



美洲
中國工程師學會

Chinese Institute of Engineers/USA
San Francisco Bay Area Chapter



BEYOND BREAKTHROUGH

THE 43rd ANNUAL CONFERENCE

05 . 14 . 2022

SANTA CLARA CONVENTION CENTER
5001 GREAT AMERICA PKWY,
SANTA CLARA, CA 95054
WWW.CIE-SF.ORG



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PRIVATE CLIENT SERVICES

Capital Group Private Client Services supports Chinese Institute of Engineers USA, San Francisco Bay Area Chapter in celebrating professional excellence and spotlighting leadership within the Asian community.

Junia Pan Li and the entire team at Capital Group Private Client Services extend our congratulations to the 2022 Scholarship, Entrepreneur of the Year, and Technology and Humanity Award winners.

Junia Pan Li

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CIE/USA - SF 43rd Annual Conference Program

Saturday, May 14, 2022
Santa Clara Convention Center

- 12:30 PM** **Registration and Exhibition**
- 01:00 PM** **Opening Remarks**
- 01:05 PM** **Afternoon Technical Session: Beyond Breakthrough**
Dr. Tom Coughlin, President of Coughlin Associates, 2019 IEEE-USA President
Title: The Memory of Artificial Intelligence
Dr. Paul Rousseau, Senior Director of TSMC North America
Title: TSMC - Powering the Digital Revolution
Mr. Mir Imran, Founder of InCube Ventures
Fireside Chat with Mir Imran, Interviewed by Christie Wang
Dr. Eliza Du, CEO and Co-founder of Integem
Title: Innovation with Metaverse
- 05:00 PM** **Break and Networking**
- 05:30 PM** **Dinner Banquet Registration**
- 06:00 PM** **Dinner Banquet**
- 06:45 PM** **Entertainment Performance**
- 07:05 PM** **CIE/USA-SF President's Speech**
- 07:15 PM** **CIE/USA-SF New President's Speech**
- 07:20 PM** **Keynote Speech**
Ms. Betty T. Yee, California State Controller
- 08:00 PM** **Entrepreneur of the Year Awards**
Silicon Valley Emerging Entrepreneur of the Year Award
Awardee: Mr. Larry Liu, CEO and Co-founder of Weee!
Silicon Valley Emerging Entrepreneur of the Year Award
Awardee: Dr. Jun Pei, CEO and Co-founder of Cepton
Distinguished Lifetime Achievement in Entrepreneurship Award
Awardee: Mr. Mir Imran, Founder of InCube Ventures
- 09:00 PM** **High School Student Scholarship Awards**
- 09:20 PM** **Closing Remarks**



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Raymond Y. Chen
Chairman of the Board

FROM THE CHAIRMAN

105 years ago, a group of visionary engineers of Chinese descent founded the Chinese Institute of Engineers/USA in New York to advance the knowledge in engineering and to foster the fellowship among the engineers. Today, this vision not only continues, but also expands to leadership development and community services. Chinese Institute of Engineers USA, San Francisco Chapter is proud to carry the torch passed on to us by our forerunners.

Welcome to our 43rd Annual Conference! I am glad to see that so many of you could join us here at the Santa Clara Convention Center. The pandemic has kept us apart for two years and finally we are able to meet and greet each other in person. Looking back, even though we have been constrained to only online events, we still delivered more than 30 successful events and programs, especially the 2020-2021 Asian American Engineer of the Year Award & Conference (2021. aaeoy.org) which became a year long program including The Speaker Series, two nation-wide Career Fairs, a Pre-Award Gala, and a professionally produced Award Ceremony. Along the process, we gained a lot of dedicated volunteers, generous sponsors, and alliance partners. Here on behalf of the CIE-SF board of directors, I want to express our sincere gratitude to all of them.

When Brian Pan, our chapter president, and Jonathan Chiang, our conference chair, decided to bring back this conference in person, they had gone through lots of preparations and discussions many months ago taking into consideration all those uncertainties. The entire board was delighted to see our current officers' willingness to take calculated risks with detailed planning work, with the goal to continue bringing fellow engineers together, hear the current innovations and trends, and inspirational stories from this afternoon session's speakers and tonight's Entrepreneur of the Year awardees.

We hope to continue encouraging fellow engineers to achieve technical excellence, advance their leadership skills, and to join us as volunteers to give back to this community. We hope that the outstanding accomplishments and contributions of tonight's awardees are known and we want to pass the torch to the next generation, including those high school scholarship awardees here with us tonight.

I hope you enjoy our program today and look forward to your continuous support and another fruitful year to serve our engineering community. Thank you!

FROM THE PRESIDENT



Brian Pan
President

On behalf of Chinese Institute of Engineers U.S.A., San Francisco Bay Area Chapter (CIE/ USA-SF), I would like to welcome you to the 2022 Annual Conference. With your continuous support, we have successfully brought various exciting technical and humanities programs to our communities.

Under the Chinese Institute of Engineers U.S.A., founded in 1917, the CIE/ USA-SF was established in 1979 as a non-profit professional organization to promote technical and scientific excellence, professional advancement and leadership development. We have been serving local communities for 43 years with many activities and numerous annual events.

COVID started in 2020 but it didn't slow us down. We became even more active and hosted more virtual events. The most challenging one was bringing AAEOY Ceremony and Conference online and making it a yearlong program. More than 5000 people participated in this nationwide program especially in AAEOY Speak Series, AAEOY Career Fair and Carnival, and AAEOY Award Ceremony.

CIE/USA-SF has many professional board members and devoted volunteers who have helped expand our programs to include additional fields in Biomedical Health, Engineer Career Advancement Talk Series, Financial Education and Young-CIE activities. We utilized Eventbrite, Zoom and YouTube to build up an online event workflow. We have hosted more than 30 activities in the past year.

After more than two years of virtual events, now we are gradually moving back to in-person activities. It's our honor to have California State Controller Ms. Betty Yee as a keynote speaker, three Entrepreneur of the Year awardees in the banquet and four distinguished speakers in Technical Forum to enrich the 43rd annual conference this year.

Lastly, I would like to express my most sincere appreciation to our former Chapter Presidents, Board of Directors, sponsors and our chapter officers: Jonathan Chiang, Conference Chair; Libo Weng, Secretary; Jessica Tseng, Treasurer and Technical Group Officers. With all your dedications and contributions, CIE/USA-SF will continue to grow and shine for many years to come.



KEYNOTE SPEAKER

BETTY T. YEE

California State Controller



KEYNOTE

State Controller Betty T. Yee was elected in November 2014, following two terms of service on the California Board of Equalization. As Controller, she continues to serve the Board as its fifth voting member. Reelected for a second term as Controller in 2018, Ms. Yee is only the tenth woman in California history to be elected to statewide office.

As chief fiscal officer of the world's fifth-largest economy, Ms. Yee chairs the Franchise Tax Board and serves as a member of the California Public Employees' Retirement System (CalPERS) and the California State Teachers' Retirement System (CalSTRS) Boards. The nation's largest public pension funds, these two boards have a combined portfolio of more than \$800 billion.

Ms. Yee serves on dozens of boards, commissions, and financing authorities affecting policies ranging from land management, affordable housing, and alternative transportation to crime victim compensation and health and educational facilities.

As chair of the State Lands Commission, she provides stewardship of public-trust lands, waterways, and marine resources through economic development, protection, preservation, and restoration consistent with the state's environmental needs. In this capacity, Ms. Yee led the adoption of the Commission's first-ever strategic plan, focusing on addressing sea-level rise and oil decommissioning, with a commitment to environmental justice and tribal consultation. She also spearheaded the shuttering of the last state oil platform in the Santa Barbara channel.

A native of San Francisco, Ms. Yee has more than 35 years of experience in public service, specializing in state and local finance and tax policy. Ms. Yee leads an experienced, full-time team of public service professionals who are responsible for financial reporting, audits, and issuing more than 49 million payments annually to vendors, local governments, school districts, taxpayers, and state employees. Through the COVID-19 pandemic, she has worked to streamline the State Controller's Office manual processes and reimagine the agency as a workplace of the future.

Ms. Yee previously served as Chief Deputy Director for Budget with the California Department of Finance where she led the development of the Governor's Budget, negotiations with the Legislature and key budget stakeholders, and fiscal analyses of legislation. Prior to this, she served in senior staff positions for several fiscal and policy committees in both houses of the California State Legislature.

Ms. Yee also serves on the Ceres Board of Directors, a global nonprofit organization working to mobilize many of the world's largest investors to advance sustainability and take stronger action on climate change.

2022 DISTINGUISHED LIFETIME ACHIEVEMENT IN ENTREPRENEURSHIP AWARD



Mr. Mir Imran
Entrepreneur



Mr. Mir Imran has worked in the Medical Technology field for 40 years, having set up more than 20 companies and exited 15 companies. In this fireside chat put together by Christie Wang, Christie will be interviewing Mir Imran on his journey in the medtech field, about current trends and innovations, his personal experiences (successes, failures and lessons) , and his latest venture Rani Therapeutics.

Mir Imran is a prolific healthcare innovator and entrepreneur who has been developing and commercializing breakthrough medical innovations for more than 40 years. As an entrepreneur, Mir has founded more than 20 life sciences companies and is holding more than 800 patents; 15 of his companies have seen “liquidity events” (IPO/ Acquisition). His recent exit, Rani Therapeutics Holdings Inc., focusing on oral delivery of biologics, went public on Nasdaq in July 2021, which was his fourth IPO. Mir is perhaps most well-known for his pioneering contributions to the first FDA-approved Automatic Implantable Cardioverter Defibrillator. Mir has received a number of industry accolades for his work including being named one of the most inspiring people in life sciences (PharmaVoice) and one of the “Top 50 Medical Device Inventors of All Time” . Mir has also been recognized as a fellow for both the National Academy of Inventors (NAI) and the National Academy of Engineering (NAE).

2022 SILICON VALLEY EMERGING ENTREPRENEUR OF THE YEAR AWARD



Larry Liu is the CEO and founder of Weee!, the largest and fastest-growing online Asian and Hispanic e-grocer, which provides exciting, high-quality products to consumers nationwide. Almost two decades ago, Larry came to the United States as an engineer; he quickly realized there was not simply a lack of Asian goods at local stores, but that a social and joyful aspect of shopping was missing.

Larry believes that people should celebrate life through food by empowering the shared discovery of delightful, food-at-home products and experiences. Founded in 2015 and valued at over \$4.1 billion, today, Weee! has over 2,000 employees and serves ethnic communities with access to authentic and exciting food throughout the nation. Prior to launching Weee!, Larry worked at Intel, Brocade, and Atmel in various engineering and finance roles. He holds a BSEE from Shanghai Jiao Tong University and an MBA from UC Davis Graduate School of Management.



Larry Liu
CEO and Co-Founder of Weee!

2022 SILICON VALLEY EMERGING ENTREPRENEUR OF THE YEAR AWARD



**Dr. Jun Pei,
CEO and Co-Founder of Cepton**



Dr. Jun Pei, CEO and co-founder of Cepton (Nasdaq CPTN), is a serial entrepreneur and technologist in optics and electronics. An innovator by nature, inspired by his grandfather Pei Wenzhong who was a renowned anthropologist, Pei has been referred to by some industry veterans as a “genius at instrumentation.” He developed the first optical and acoustical combination technique in semiconductor thin film measurement and holds numerous patents in the field of metrology and lidar. Before co-founding Cepton, Pei founded AEP Technology, an advanced optical instrumentation company, that focused on 3D surface profiling on a nanometer scale and pioneered the application of parallel computing in interferometric microscopy. AEP Technology’s instruments are used in advanced research institutions across the world.

Earlier in his career, he worked as a senior scientist at KLA-Tencor in the field of defect inspection in a nanometer scale, enhancing leading-edge semiconductor processing. He also led an engineering team at Velodyne in helping launch the HDL-64 lidar which is used in autonomous vehicles even today. Pei received his Ph.D. and Master’s in electrical engineering from Stanford University. While a student at Stanford, Pei studied optics, acoustics and electronics with an initial interest in becoming a professor before, as he says it, “being corrupted by the capitalism surrounding him in Silicon Valley,” shifted his interests. Pei received his Bachelor’s degree in physics and computer science as a Wien International Scholar at Brandeis University, and studied physics at Peking University.

CONFERENCE CHAIR



Mr. Jonathan Chiang

Welcome to the 2022 CIE/USA-SF 43rd Annual Conference! This large-scale in-person event signifies an important turning point in our post-pandemic life – Silicon Valley engineering professionals are finally able to return to normal social life. During the past two years, we have witnessed numerous breakthroughs, be it good or bad. Therefore, we chose “Beyond Breakthrough” as our conference theme for the year. We are as curious and as eager to learn what can be expected after the unprecedented COVID crisis, both in technology and society.

In the afternoon technical program, we aim at the breakthrough itself in various fields. Our guest speakers will reveal, in their observations, the long term influence and impact of these technology advancements. Later at the dinner banquet, we will infer the same concept about breakthroughs from technology to where we live, California. Our honorable keynote speaker, California State Controller Ms. Betty Yee, will share with us how California maneuvered through one of the greatest crises in centuries, and what the next steps are beyond the breakthrough.

In addition, CIE/USA-SF has also made its own breakthrough to extend the scope of Entrepreneur of the Year Award to all Asian Americans. It is CIE’s goal to broaden our outreach and influence to different ethnic communities. On behalf of the annual conference committee, I want to sincerely congratulate the three entrepreneur awardees for their exceptional hard work and creative approach in business.

Lastly, I would like to thank all the dedicated CIE/USA-SF board of directors, volunteers, and group officers. This conference would not be possible without their help. My deep appreciation also goes to the conference sponsors for their generous financial support and to our CIE friends for their continuous partnership standing with us. Thank you.

Jonathan Chiang is the current CIE/USA-SF Vice President and board member. He served as the EECS technical group chair for four years and founded CIE Coding Study Group. Devoted to connect the engineering community, Jonathan organized more than 50 technical seminars and meetings. He helped to bridge member engineers to better networking and career opportunities in the software domain. Jonathan graduated from the Computer Science Department at Johns Hopkins University. He has been in the IC design semiconductor industry for 15 years, managing next-generation communication broadband projects. Aside from his profession, Jonathan actively volunteers in various charity organizations and has hosted over 140 radio episodes for Tzu-Chi Foundation broadcasted in both Silicon Valley and Taiwan.



Evening Program MC Christie Wang

Christie Wang is the Partner at Valere Venture, focusing on medtech and healthcare investments. She also co-founded an orthopedics surgical robot company providing total clinical solutions for neuro and spine surgeons. Prior, Christie co-founded and was President of AdcuraSpine, which developed innovative spinal interbody implants, and is in full US commercialization and acquisition discussions. Prior, Christie was Managing Director for Jiangsu Innovation Research Center (North America), a cross border investment fund focusing mainly on IOT and medical innovation. Prior, she worked for Hewlett Packard Legal/Corporate in corporate governance, investment and intellectual property.

Christie graduated from Juris Doctor (J.D.) program from Northwestern University School of Law, and Kellogg Business School. She invested and serves as advisor/board member of a number of technology and healthcare companies. She also serves on the Board of Chinese Institute of Engineers USA, San Francisco Bay Area Chapter (CIE/USA-SF). She served as mentor for Stanford University Technology Innovation. Christie was awarded the Most Outstanding Overseas Youth Chinese by the State Council of PRC in 2015 and met with Chinese President Xi Jinping in Seattle. She is an amateur singer and trilingual show host.



Classical Guitarist Steve Lin

Steve Lin has concertized throughout the United States, Mexico, Italy, Japan, the Philippines, and Taiwan. He is acclaimed by Classical Guitar Magazine as “a confident player with a powerful sound, quick hands, and a solid musical memory” and praised by American guitar virtuoso Eliot Fisk as a performer who “plays with an innate and uncommon elegance”.

Steve was the first prize winner at the 2006 Boston GuitarFest Competition and the 2001 East Carolina University Guitar Competition. He has performed at Mérida Yucatán Guitar Festival, Yale Guitar Extravaganza, L’Accademia Musicale Chigiana, Chitarralperia Festival, and Stetson Guitar Workshop.

A recording artist for VGo Recordings, Steve has released three albums. The first, Eliot Fisk Series Vol. 1 (VG1013), is a joint effort with guitarist Joseph Williams II and La Bella Strings and was dubbed “innovative and exciting” by Minor 7th Acoustic Guitar Music Reviews. His second CD, Imagen (VG1015), features the Latin American compositions of Agustín Barrios and Antonio Lauro, which Classical Guitar Magazine called “brilliant” and “virtuosic”. The third album, A Path Less Trod, features the Black Cedar Trio of flute, cello, and guitar.

Steve is the guitar professor at San Jose State University. Steve completed his doctorate from New England Conservatory under Eliot Fisk. He earned his M.M. at Yale School of Music and his B.M. at NEC. His primary teachers have included Oscar Ghiglia, Lorenzo Micheli, Wei-Ren Chuang, Ronald Purcell, and Ronald Borczon. He enjoys cooking, badminton, and has recently started Brazilian jiu-jitsu.



2022 CIE Afternoon Technical Program Chair Dr. William Kao

Dr. William Kao (高耀京) received his BSEE, MSEE and PhD from the University of Illinois Urbana-Champaign. He worked in the Semiconductor and Electronic Design Automation industries for more than 30 years holding several senior and executive engineering management positions at Texas Instruments, Xerox Corporation, and Cadence Design Systems.

Dr. Kao has authored more than 40 technical papers on IC CAD at IEEE Journals and Conferences, and holds eight United States IC Design and Software patents. He was an Adjunct Professor at UCLA Electrical Engineering Department where he taught courses in Computer Aided IC design.

Dr. Kao is a Senior Member of IEEE, and was one of the founding members of IEEE-Circuits and Systems - Silicon Valley Chapter.

Dr. Kao currently teaches Clean Technology and Emerging Technology courses at the University of California Santa Cruz, Silicon Valley Extension.

He has given more than 100 seminars in the past ten years on various Emerging Technologies subjects including Clean Technology, Renewable Energy, Big Data and Data Analytics, IoT, Smart Cities, Sensor Networks, Innovation, Augmented and Virtual Reality, Robotics, AI / Machine Learning, 5G, 3D Printing, the Metaverse and Satellite Communications.

Dr. Kao is currently Chair of the Emerging Technology Group at CIE..



Afternoon Technical Program Co-Organizer and Moderator Mr. Jasopin Lee

Jasopin Lee (黎兆平) received his BS from National Cheng Kung University and MS ECE from UC Santa Barbara. Jasopin has more than 30 years of experience in high performance computing, mobile processor, ASIC design and consumer electronics. He built and led different design teams to develop Server processor, ARM processor, high performance cache SRAM and IP like USB. He has special interest on AI, consumer electronics and vehicle technologies such as autonomous driving, graphics, camera and AI.

Jasopin currently is a Senior IP Technical Program Manager at Amazon. Prior to that, he served various roles at Intel, LSI Logic, National Semi, Chartered Semi, Qualcomm and AMD.

Jasopin has participated in CIE-SF for years and was on the Board of Director, CFO, SIG lead and conference chair of CASPA.



Afternoon Technical Program Co-Organizer and Moderator Dr. Yanshu Li

Yanshu Li (李燕書) received his BS, MS, and PhD from the State University of New York at Buffalo. He has led several break-through projects including world's highest conversion efficiency single-junction and dual-junction solar cells, and the first Moore quality solution for metal mesh touch screens. He enjoys taking on challenges in complex problems and he is passionate about driving new technologies in AI in hardware/software.

Yanshu Li has joined CIE-SF since 2015 and is currently the Chair of Electronic Design Technology Group.



Afternoon Technical Program Co-Organizer and Moderator Christie Wang

Christie Wang is the Partner at Valere Venture, focusing on medtech and healthcare investments. She also co-founded an orthopedics surgical robot company providing total clinical solutions for neuro and spine surgeons. Prior, Christie co-founded and was President of AdcuraSpine, which developed innovative spinal interbody implants, and is in full US commercialization and acquisition discussions. Prior, Christie was Managing Director for Jiangsu Innovation Research Center (North America), a cross border investment fund focusing mainly on IOT and medical innovation. Prior, she worked for Hewlett Packard Legal/Corporate in corporate governance, investment and intellectual property.

Christie graduated from Juris Doctor (J.D.) program from Northwestern University School of Law, and Kellogg Business School. She invested and serves as advisor/board member of a number of technology and healthcare companies. She also serves on the Board of Chinese Institute of Engineers USA, San Francisco Bay Area Chapter (CIE/USA-SF). She served as mentor for Stanford University Technology Innovation. Christie was awarded the Most Outstanding Overseas Youth Chinese by the State Council of PRC in 2015 and met with Chinese President Xi Jinping in Seattle. She is an amateur singer and trilingual show host.

AFTERNOON SPEAKER

DR. THOMAS COUGHLIN

2019 IEEE - USA President

Talk Topic: The Memory of Artificial Intelligence



The use of various types of artificial intelligence (AI) is increasing in the data center, in factories, at the network edge and even in endpoint devices, such as smart watches. AI training and inference requires processing a lot of digital data. Traditional von Neumann computer architectures consume a lot of energy moving data around. This talk will look at processing closer to memory (including persistent memory such as MRAM, RRAM and FRAM) and storage from the data center to endpoint devices. This processing will require new computer architectures using UCIe, CXL, OMI and NVMe-oF that enable processing closer to where the data lives. These new architectures will soon dominate many computing tasks.

SPEAKER BIO:

Tom Coughlin, President, Coughlin Associates is a digital storage analyst as well as a business and technology consultant. He has over 40 years in the data storage industry with engineering and management positions at several companies. Dr. Coughlin has many publications and six patents. Tom is also the author of Digital Storage in Consumer Electronics: The Essential Guide, which is now in its second edition with Springer. Tom is active with SMPTE, SNIA and the IEEE, (he is Past Chair of the Santa Clara Valley Section, Director for IEEE Region 6, Past President of IEEE USA, Past Chair of the IEEE New Initiatives and Public Visibility Committees and active in the Consumer Electronics Society) and other professional organizations. Tom is a Fellow of the IEEE and is Chair of the Consultants Network of Silicon Valley (CNSV).



DR. PAUL ROUSSEAU

Sr. Director at TSMC

Talk Topic: Powering the digital revolution

In this talk, we will take a train ride down Moore's Law. Drawing analogies to the transcontinental railroad, we will explore how human ingenuity has overcome the obstacles to scaling and managed to deliver ever increasing value at smaller nodes. In addition, the continuous optimization of new and existing nodes has created a vibrant ecosystem for innovation to flourish, and in the process transformed the world we live in.

SPEAKER BIO:

Dr. Paul Rousseau is a Senior Director heading TSMC's Field Technical Solutions Division. In his current capacity, his team supports all technology engagements for North America customers. He has held a variety of positions at TSMC ranging from managing the smallest to the biggest customers. He joined TSMC in 1999 from Hewlett-Packard Labs. Paul earned his Ph.D and his Masters of Science Degree from Stanford University in Applied Physics.

AFTERNOON SPEAKER

MR. MIR IMRAN

Top Medical Device Entrepreneur/Inventor

Talk Topic:
Healthcare / Biomedical



Mr. Mir Imran has worked in the Medical Technology field for 40 years, having set up more than 20 companies and exited 15 companies. In this fireside chat put together by Christie Wang, Christie will be interviewing Mir Imran on his journey in the med-tech field, about current trends and innovations, his personal experiences (successes, failures and lessons), and his latest venture Rani Therapeutics.

SPEAKER BIO:

Mir Imran is a prolific healthcare innovator and entrepreneur who has been developing and commercializing breakthrough medical innovations for more than 40 years. As an entrepreneur, Mir has founded more than 20 life sciences companies and is holding more than 800 patents; 15 of his companies have seen “liquidity events” (IPO/ Acquisition). His recent exit, Rani Therapeutics Holdings Inc., focusing on oral delivery of biologics, went public on Nasdaq in July 2021, which was his fourth IPO. Mir is perhaps most well-known for his pioneering contributions to the first FDA-approved Automatic Implantable Cardioverter Defibrillator. Mir has received a number of industry accolades for his work including being named one of the most inspiring people in life sciences (PharmaVoice) and one of the “Top 50 Medical Device Inventors of All Time”. Mir has also been recognized as a fellow for both the National Academy of Inventors (NAI) and the National Academy of Engineering (NAE).



DR. ELIZA DU

CEO of Integem

Talk Topic:
Innovation with Metaverse

In this talk, we will discuss what is Metaverse, key technologies in Metaverse and their current status, and innovation opportunities in Metaverse:

- 1) Visualization and interactive technologies such as AR, VR, Holographic AR, MR, etc.
- 2) AI.
- 3) User data and privacy.
- 4) Experience Design.
- 5) Other related technologies.

SPEAKER BIO:

Dr. Eliza Du is CEO and cofounder of Integem, where she leads her team to develop the next generation Holographic AR platform. She was a tenured engineering professor and Ph.D. advisor at Purdue Univ. and an Engineering Director at Qualcomm. Her technical expertise is in Metaverse, artificial intelligence (AI), computer vision, etc. with over 100+ top-tier peer-reviewed journal articles and international conference papers, and over 30 patents.

2022 CIE/USA-SF SCHOLARSHIP AWARDS



Angel Chuang

- Sacred Heart Cathedral Preparatory, Grade 11
- Youth for Mental Health: Founder/President
- Stanford Youth Leadership Conference (August 2021) First Place Team Project
- Head Coach for West Portal Lutheran 5th Grade Volleyball Team
- Sacred Heart Cathedral Preparatory Women's Volleyball Team Captain (2019)
- California Scholarship Federation (CSF) Honorary Member
- Academic Excellence Award in Advanced Placement Mandarin
- Innovation and Inquiry Scholar (i2) at Sacred Heart Cathedral Preparatory



Anouk Yeh

- Saratoga High School, Grade 12
- Saratoga Falcon Newspaper Editor in Chief (2021-2022)
- Inaugural Santa Clara County Youth Poet Laureate (2021-2022)
- Recipient of the Yerba Buena Center for the Arts' \$5000 "Power Convenings" Grant (2021)
- International Congress of Youth Voices United States Delegate(2019-2022)
- Ranked 2nd in California for Program Oral Interpretation Speech and Debate (2021)
- 2022 Coca-Cola Scholar (2022)
- President and co-founder of Saratoga High LEO Club, Poetry Club and Anti-Racism Task Force (2020-2022)



Duke Yen

- Prospect High School, Grade 11
- 5 AP classes
- Model United Nations
- Future Business Leader of America (FBLA) Club
- Track Team Athlete
- Presidential Volunteer Service Award
- Worked in American Cancer Society Projects

Sincere Appreciation for Dr. Ta-Lin Hsu's Sponsorship to the Scholarship Awards



Edith Chang

- Milpitas High School, Grade 11
- Tzu Chi Youth Group: Malaysia Tutoring - group leader and volunteer
- Caterpillar English Academy: nonprofit organization providing free online tutoring programs for underprivileged youth
- MHS Asian American Association- Vice President
- MHS Leftward Coalition- President
- Milpitas High School Color Guard - Member
- Wisdom Culture and Education Organization (WCEO)- summer camp counselor at the Chinese Folk Arts
- Scholastic Art and Writing Award - Honorable Mention



Evan Liu

- Cupertino High School, Grade 11
- Origami Club: Vice president
- Cupertino High School Choir program- cappella
- American Cancer Society Youth Ambassador:
- President, Cancer awareness/ fundraising program
- Childcare: Helped mother with home daycare
- Torchbearers: Leadership for church youth fellowship
- President's Volunteer Service Award: Bronze Award (2019), Gold Award (2020)



Evan Ouyang

- Homestead High School, Grade 11
- Second Harvest Volunteering – Swimming
- Chemistry Olympiad
- Engineering Club
- Taiwanese Student Association
- Japanese National Honors Society

Sincere Appreciation for Dr. Ta-Lin Hsu's Sponsorship to the Scholarship Awards



Kyle Peng

- Irvington High School, Grade 11
- Leader of environmental benchmark project
- Local and community services
- Volunteers service planning



Logan T. Chu

- Monta Vista High School, Grade 11
- Top score for Chinese AP test
- Synopsys Annual Volunteering: painting/gardenig for low-income schools (100+ hrs.)
- Go club, vice president for sophomore year
- USYVL (US Youth Volleyball League), advanced players
- Ping-pong club
- Badminton club
- Frisbee club



Phoebe Chang

- American High School, Grade 11
- California Music Education Association State Solo and Ensemble Festival: Command Performance Award(2018)
- US International Open Music Competition - Young Prodigy:First Prize(2019)
- California Junior High School All-State Honor Band: Piccolo(2019)
- Fremont Unified School District High School Honor Band: 1st Chair Flute(2020)
- Fremont Youth Symphony Orchestra: Virtuosi – Flute(2017 to 2020)
- Junior Bach Festival: Selected Performer(2019, 2020, and 2021)
- Math Science Nucleus: Volunteered at Tule Ponds at Tyson Lagoon (2021)



Rachel Yen

- Milpitas High School, Grade 12
- National Merit Finalist (2022)
- Presidential Volunteer Service Award - Silver (2021)
- AP Scholar with Distinction Award (2021)
- Girl Scouts of Northern California Silver and Gold Torch Award (2020)
- Marching Band and Color Guard - Color Guard Captain - 2nd in WBA Regional Championships (2021), Finalist in WBA Championships (2019),
- Winter Guard - Captain - WGI Regional Finalists (2022), CCGC James Logan Invitational 5th Place
- Formosa Association of Student Cultural Ambassadors - Vice President (2020-2022)

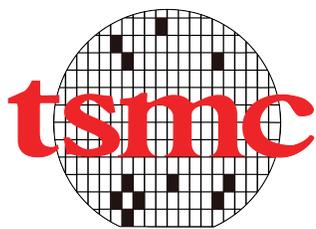
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Limin Hu

SPECIAL ACKNOWLEDGEMENT

We want to acknowledge the hard work of our staff and volunteers.
The teamwork makes this event successful. Many thanks!

2022 CIE/USA-SF Organization

Chairman: Raymond Chen
President: Brian Pan
Vice President: Jonathan Chiang
Secretary: Libo Weng
Treasurer: Jessica Tseng

Board of Directors:

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CIE Volunteers:

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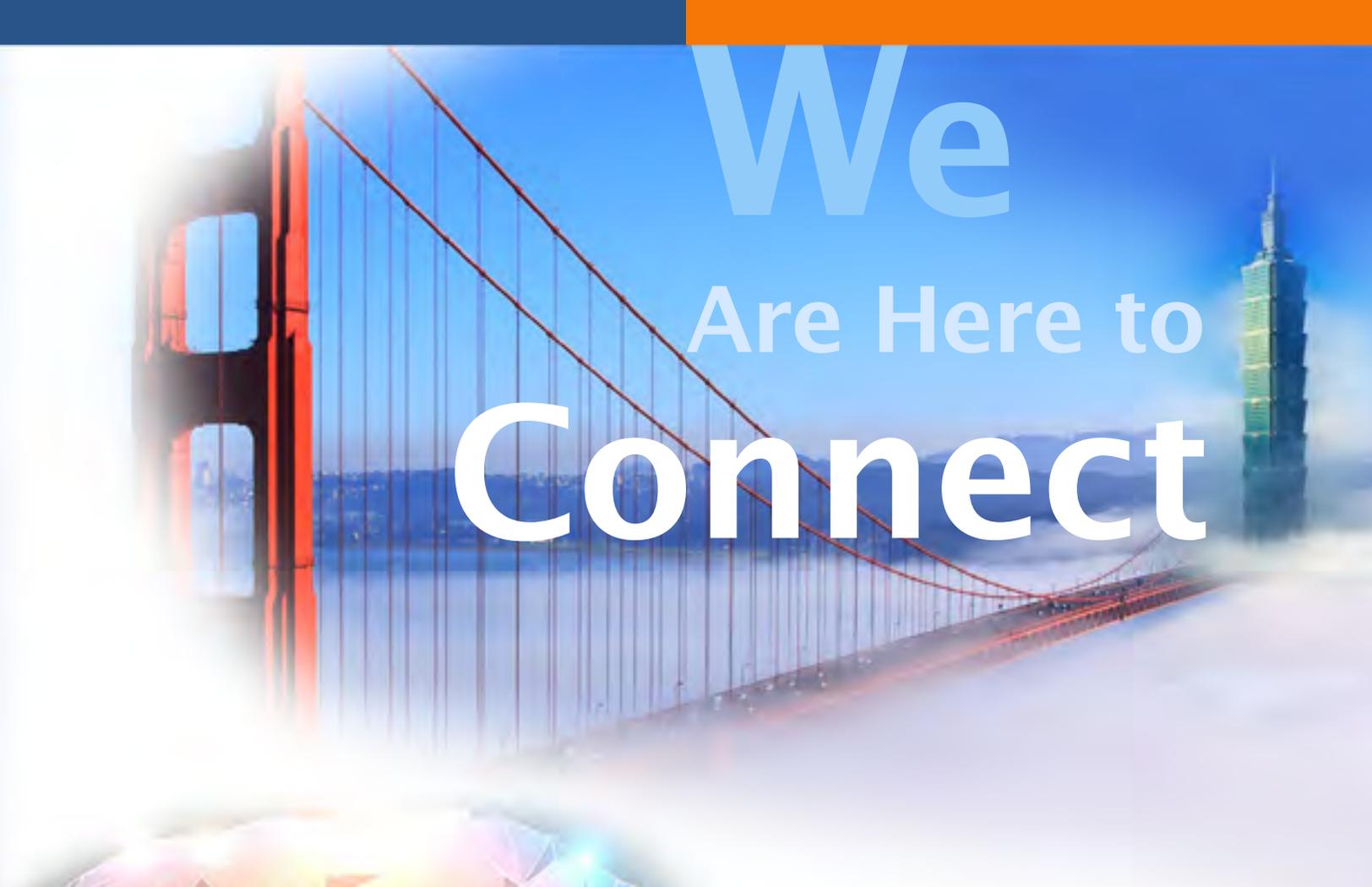
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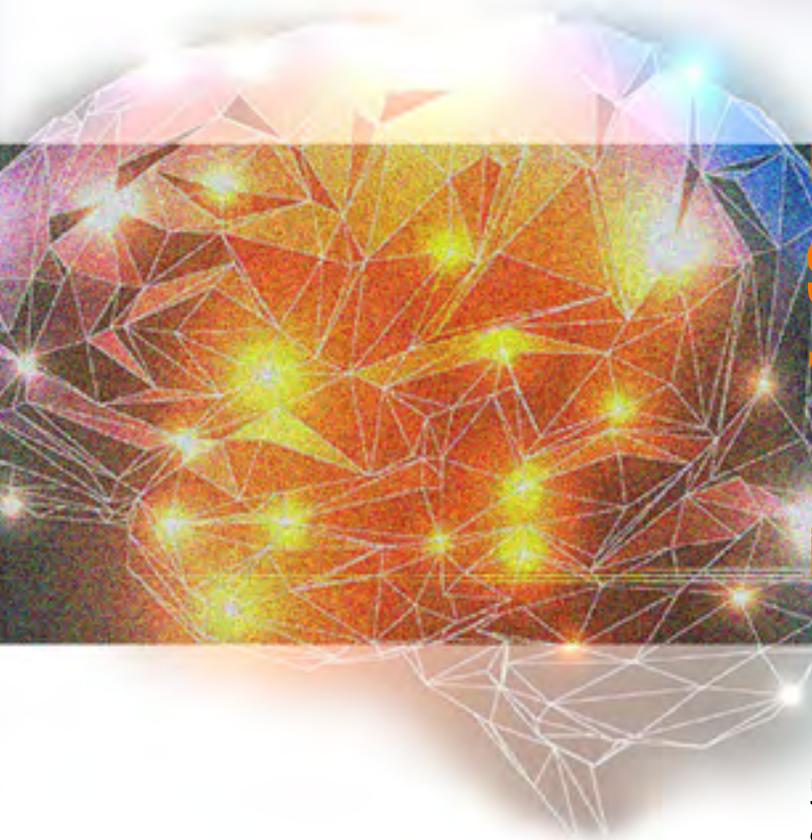
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The background of the top half of the page features a composite image. On the left, the Golden Gate Bridge is shown in a blue-tinted, slightly hazy view. On the right, the Taipei 101 skyscraper is visible against a blue sky. The text 'We Are Here to Connect' is overlaid on this background in white and light blue.

We Are Here to Connect

A large, glowing wireframe globe is positioned in the lower-left quadrant of the page. It is composed of numerous interconnected points and lines, with a color gradient from orange to yellow to blue. The globe appears to be emitting light, with bright spots at various points.

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