIE, AAIA, NAI and AIMBE. He has authored over 300 publications and holds 24 US patents. He received the 2022 Pan Wen-yuan Foundation Excellence in Research Award and 2023 Dallas Innovates' Future 50 Innovators. Dr. Chiao's works have been covered by global media including National Geographic magazines, Washington Post, and CBS television program Henry Ford Innovation Nation. He is a Lead in the Texoma Semiconductor Tech Hub designated by the U.S. Department of Commerce, Economic Development Administration.

FORUM MODERATOR



Dr. J.-C. Chiao

Science and Technology Division, Taipei Economic & Cultural Office in Houston

The Science and Technology Division of the Taipei Economic and Cultural Office in Houston is the representative office of the National Science and Technology Council (NSTC) of Taiwan in the central U.S. We facilitate collaboration in research, development and innovation between Taiwan and the central U.S. Mission:

1. Promote collaboration in science and technology between Taiwan and the central U.S.
2. Help bidirectional exchanges, recruitment, and visits of young talent in science and technology fields between Taiwan and the central U.S.
3. Help to arrange bidirectional visits of experts in science and technology between Taiwan and the central U.S.
4. Encourage investments to Science Parks in Taiwan.
5. Help talent in the central U.S. organize science and technology conferences based on the future development of science and technology in Taiwan.
6. Help to promote programs supported by NSTC to recruit talent to Taiwan and international collaboration.
7. Help to promote science and technology developments in Taiwan to the central U.S.

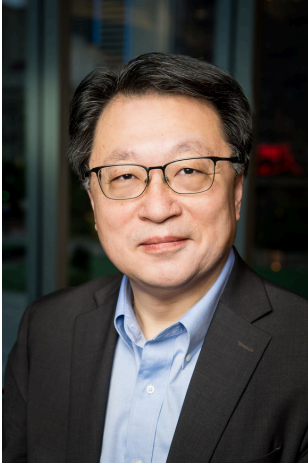
Service Area:

Arkansas, Illinois, Iowa, Louisiana, Minnesota, Mississippi, Missouri, Oklahoma, Texas, and Wisconsin

Contact Information:

Science and Technology Division
Taipei Economic and Cultural Office in Houston
11 Greenway Plaza, Suite 2018, Houston, TX 77046
Tel: (713)840-3855
E-mail: houston@nstc.gov.tw
Website: <https://www.nstc.gov.tw/houston/en>
Facebook: <https://www.facebook.com/STDHouston>

BANQUET KEYNOTE SPEAKER



David Lu
VP, Network Systems
AT&T
(Retired)

David served in various leadership positions at AT&T over the past 35 years, achieving multibillion-dollar savings. He holds 60+ patents and frequently speaks at global technical and leadership seminars. He has received numerous industry awards. At AT&T, he led global organizations of over 5,000 people and was responsible for the architecture, development, and engineering of AT&T's next-generation SDN automation platform and open-source initiatives. He also led the AI-driven network systems transformation, including PaaS & SaaS, policy control, orchestration, and hyper-automation with AI/ML analytics. David is an inspirational industry leader in hyper-scale software and AI-driven platforms, achieving best-in-class quality, reliability, and financial benefits. His work pioneered many innovations and promoted distinguished industry leaders. He has received many awards, including the CIE-USA AAEOY Engineer of the Year, IEEE CQR Chairman's Award, CIO 100 Award, and AT&T Corporate Leadership Award.

ABSTRACT

Inspire Forward Technology & Into Humanity

The rapid technology innovation has changed our life so dramatically in the last two decades we never seen in human history. The digital transformation fueled by the software driven everything, cloud computing, robotics, semiconductor, big data analytics, new generation of ultrafast mobile communication (terrestrial and low earth orbit satellites), quantum computing, super-scale data models and generative AI, and regenerative medicine will change the world we know today in an unprecedented pace! As those of us, who are in the center of science and engineering making these happen, we must also take a harder look at the impact the technology change brings us, to prevent the negative impact but propel the positive changes focusing on usability and adaptability, i.e., user centered sustainable growth and sound environmental practices.

The talk will highlight the industry revolution and innovation that took place, are taking place in front of our eyes, and what could come in next decades. It will focus on the human impact of these changes and ways we could cope, adapt, and lead the positive changes to the social structure and communities to a brighter future!



SPECIAL RECOGNITION AWARD
presented to

David Lu

**VP, Network Systems,
AT&T (Retired)**

**For Innovative Leadership and
Technical Excellence**



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

September 14th, 2024

Grace Tyler

**Grace Tyler
Chairman**

Hong Jiang

**Hong Jiang
Co-President**

Yun Liu

**Dr. Yun Liu
Co-President**

CIE Presents: Point/Counterpoint

“Technology - Progress or Pitfall?”



CO-CHAIR

Bryan Taylor

CIE/USA-DFW is proud to introduce an innovative new debate program “Point/Counterpoint.” This program features a moderator and four skilled debaters engaging in two distinct one-on-one debates. The central theme of these debates is the ethics of Technology, which we hope will spark thoughtful discussions on this critical topic within the field.

Dr. Gaurav Shekhar is the Senior Assistant Dean of Graduate Programs at the Naveen Jindal School of Management and an Assistant Professor of Instruction in Information Systems. He teaches courses in Business Intelligence, Digital Consulting, Sustainability Analytics, and Robotic Process Automation. Recognized in the ‘Dallas 500’ by DCEO Magazine for 2024, he is also a two-time TEDx speaker and was named among the 40 Under 40 by the Dallas Business Journal in 2023 and CDO Magazine in 2022.



Moderator

Dr. Gaurav Shekhar

Senior Assistant Dean
of Graduate Programs
in the JSOM, UTD

His research focuses on IT Project Management, AI/Machine Learning, Natural Language, and Organizational Leadership. Dr. Shekhar is dedicated to student and corporate engagement, leading initiatives like the Young Entrepreneurs Program and serving on various boards, including the US-India Chamber of Commerce and the Chinese Institute of Engineers – DFW. He is the President of the DFW Alumni Chapter for Beta Gamma Sigma and advises Fortune 500 CXOs on strategic technology initiatives.



Panelist

Amy Penner

Director of Operational
Excellence and Chief of Staff
PepsiCo

Amy Penner is from Wabash, Indiana and received her BS/MS in Food Engineering from Purdue University where she focused on developing small scale extruders for Nasa. Her 16-year career in the food industry has spanned across companies such as PepsiCo, Kraft Foods and Mondelez with most recently as the Director of Operational Excellence and Chief of Staff to PepsiCo’s North America R&D Vice President. She currently lives in Dallas and prior to this spent 10 years working overseas in the coffee industry leading different roles in R&D, Manufacturing and Procurement while working in England, Singapore and Amsterdam, Netherlands. While in England, she received her MBA from Oxford Brookes University, specializing in improving M&A success for R&D organizations, and she holds 6 patents. Outside of work, she enjoys cooking and inventing new creations, travelling and involvement with her church.

CIE Presents: Point/Counterpoint

“Technology - Progress or Pitfall?”



Panelist

Tony Bruton

Director of T&D Services
Oncor Electric Delivery

Mr. Bruton graduated from Texas Tech University with a Bachelors in Electrical Engineering. He has been a member of IEEE since 1997. He joined Oncor in 2000 as a substation design Engineer. He was a District Manager for Oncor’s east Texas area in the Transmission Business Unit. He also managed line the Transmission Line Design Group for several years. He set up the Program Management Organization for CREZ then managed the right of way acquisition for CREZ which included purchasing easements from 1500 land owners in three years. The ROW acquisition included assisting with transmission line routing and managing the eminent domain process. As CREZ ROW acquisition was completed he managed the line design for several hundred miles of the CREZ project.

Mr. Bruton’s current role as Director of T&D Services includes managing the computer applications that monitor and control Oncor’s Transmission and Distribution Grid. The systems include the Transmission Energy Management System and the Advanced Distribution Management System. He is also responsible for the development and managing the Transmission and Distribution Operator training program as well as Data Analytics.



Panelist

Aditya Ambardar

Business unit manager for
Switching power products
Diodes

Aditya is the Business unit manager for Switching power products in Diodes Incorporated. His organization is responsible for development of various semiconductor power products used in consumer, computing, and automotive industries. Aditya has 17+years of experience in semiconductor industry leading various marketing and development teams and building strong partnerships within the industry.

Aditya holds a Master's degree in VLSI Design and a Bachelor's degree in Electronics and Telecom.

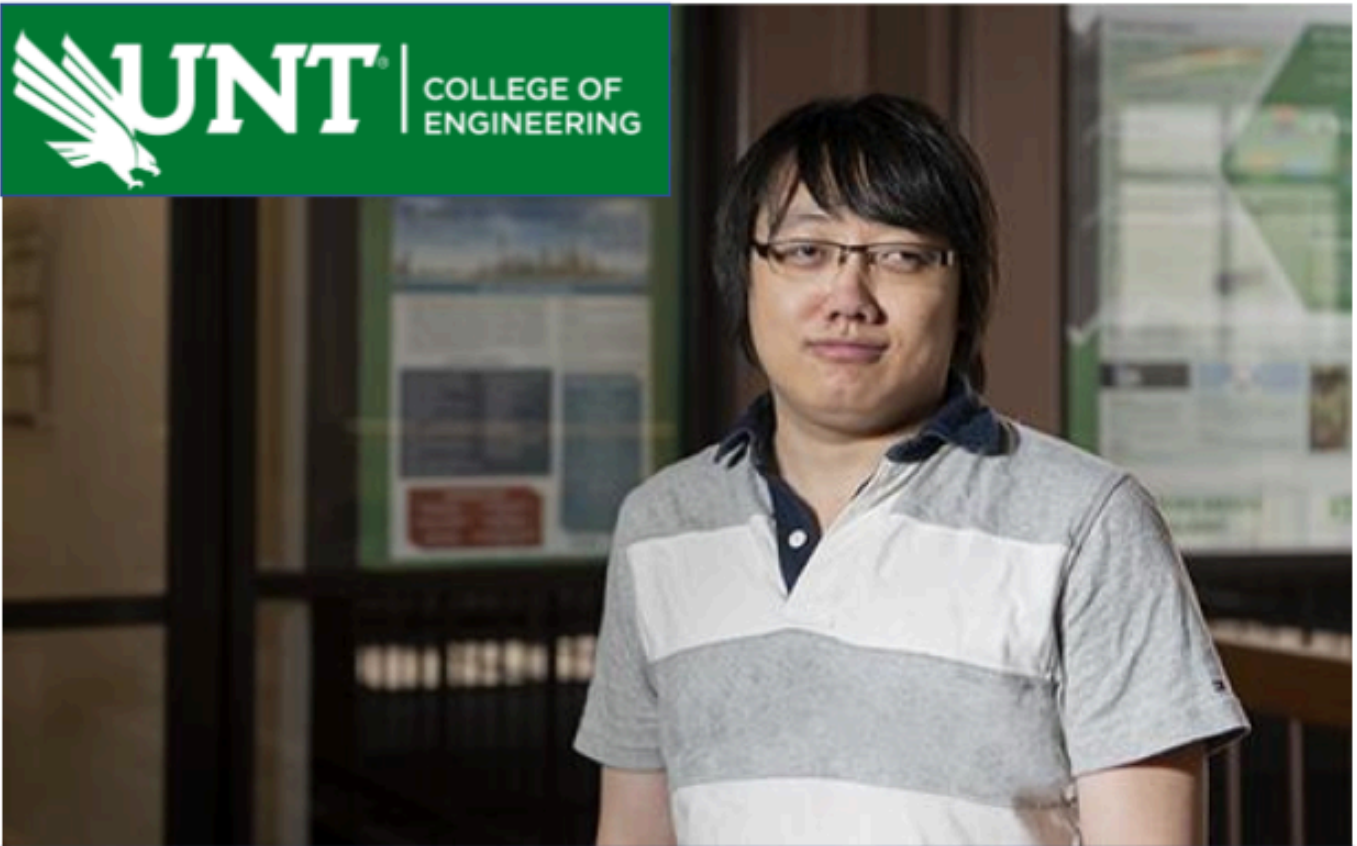


Panelist

Leo Song

Director of AI Governance
Fidelity Investments

Leo is a Director of AI Governance at Fidelity Investments, where he leads cross-business unit teams for AI solution review and risk assessment for both internal built and vendor solutions. He ensures production readiness, and promotes collaboration for faster time-to-market. With over a decade of technical expertise, Leo excels in identifying business opportunities and implementing data-driven strategies for cross-functional initiatives. He is passionate about technology and mentoring young professionals.



Dr. Hua Sun, Associate Professor, Electrical Engineering

Dr. Sun is a recipient of the NSF CAREER award in 2021, the UNT College of Engineering Junior Faculty Research Award in 2021, and the UNT College of Engineering Distinguished Faculty Fellowship in 2023.

Outdoor Drone Test Facility



20

Special
Recognition

WITH OUR
GREATEST
APPRECIATION

DIAMOND PLUS SPONSOR
Oncor Electric Delivery Company

DIAMOND SPONSOR
Texas Instruments Incorporated
Diodes Incorporated

PLATINUM SPONSOR
The University of Texas at Arlington

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Cindi's New York Delicatessen
SotaTek US LLC

COMMUNITY SPONSOR
ConsulPath
University of Texas at Dallas
University of North Texas
HsinChu Science Park

WITH OUR
GREATEST
APPRECIATION

Since the CIE/USA-DFW Chapter was founded in 1989, its core value has been based not only on promoting community awareness in Science, Technology, Engineering, and Mathematics (STEM) but also on its contributions to society. To honor this core value of community involvement, the CIE/USA-DFW Chapter has created the CIE Outstanding Community Service Award (OCSA). Through this program, CIE recognizes teams and organizations that have made outstanding contributions to their community through their time, actions, and dedication.

OUTSTANDING COMMUNITY SERVICE AWARD

Oncor Electric Delivery Company

Texas Instruments Incorporated

Diodes Incorporated

Cathay Bank Foundation

Cindi's New York Delicatessen

SotaTek US LLC

**ENJOY AUTHENTIC
NEW YORK AND
SOUTHERN STYLE
FAVORITES**

Cindi's

**N.Y. DELICATESSEN
RESTAURANT & BAKERY**



**4 GREAT DFW LOCATIONS
CINDISNYDELI.COM**

DALLAS

306 S. Houston St.
(214) 744-4745

DALLAS

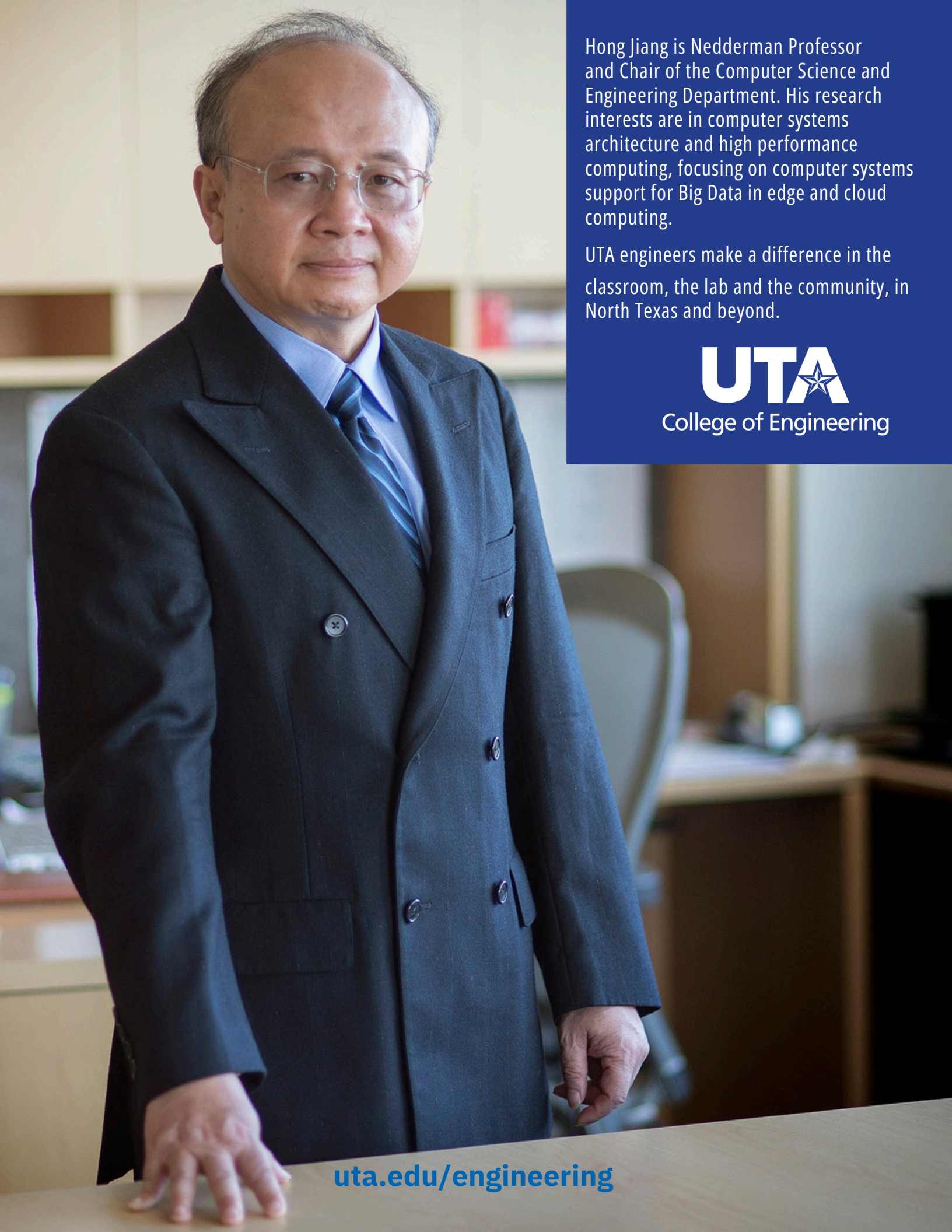
7522 Campbell Rd., Ste. 117
(972) 248-0608

DALLAS

3565 Forest Ln.
(972) 241-9204

DALLAS

11111 N. Central Expwy, Ste. G
(214) 739-0918



Hong Jiang is Nedderman Professor and Chair of the Computer Science and Engineering Department. His research interests are in computer systems architecture and high performance computing, focusing on computer systems support for Big Data in edge and cloud computing.

UTA engineers make a difference in the classroom, the lab and the community, in North Texas and beyond.



College of Engineering

uta.edu/engineering

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2024 Young
Achiever
Award (YAA)



YAA CO-CHAIR
Nadum Charles



YAA CO-CHAIR
Dr. Liping Ma

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

CIE/USA-DFW is honored to have professionals from various industries to serve as judges in selecting the YAA recipients.

RECIPIENTS



Jackson Chen

Coppell High School

- 2024 British Biology Olympiad | Silver Medal
- 2024 USA Biology Olympiad | Honorable Mention
- 2023 National Merit Scholarship Corporation (NMSC) | Semi-Finalist
- 2024 College Board AP Scholar with Honor Award



Oliver Chen

Williams High School

- 2024 Williams Humanities Film Fest | Best Director/Best Screenplay
- 2023 FWMTA 42nd Piano Competition | 1st Place
- 2024 President's Volunteer Service Award | Gold Level
- 2021 CIE-DFW Youth English Speech Competition | 1st Place



Aaron Kuang

Greenhill School

- 2024 American Invitational Mathematics Examination (AIME) | AMC10 Distinction
- 2024 Yale MMaths | Team 2nd Place
- 2024 National Debate Tournament of Champions | Qualifier
- 2023 Golden classic music award international competition | 1st Place



Kevin Liu

Centennial High School

- 2023 - 2024 2x First Robotics World Championship Qualifier | World Finalist
 - 2024 UTD CAST Symposium | 3rd Place Prize
 - 2022 - 2023 President's Volunteer Service Award | Gold
 - 2024 College Board AP Scholar | Honorable Distinction
-



Michael Liu

Coppell High School

- 2023 - 2024 International Science and Engineering Fair (ISEF) | Finalist
 - 2021 USA Computing Olympiad | Gold Ranking
 - 2021 Congressional App Challenge | Winner
 - 2021 MetroHacks | Finalist
-



Yanda Lu

Prestonwood Christian Academy

- 2024 Create US Open Robotics Tournament | Tournament Champion
 - 2024 Create US Open Robotics Tournament | Skills Challenge Champion
 - 2024 VEX Robotics World Championship | Tournament Semi-Finalist
 - 2024 Texas Region 5 VRC High School Championship | Excellence Award
-



Andrew Mi

School for the Talented and Gifted

- 2023 - 2024 International Youth Neuroscience Association Ideathon | 1st Place
 - 2024 International Logic Olympiad | Finalist and Gold Scholar
 - 2022 Texas Math and Science Coaches' Association (TMSCA) | Top Gun Winner
 - 2023 - 2024 Texas Academic Decathlon | Overall Individual State Champion
-



Steven Sun

JJ Pearce High School

- 2023 - 2024 Texas High School Aerospace Scholar | Finalist
 - 2021 - 2023 First Technology Challenge Robotics Tournament | 2x First Place
 - 2022 - 2024 Texas Music Educators Association (TMEA) | All Region Band Qualifier
 - 2024 College Board AP Scholar with Honor Award
-

Emma Wang



Highland Park High School

- 2024 Scholastic Art and Writing Awards | National Gold Medal
 - 2022 - 2024 Scholastic Art and Writing Award | Regional Gold Key
 - 2023 - 2024 College Board AP Scholar with Distinction
 - 2022 - 2023 President's Volunteer Service Award | Gold
-

Eric Wang



Jasper High School

- 2023 UTD CAST Symposium | 2nd Place Prize
 - 2024 UTD CAST Symposium | 3rd Place Prize
 - 2022 - 2024 Texas Music Educators Association (TMEA) | All State Orchestra, 5th Chair
 - 2024 Carmel Klavier 10th International Piano Competition for Young Artists | 2nd Place
-

Jenny Wang



Liberty High School

- 2023 – 2024 United States National Chemistry Olympiad (USNCO) | Semi-Finalist
 - UIL 2023 5A Region II | 1st Place Regional Champion in UIL Science
 - UIL 2023 State Academic 5A Championship in Chemistry | 3rd Place
 - The Alliance of Youth Leaders in the United States - Frisco & Plano Branch | Founder & President
-

Henry Zhu



Highland Park High School

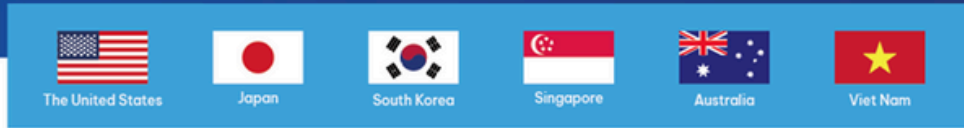
- 2024 Texas Math and Science Coaches' Association (TMSCA) | 1st Place in Science
 - 2024 USA Biology Olympiad (USABO) | Certificate of Merit
 - 2024 American Invitational Mathematics Examination (AIME) | Qualifier
 - 2023 Texas Math and Science Coaches' Association (TMSCA) | 1st Place in Math
-

The 2024 Young Achiever Award recipients will be recognized and celebrated at the 2024 CIE/USA-DFW Chapter Annual Convention and YAA Award Ceremony.

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Hsinchu Science Park Bureau, National Science and Technology Council



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**2023-2024
CIE Events**

2023-2024 CIE/USA-DFW EVENTS OVERVIEW

Sep 30, 2023	2023 CIE Annual Convention Tina Zhang, Bryan Taylor
Oct 15, 2023	2023 CIE Picnic Dr. Chris Koh and 2023 co-Presidents
Dec 3, 2023	2023 Mentoring Circle End of Year Party Dr. Claire Jung
Jan 13, 2024	Officer & Volunteer Orientation Hong Jiang, Dr. Yun Liu
Feb 17, 2024	Feburary Meetup Rojan Khatri, Batuk Bista, Yujun Liang
Mar 16, 2024	March Meetup Rojan Khatri, Batuk Bista, Yujun Liang
Apr 27, 2024	April Meetup Rojan Khatri, Batuk Bista, Yujun Liang
Apr 27, 2024	DFW Chinese Speech Contest * Ms. Yan Ma, Ms. Cecilla Hou
Jun 1, 2024	CIE Youth STEM Convention Bryan Taylor (MathComp/MathFun) and Martin Zhang (SECC)
Jun 22, 2024	Youth English Speech Contest Jasmine Yin
Jun 30 - Jul 6, 2024	2024 DFW Chinese Youth Camp (CYC)*
Sep 14, 2024	CIE/USA-DFW Annual Convention Jasmine Yin, Rong Zhang
Sep 14, 2024	Career Workshop Batuk Bista, Yujun Liang
Sep 14, 2024	Technical Executive Forum Dr. Chris Koh, Dr. Tiger Zhou
Sep 14, 2024	CIE/USA-DFW Individual Outstanding Community Service Award Dr. Xinfen Chen
Sep 14, 2024	Young Achiever Award Nadum Charles, Dr. Liping Ma

* CIE co-host with other organization

2023 ANNUAL CONVENTION



CO-CHAIR
Tina Zhang



CO-CHAIR
Bryan Taylor

CIE/USA-DFW commemorated its 34th anniversary during the evening banquet at the Davidson-Gundy Alumni Center, University of Texas at Dallas on September 30, 2023. The event served as a platform to honor the organization's achievements, recognized by local governments, corporations, universities, and community groups. The dedication of numerous volunteers was also acknowledged. Several cities issued Proclamations in honor of CIE Day, recognizing the organization's valuable contributions to the community. Notably, five companies, including Oncor, Texas Instruments, Diodes, Cathay Bank Foundation, and Cindi's New York Delicatessen, received the Outstanding Community Service Award. The event was attended by approximately 250 individuals.



Jose Alvarez (Head of Intelligent Automation and AI Transformation Market Areas, Ericsson) delivered the Keynote Speech.



Jen Hoch, co-President welcomed guests.



Christi Popovich emceed the evening banquet.



Sam Wong, VP, Texas Instruments, accepted the community service award. (Right)



Gary Yu, COO, Diodes, accepted the community service award. (Right)



Mark Carpenter, VP of Transmission & Distribution, Oncor accepted the community service award. (Above)



Ariel Lee, Sales Manager, Cathy Bank, accepted the community service award. (Left)



Anh Vo, CEO, Cindi's NY Deli, accepted the community service award. (Left)

2023 ANNUAL CONVENTION



CIE Point/Counterpoint debate team



Congratulations to YAA winners!



Thanks to the CIE board members and advisors for their guidance.



Thanks to the 2023 CIE officers for their dedication.

2023 CAREER DEVELOPMENT ROUNDTABLE



CHAIR

Batuk Bista

The Career Development Round Table 2023, a new addition to the CIE/USA-DFW Chapter, took place on September 30th at The University of Texas at Dallas during the CIE's Annual Convention. The event featured segments for both professionals and students, aiming to engage budding talents and integrate them into our community. Each program facilitated close-knit interactions between participants and industry experts, fostering engagement and providing invaluable insights.

The professionals' session covered four key areas, each led by an industry expert:

- **Workplace Networking:** Jackson Ku from AT&T.
- **Presentation Skills:** DaWane Wanek, a Distinguished Toastmaster.
- **Stress Management/Work-Life Balance:** Kimberly Traylor from ONCOR.
- **Career Planning/Career Transitioning:** Nakshatra Gajbhiye from Texas Instruments.



Career Development Round Table 2023 - Professional session participants, resource persons and volunteers.



Dr. Yanping Chen



Grace Tyler



Batuk Bista

The program, skillfully orchestrated by Yanping Chen, began with inspiring remarks from Grace Tyler and concluded with Batuk Bista's reflections. Participants, grouped into four rotating tables, engaged in comprehensive learning and networking. With over 40 attendees, the session fostered active engagement, allowing for intimate interactions and open dialogue, enriching the overall learning experience.

2023 CAREER ROUND TABLE

The student session was divided into three key areas, each led by industry leaders:

- **Job Market Preparation:** Dr. Peter E. Crouch shared insights on preparing for the competitive job market.
- **Resume, Interviewing, and Personal Branding:** Arthur Campbell from AT&T provided guidance on crafting resumes, honing interview skills, and developing a personal brand.
- **Stress Management:** Dr. Sherry Fu discussed strategies for maintaining mental well-being.



Front row: L to R - Dr. Sherry Fu, Dr. Peter E. Crouch and Arthur Campbell.
Back row: L to R - Joseph Delsoin, Dr. Lun Tsuei, Devendra Shah

The program, managed by Joseph Delsoin, began with opening remarks from Dr. Lun Tsuei and concluded with Devendra Shah's closing remarks. A dynamic panel discussion allowed students to engage with experts, fostering meaningful connections. Over 40 students from diverse universities attended, gaining comprehensive insights into career preparation and mental well-being.



Career Development Round Table 2023 - Students session participants, resource persons and volunteers.

2023 TECHNICAL EXECUTIVE FORUM



CHAIR

Dr. Chris Koh

The 2023 CIE/USA-DFW Technical Executive Forum took place on September 30 on the campus of The University of Texas at Dallas as part of the CIE's Annual Convention. The Forum, a by-invitation program hosted by Dr. Pooya Forghani (VP, Diodes Inc.), is designed to bring together a diverse group of experts to share their thoughts and experience on this year's Convention theme of "Technology Fusion – Artificial Intelligence in Action." The Forum featured four distinguished academic and industry leaders:

- Jose Alvarez, Global Head of Market Areas, IntelligentAutomation, AI-Transformation, Ericsson Inc.
- Dr. Hasan Pirkul, Dean, Naveen Jindal School of Management, The University of Texas at Dallas
- Panna Sharma, President, CEO and Board Member, Lantern PharmaInc.
- Samuel Wong, VP and General Manager, Battery Management Solutions Division, Texas Instruments Inc.



L to R: Dr. Pooya Forghani (Forum Host), Dr. Gaurav Shekhar (Forum Moderator), and Forum panelists, Sam Wong, Dr. Hasan Pirkul, Panna Sharma, and Jose Alvarez

2023 TECHNICAL EXECUTIVE FORUM

Expertly moderated by Dr. Gaurav Shekhar (Asst. Dean, Naveen Jindal School of Management, The University of Texas at Dallas), the panel explored a broad range of topics related to AI, from impact on jobs and societal wealth distribution, to energy management and improving drug molecule candidate selection, to education.



Dr. Faa-Ching Wang, CIE/USA-DFW Founder, contemplating deeply on the discussion



An interactive session shared between the audience and panel

An audience of more than 50 people not only heard the many insights shared by the panel, but had the opportunity to ask questions where the panelists took time to answer and shed additional thoughts.



2023 Executive Forum Panelists, host, moderator together with CIE/USA-DFW officers and some of the audience

2023 VIP Reception



CO-CHAIR
Nick Wong



CO-CHAIR
Rojan Khatri

The VIP Reception for the 34th CIE Convention was held at the University of Texas at Dallas (UTD) in Richardson, Texas. This prestigious event brought together a distinguished group of professionals, including engineers, academics, and industry leaders, to celebrate achievements in engineering and community service.

A highlight of the evening was the presentation of the Individual Outstanding Community Service Award (IOCSA), which honors individuals who have made significant contributions to their communities through selfless service and commitment. This award emphasizes the crucial role of community involvement in making a difference. Jen Hoch, who chaired the 2023 IOCSA, ensured that the award was a central focus of the evening, highlighting those whose dedication to community service has had a lasting impact. Jan Bennard served as the evening's emcee, skillfully guiding the program and ensuring a smooth flow of events.

The reception provided an excellent opportunity for attendees to connect, share insights, and celebrate the spirit of service and dedication that defines our community.



Arefin Shamsul, Mayor Pro Tem of the City of Richardson, Jen Hoch, 2023 Co-President of CIE/USA-DFW, and IOCSA Awardees



Dr. Chris Koh, 2023 Chairman of the Board of CIE/USA-DFW



Dr. Gaurav Shekhar, Assistant Dean, Graduate Programs, Naveen School of Management



Xin Wang, 2023 President DCIA



Dr. Tiger Zhou, Sr. Applications engineer at Texas Instruments

2023 ANNUAL PICNIC



CHAIR

Dr. Chris Koh

The CIE Annual Picnic was held in late October at the Arbor Hills Nature Preserve in Plano. Many volunteers and their families joined the picnic, and it was a fun-filled afternoon of games, food, and entertainment.

We kicked off with some icebreaking games and got to know each other better (did you know that many CIE members' secret wish was to possess the super power of flying?) The more competitive folks spent time trying to outperform each other at cornhole game. Throughout the picnic, we were also entertained by some very talented members with their Karaoke singing, who were rewarded by receiving gift certificates from one of our sponsors, Cindi's NY Deli.



To recognize our volunteers, we presented pen sets engraved with their names and special contributions. The picnic featured an abundance of food, with many homemade dishes shared during the Second Annual CIE Iron Chef Competition. Last year's winner was Lun Tsuei with a savory Spicy Beef. In 2023, Jasmine Yin won with her "Bing Fen," a Chinese dessert, earning an engraved cutting board. Bring your special dish to next year's picnic for a chance to be crowned CIE Iron Chef!

2023 MENTORING CIRCLE - END OF YEAR PARTY



CHAIR
Claire Jung

On December 3, 2023, the CIE mentoring circle advisors and mentees marked the Christmas and New Year festivities at Carpenter Recreation Center in Plano with food, drinks, and music. During the event, four mentors and advisors - David Lu, Mark Carpenter, Dr. Faa-Ching Wang, and Sheana Chen - recounted their career paths and shared their top three success tips. This event included a Q&A session following the panel discussion, offering a delightful spread of food, shared experiences, and acknowledgment of key volunteers. The gathering was a memorable and rewarding experience.



2024 OFFICER AND VOLUNTEER ORIENTATION

CHAIRS

Hong Jiang, Dr. Yun Liu

The 2024 CIE/USA-DFW Volunteer Orientation and Training Meeting was held successfully on January 13, 2024, at Schimelpfenig Library in Plano. Nearly 30 CIE volunteers, experienced or new, attended this event.



The meeting had three parts. The first part included presentations on CIE National Council, history, vision, and bylaws by Dr. Faa-Ching Wang, Xinfen Chen, and Grace Tyler. Dr. Lun Tsuei discussed the 2023 program accomplishments, and Dr. Tiger Zhou introduced new communication tools. The meeting ended with a Kahoot game hosted by Bryan Taylor to test volunteers' knowledge of CIE, with prizes for the top three scorers.

In the next segment, CIE Co-President Dr. Yun Liu outlined three goals for CIE in 2024, introduced the new officer team, and presented plans for over 20 events, including flagship programs like Youth and Young Professional Programs and the Annual Convention.

In the third part, volunteers participated in breakout training sessions. Three groups focused on discussions related to Youth Programs, Young Professional Development Programs, and the Annual Convention. Each group presented their program planning outcomes to the meeting.



The Volunteer Orientation Meeting signaled the start of the new year for the CIE DFW Chapter, a non-profit organization dependent on volunteer dedication. Over 35 years, the chapter has thrived due to the invaluable contributions of thousands of volunteers. The CIE DFW Chapter looks forward to a fruitful and prosperous new year, anticipating incredible contributions from its volunteers. Together, we are making a difference!

2024 MONTHLY MEETUPS



VP Membership
Rojan Khatri



Co-VP Young Professional
Batuk Bista



Co-VP Young Professional
Yujun Liang



Dr. Xiaowei Zhan, UTSW

2024 FEBRUARY MEETUP ELEVATE YOUR CAREER: FROM VALUES TO VICTORY

The February meetup, organized by the CIE/USA-DFW Chapter on February 17th at Carpenter Recreation Center in Plano, TX, offered an enriching program aimed at inspiration and education. The event comprised two primary components: a seminar conducted by Dr. Xiaowei Zhan and a roundtable discussion.

2024 MARCH MEETUP WHY CONTINUOUS LEARNING & CERTIFICATION

Lee Bowers is a Digital Transformation leader with 20+ years of experience in Information Technology and Solution Sales. His employment experience includes companies like ExxonMobil, Unisys & VMware, and he currently works for Google Cloud, where he serves as a Training Lead for the US and Canada. Lee and his team are responsible for consulting customers to develop innovative training plans to accelerate the adoption of Google Cloud and produce measurable business outcomes.



Lee Bowers, Google



Jackson Ku, AT&T

2024 APRIL MEETUP MASTERING THE SCIENCE OF PERSUASION

Jackson, an Expert Member of Technical Staff at AT&T, is dedicated to securing the company's next-generation networks to prevent exploitation by hackers. With over three decades of experience at AT&T and its affiliates in various technical roles, Jackson is well-versed in network security. Recognized for his contributions, Jackson has received prestigious awards such as the 2023 Asian American Engineer of the Year Award and the 2022 CIE Individual Outstanding Community Service Award.

2024 DFW CHINESE SPEECH CONTEST



CO-CHAIR
Yan Ma



CO-CHAIR
Cecilia Hou

The 12th TI Cup North Texas Chinese Speech Contest, sponsored by the CIE/USA-DFW chapter and organized by the North Texas Chinese Culture Promotion Association (NTCCPA), took place at the University of Texas at Dallas on Saturday, April 27th.

This year's contest garnered substantial support from numerous public and private schools across the North Texas region. The event attracted 107 students from kindergarten through 12th grade, with over 20% of the participants coming from non-heritage families. The competition adhered to Toastmasters International guidelines, overseen by Dr. Jiang Li, who served as the chief judge. Dr. Li meticulously organized the rules and provided training for the judges to ensure a fair and impartial evaluation process. In preparation for the contest, free speech skill training on "Speech Delivery" was conducted by Yan Ma and led by Jimilee Rempe. The event was further supported by ten committee members and over 70 volunteers.

The Contest Winner List

Group / Grade	1st Place	2nd Place	3rd Place
A1-H Pre-K	Avery Guo	Mila Xiao	Alina Duan
A2-H K	Yi-Chung Peng	Abigail Jin	Thomas Tan
A3-H G1	Mia Zheng	Ava Xia	Candice Hou
A4-H G1	S. Tanglaurence	Laurel Chen	Juliana Yan
A5-H G2	Eric Shao	Qiyi Jin	Sharon Zheng
A6-H G2	Ivy	Aiden Guo	Lucas Liu
B1-H G3	Jerry Cao	Zoey Wang	Madeline Aaron
B2-H G3	Claire Hou	Qi Lu	Eowyn Xu
B3-H G4	Benjamin Lesner	Fiona Ou	Hannah Wu
C1-H G6-8	Erin Zhang	Andrew Huang	Roger Wang
D1-H G911	Esther Zhou		
E1-NH K-G2	Tommy Joe	Asher He	Charlotte Mattinson
E2-NH G4-5	Alice Vasylenko	Victoria Bugeja	
E3-NH G6	Mason Dong	Sam Lund	Sanya Sharath
E4-NH G7-8	Ishaan Siddamshetty	Julian Gatje	
F1-NH G9	Daniela Mantula		



Part of Winer, Award Presenters, and Committee Members

YOUTH ENGLISH SPEECH WORKSHOPS AND CONTEST



CHAIR

Jasmine Yin

The 2024 DFW Youth English Speech Contest took place at the University of Texas at Dallas on Saturday, June 22nd, gathering around 300 students and parents to celebrate the art of public speaking and empower young minds. Hosted by the Chinese Institute of Engineers/USA-DFW Chapter and organized by the Texas Dragon Toastmasters Club, the event aimed to foster confidence and ignite passion for public speaking among youth.

The contest featured 96 participants from grades 1 to 12, divided into 10 groups based on their grade levels. The students eloquently spoke on diverse topics, showcasing their communication skills with vocal variety, body language, and eye contact. With the support of esteemed sponsors including Oncor, Texas Instruments, Diodes, Cathay Bank, BeyondSOFT and Cindi's New York Deli, and the University of Texas at Dallas, the contest proved to be a resounding success.

Guided by Distinguished Toastmaster Ms. Mei Lin as the chief judge, the event maintained a fair evaluation process with 20 trained judges. Over 150 dedicated volunteers supported the smooth execution of the event.

During the awards ceremony, the winners and their proud parents celebrated their achievements. The contest provided a valuable platform for young individuals to develop speech skills, stimulate interest in public speaking, and nurture confidence and leadership abilities.

Prior to the contest, the committee organized two public speaking workshops that attracted over 80 students and parents. The workshops, held on May 25th and June 15th, delved into techniques for delivering clear and logical speeches, captivating audiences with vocal variety, effectively conveying information, and emphasizing key points through gestures.

The event concluded on a high note, leaving a lasting impact on participants, and inspiring their growth in public speaking and beyond. As the echoes of powerful speeches continue to resonate, the organizing committee and sponsors eagerly anticipate witnessing the participants' growth and success in the years to come.



Judges and volunteers

YOUTH ENGLISH SPEECH WORKSHOPS AND CONTEST

Winners of the contest were recognized in various grade-based groups:

Grade Group	1st Place	2nd Place	3rd Place	Honorable Mention
1st Grade	Chloe Bodam	Vincent Han	Mia Zheng	-
2nd Grade	Yi Yang	Ivy Liu	Aiden Guo	Daniel Liang, Eric Li
3rd Grade	Enza Marcaccio	Edison Bodam	Brandon Gu	Matthew Li, Jerry Cao
4th Grade	Angela Guo	Ananya Sheshadri	Karina Jiang	Jacqueline Yuan, Siddharth Hegde, Wilson Zhou, Willie Guo
5th Grade	Hannah Wu	Aditri Senthil	Neil Arumalla	Allison Long
6th Grade	Sanskaar Venkata	Rachael Du	Celine Wu	Sahasra Potlapalli, Saanvi Sriram
7th Grade	Amber Zhou	Tyler Prothro	Mitra Amin	Avyukth Venganti, Chloe Li
8th Grade	Kathleen Jiang	Anakha Ajai	Swathi Subramanian	Sai Vemula, Kristine Qiao, Vivaan Sethiya
9th Grade	James Hu	Maddie Chen	Samarth Jain	Vachi Kasera, Trinity Tandon
10-11th Grade	Jimmy Zhang	Grace Fung	Oliver Chen	Christine Wu



Winners and award presenters

2024 Youth STEM Convention

MathComp/MathFun & Educational Seminar



CHAIR

Bryan Taylor

CIE/USA-DFW successfully held the annual MathComp/MathFun on Saturday, June 1st, 2024, at the University of Texas at Dallas. It is the flagship youth program of CIE/USA-DFW, featuring a math competition for students from first through eighth grade, a parenting seminar, and a math fun fair.

The goal of this event is to inspire and stimulate young students' interest in Science, Technology, Engineering, and Mathematics (STEM). Over 200 students, parents, and volunteers participated in this year's MathComp (math competition). The top scoring contestants and honorable mentions from each grade were celebrated, fostering a sense of accomplishment and motivation.

After the MathComp, the students rushed out of the classrooms and enthusiastically participated in MathFun, an interactive program designed for students to broaden their critical thinking skills and to learn to apply mathematics to real-life challenges. MathFun included chess, electric circuits, Rubik's Cube puzzles, Lego robotics kits, and robotics demonstrations.

Christi Popovich was the Master of Ceremony for the awards ceremony. CIE/USA-DFW presented the first, second, and third place trophies to 24 winners in Grades one through eight, who were top scorers of their grade for the MathComp. In addition, 12 students received honorable mention medals. Congratulations to the award winners! The MathComp winner list can be found at the CIE/USA-DFW event site and on the next page.

Following Math Fun, over 200 parents and guests attended a separate Educational seminar and panel discussions. The theme of the parenting seminar was "Cultivate Love & Success on AI, STEM, & Future." Glen Fan served as the Chair, Master of Ceremony, and moderator for this session, with five guest speakers including Jose Alvarez (Ericsson), and students Jenny Deng, Alex Pan, and Kevin Wang.



Speakers for Parenting Seminar from left to right: Glen Fan, Jose Alvarez, Jenny Deng, Alex Pan, Kevin Yang, and Yun Liu

2024 Youth STEM Convention MathComp/MathFun & Educational Seminar



Winners of Math Competition and SECC Competition

Grade	1st Place	2nd Place	3rd Place	Honorable Mention
1	Elijah Wang	Laurel Chen	Ethan Chow	Max Yue
2	Ethan Lu	Pepper Li	Duncan Wang	Aiden Guo, CJ Liu
3	Amelia Chou	Brandon Gu	Marcus Mai	Divyesh Majumdar, Jessalyn Wang
4	Cyrus Kuang	Vatsal Ganesh	Yuntao Chen	Ethan Li, Jacqueline Yuan
5	Michael Mao	Ethan Shi	Ayden Jin	Ally Jin, Caleb Zhang
6	Shaheem Samsudeen	Avahan Gautam	Roger Wang	William Zhao
7	Emma Zhu	Madeline Xing	Edwin Wu	Thomas Wu
8	Kyle Lin	Jay Yi	Owen Xie	Jacob Yang

CIE/USA-DFW Youth STEM Convention committee would like to express our sincere appreciation to all the volunteers and corporate sponsors - Oncor Electric Delivery, Texas Instruments, Diodes Incorporated, Cathay Bank Foundation, Cindi's New York Delicatessen, ConsulPath Inc., the University of Texas at Dallas Center for Asian Studies, and Beyondsoft Consulting Inc. - for their contributions to make this event a great success!



CIE Youth STEM Convention volunteers

2024 Youth STEM Convention

Student Engineering Creativity Convention (SECC)



CHAIR

Martin Zhang



CIE/USA-DFW successfully held the 7th annual SECC on Saturday, June 1st, 2024. Because AI technologies are a hot topic in people's lives this year, the decision was made to focus on AI using one popular reinforcement learning platform, namely AWS DeepRacer from Amazon Web Service. Hosting this event in hybrid expanded CIE/USA DFW's impact on students outside the Dallas-Fort Worth Metroplex, including participants from the East Coast, California, and China. The SECC is a flagship youth program of CIE/USA-DFW, featuring engineering competitions for students in grades 1-12, including two workshops, two virtual competitions, and one final engineering product presentation. The goal of the program was to help students develop their interest in Science, Technology, Engineering, and Math (STEM) with hands-on experience as well as being creative when facing challenges.



In the 2024 SECC program, we introduced AWS DeepRacer to get students interested in AI. DeepRacer turns AI development into a fun and competitive game. Students can design and train their own AI models to race autonomous cars on a virtual track. This approach can motivate students to explore AI concepts in a more enjoyable way. Meanwhile, we orchestrated two rounds of virtual showdowns featuring an array of tracks: Division A targets grades 6 to 8, while Division B hones in on the prowess of high school students spanning grades 9 to 12.

The 1st workshop invited speakers from the information technology industry to unveil the fundamental tenets and real-world influence of Artificial Intelligence and reinforcement learning in our everyday existence, in addition to the introduction of the AWS DeepRacer development environment. This workshop attracted approximately 60 participants. The 2nd workshop gave a live demonstration and detailed explanation of the hyperparameters for fine-tuning DeepRacer AI models. This year's SECC had 8 teams, 4 from Division A (6th to 8th grade), and 4 from Division B (9th to 12th grade). Each group submitted the AI models to the virtual track on the virtual competition day and received related scores based on the model performance on the track. Each team then had interviews with judges in the interview rooms for 10 minutes on the event day before a final composite score was given to each team. The award ceremony reached its climax when the award winners were announced.

2024 Youth STEM Convention Student Engineering Creativity Convention (SECC)



CIE Co-President Dr. Yun Liu, Martin Zhang, and Dr. Dennis Kratz presenting trophies to Division B Team winners

Division A

- **Team Category**
 - **1st Place Team D:**

Isaac Yu Song, Isabella Li, Evan Chen, Andrew Li, Ziqian Wei, Lester L Tong, Ruowei Sun, Jeff Chiu
 - **2nd Place Team B:**

Harry Chen, Mark Zeng (Hao), Aiden Chen, Zi Wang, Skye Chen, Christopher An
 - **3rd Place Team D:**

Sarah Ji, Ethan Dong, Roger Tang, Matthew Xie, Xinshou Zhou

Division B

- **Team Category**
 - **1st Place Team B:**

Eric Liu, Gavin Wang, Maggie Zhang, Victor Young, Forest Young, Myron Lai
 - **2nd Place A:**

Sarina Feng, Yuekai Kevin Wang, Anita Qian, Noah Von Dem Bruch, Andy Li, Yifei Liu, Caleb Su
 - **3rd Place Team D:**

Jason Zlantinski, Olivia Zhang, Elizabeth Kondev

2024 DFW CHINESE YOUTH CAMP (CYC)

The Dallas-Fort Worth Chinese Youth Camp (DFW CYC) 2024 sponsored by CIE/USA-DFW was a remarkable event that brought together Chinese American youth and participants from diverse backgrounds to celebrate culture, community, and heritage. The camp, held on June 30 through July 6, 2024, was a vibrant mosaic of activities, learning experiences, and memorable moments.

DFW CYC has long been a cornerstone for the Chinese American community in the Dallas-Fort Worth area, providing a space for young people to connect with their roots, learn about their heritage, and forge lifelong friendships. Throughout the week, campers engaged in a variety of activities designed to immerse them in Chinese culture as well as STEM activities, and APAA courses. Our camp was fortunate enough to have two cultural teachers from Taiwan this year. The parents were able to view what their campers learned throughout the week of camp and were very impressed. We hope this camp experience was the best yet and are excited to welcome them all back next year!



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2024 CIE Committee

ABOUT CIE/USA

Mission - The Chinese Institute of Engineers (CIE/USA) is dedicated to promoting engineering and scientific excellence, professional advancement and leadership development of Asian- Americans.

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 Southern California 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.

ABOUT CIE/USA-DFW 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.

The mission of CIE/USA-DFW is to enable the growth of current and aspiring engineers and technologists by providing a platform for technical exchange, professional networking, and STEM awareness.

Benefits of CIE/USA-DFW Chapter Membership

Technical Advancement - The 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 provides 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.

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.

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

Sign up for our newsletter, follow us on Facebook and LinkedIn, and watch the event programs on our YouTube channel.

Join us as a member of the CIE family!

Newsletter



Facebook



LinkedIn



YouTube





2024



AAEOY

Networking and Award Ceremony Gala



Hyatt Regency Lake Washington
1053 Lk Washington Blvd N, Renton
Sep 27th - 28th, 2024

Asian American Engineer of the Year (AAEOY) is an annual event honoring outstanding Asian American professionals in Science and Engineering for achievements, leadership, and public service.



2023 AAEOY Award Recipients



WWW.AAEOY.ORG

MAIL@AAEOY.ORG

SCAN ME

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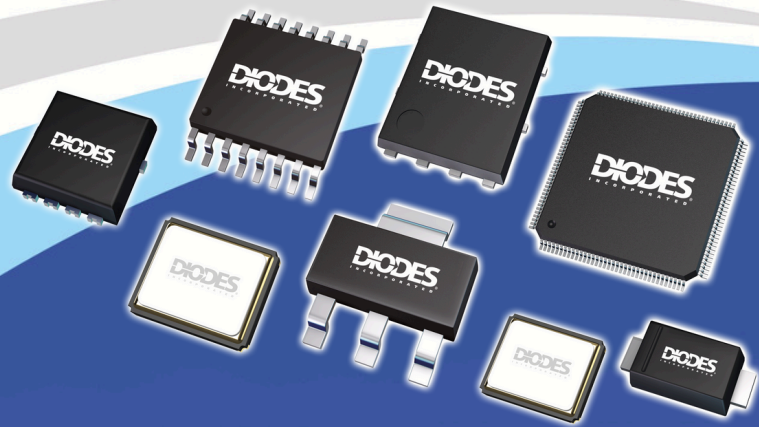
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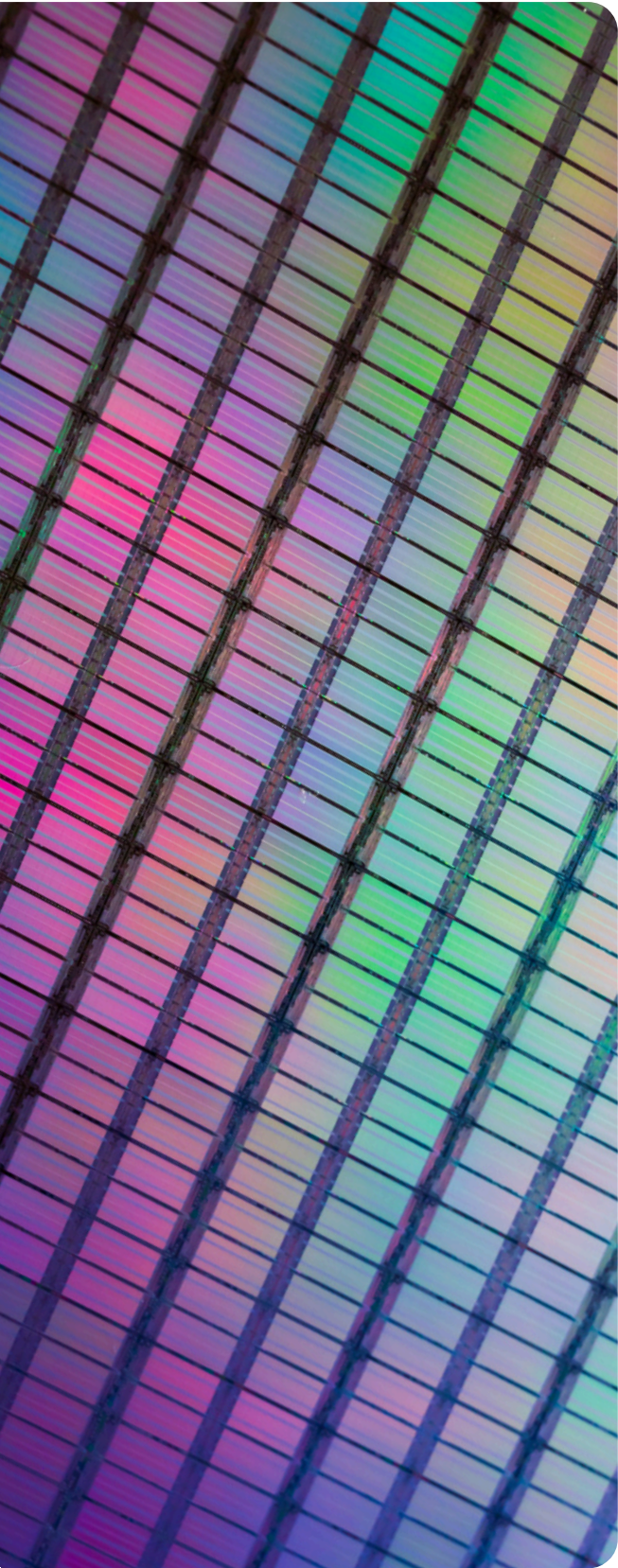
As a proud sponsor of CIE/USA-DFW's annual convention, we welcome you.

Fostering collaboration in the technology community is critical for fueling innovation and elevating interest in science, technology, engineering, and mathematics (STEM).

As a global designer, manufacturer, and supplier of high-quality semiconductor products to the world's leading companies, we actively recruit and develop professionals skilled in these disciplines.

Enjoy the convention and we look forward to meeting you.





Creating an inclusive workplace

At TI, our diverse backgrounds and perspectives make our products more innovative and our company stronger. We work to create an inclusive culture where ideas are respected and encouraged, and where our people know that they can succeed and build long-term careers.

▶ www.ti.com/inclusion