美洲
中國工程師學會

Chinese Institute of Engineers/USA
San Francisco Bay Area Chapter

Since 1917
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美洲中國工程師學會
Chinese Institute of Engineers, USA

37th Annual Conference

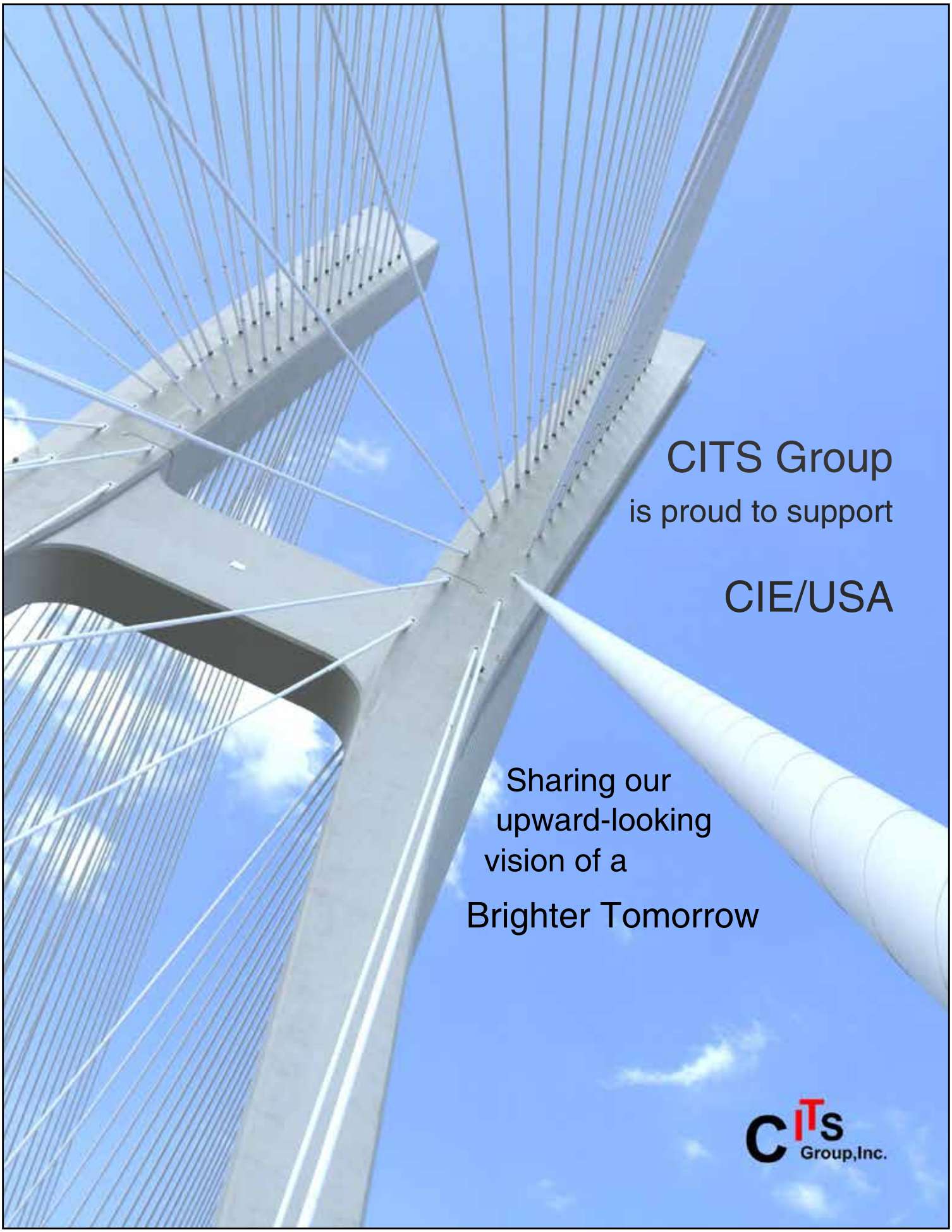
"INNOVATION"

February • 27 • 2016

Computer History Museum

1401 N. Shoreline Blvd., Mountain View, CA 94043

www.cie-sf.org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37th CIE/USA Annual Conference Program

"INNOVATION"

Saturday, February 27, 2016
Computer History Museum
1401 N Shoreline Blvd, Mountain View, CA, 94043

1:00PM **Seminar Registration**
1:20PM **Opening Ceremony**
1:30PM **Technical Seminars**

Maker Event

- **1:30PM-2:00PM** ***"Free to Make: How Making Can Change Your Mind ",*** *by Dale Dougherty,* Founder & Executive Chairman of Maker Media Inc.
- **2:00PM-2:30PM** ***"From Maker to Manufacturer",*** *by Zach Supalla*, Founder & CEO of Particle
- **2:30PM-3:00PM** ***"Building Future Maker Space for K-12 Schools",*** *by Dr.* Weixun Cao, Founder & CEO of BitLab
- **3:10PM-3:40PM** ***"The Evolution of 3D Printing: How Designers of Today Utilize 3D Printing Beyond Simple Prototypes",*** by Sandra Madrigal, Founder & CEO of ProtoCafe
- **3:40PM-4:10PM** ***"Making it Big with Something Small",*** by Steven Si, Technical Director of MediaTek Labs
- **4:10PM-4:30PM** ***"IOT at Home – Maker Application",*** by Arnie Chencinski, Maker
- **4:30PM-4:50PM** ***"My Experience on Making Things with Arduino",*** by Wen Chu, Maker

6:00 PM **Banquet Registration**
6:30 PM **Dinner Banquet**
7:00 PM **CIE/USA-SF General Business and Announcements**
7:15 PM **Keynote Speech: *My Encounter with Innovation***
Prof Chenming Hu (胡正明教授),
Recipient of National Medal of Technology and Innovation
8:00 PM **Silicon Valley Entrepreneur of the Year Award**
Dr. Leslie Bai (柏立洲), SIEMIC
8:15 PM **Technology and Humanity Award**
Dr. Han-Ping Chen (陳漢平博士)
8:30 PM **High School Student Scholarship Awards**
9:00 PM **Entertainment**

Chairman's Remarks

Dr. Chi-Min Chu

Chinese Institute of Engineers/USA was founded by a group of visionary engineers of Chinese decent 99 years ago in New York to advance the knowledge in engineering, and to foster the fellowship among the engineers. It is hard to believe that it has been almost a century for this organization to serve the Chinese engineer community. CIE/USA San Francisco Bay Area Chapter is proud to carry the torch passed on by our forerunners and to continue on this great tradition in the years to come.

Innovation and advancement of knowledge may have their moments of flash inspiration, but most of the time, innovation requires hard work, team effort and support infrastructure. The theme of this year's annual conference is Innovation. In addition to the innovative ideas presented in the conference, CIE's network of engineers and entrepreneurs help connect the resources to where innovation is needed.

CIE throughout the years has advocated the making of a "whole" engineer, an engineer who not only is proficient in one's own profession, but also has broad knowledge in arts, culture, history, and social sciences. This broad-based knowledge and the appreciation of arts often inspires a solution or innovation that is of a higher caliber.

There are many first's in this year's annual conference. Unlike previous years, we will move to Computer History Museum the first time to conduct the venue. On top of traditional ways of news media, we promote this event heavily through social media, such as Facebook, LinkIn, and WeChat this year. In the past year, we spent tremendous amount of effort to consolidate our membership database using our new system. We will have a new way to send our event calendar to our members in the next year. Although I will not call all these changes or initiatives innovation, we had made significant progress and will continue to do so in the coming years to adapt to the innovative infrastructure presented to us. I am excited to witness CIE/USA-SF continuing to grow when we are preparing to celebrate our centennial anniversary.

The theme of this conference is ***Innovation.*** I am sure that CIE has always been, and will continue to be, part of the innovation movement. Hope you can join us for ride.

President's Remarks

Dr. Tien-Chun Yang

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 our 2016 Annual Conference. With your continuous support, we have successfully brought exciting technical and humanities programs to enrich our community.

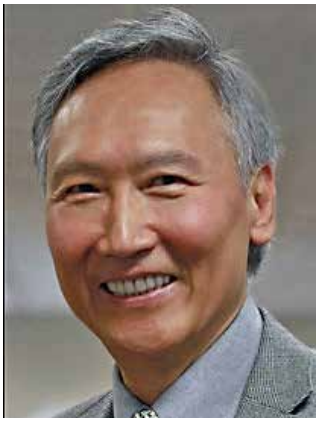
Under the Chinese Institute of Engineers U.S.A., found in 1917, the CIE/USA-SF was established in 1979 to promote technological advancement and networking, the well-being of the Chinese-American engineering community and the engineering community, and the engineering and industrial collaborations among U.S., China and Taiwan. We will continue to pursue these missions through a sound organization structure and well planned activities.

I would like to express my most sincere appreciation for the dedication and commitment of our chapter officers, Dr. Yazhou Liu, Vice President, Dr. Simon Ma, Secretary, Dr. Andrew Fang, Treasurer, all the board members, group officers, volunteers, and you. Through teamwork and collaboration with other CIE/USA chapters and the fellow Chinese engineering organizations in the bay area, we are proud to continue the contribution to our members and engineering community. The following are a few highlights of the activities from 2015 to 2016.

- *CIE/USA-SF Annual Conference, San Jose, Feb., 2015*
- *Stanford Liver Center Visit to collaborate the hepatitis B education and prevention, April, 2015.*
- *Co-host Chinese medicine seminar with CASPA, SVCTBA, given by Dr. Nien-Chung Pan, May, 2015.*
- *Held seminar on 'Chinese wisdoms and their application in engineering', given by 李克明, May, 2015.*
- *Co-host Smart City Conference and Expo with SVCTBA and CASPA, May, 2015.*
- *Held Investment seminar for engineering society, chaired by Dr. Fred Hsia, Aug. 2015.*
- *Co-organize 2015 HiRecruit Job Fair, Oct. 2015.*
- *Held CIE/USA National Council Autumn Meeting for all U.S.A. chapters in Santa Clara, Oct., 2015.*
- *Numerous technical seminars in Clean Tech, EDT, EECS, emerging technologies, civil engineering, bio-medical and Internet Technology.*

We look forward to your continuous support and another fruitful year to serve our engineering community. Thank you!

Banquet Keynote Speaker



Professor **Chenming Hu**
University of California Berkeley

Chenming Hu is a Professor Emeritus at the University of California, Berkeley. He led the development of FinFET, the 3D transistor that has powered the top computer processors since 2012 and the top Apple phones and Samsung phones since 2015. Also, he and his students continually create the international standard transistor models that have been used to design semiconductor circuits with total value of hundreds of billions of dollars in the past 20 years. He has published five books and 900 research articles and has been granted 130 US patents. He is a National Academy member in the US, China, and Taiwan. He is passionate about teaching and has received UC Berkeley's highest honor for teaching- the Berkeley Distinguished Teaching Award.

Chenming Hu, a professor emeritus of electrical engineering and computer sciences, have been selected to receive the nation's top honors in science and technology, the White House announced today.

Alivisatos is among nine chosen to receive the National Medal of Science, while Hu is among eight selected to receive the National Medal of Technology and Innovation.

Since the National Medal of Science was first awarded in 1959, 35 faculty members – 15 of them still at UC Berkeley – have received the honor. Hu is only the second Berkeley faculty member to win the National Medal of Technology and Innovation, which was first awarded in 1985 as the National Medal of Technology.

"Science and technology are fundamental to solving some of our Nation's biggest challenges," President Obama said in a statement. "The knowledge produced by these Americans today will carry our country's legacy of innovation forward and continue to help countless others around the world. Their work is a testament to American ingenuity."

2016 CIE/USA-SF
Silicon Valley Entrepreneur of the Year Award

Lizhou Bai
President & CEO, SIEMIC, Inc.

Dr. Bai founded SIEMIC, Inc. in 2003, the third party Compliance Testing and Product Certification Body serving the hi-tech companies for the worldwide market access. Lizhou Bai was born in mainland China, educated in Nanyang Technological University of Singapore, immigrated in United States in 1999, is one of the successful entrepreneurs in Silicon Valley.

In the Compliance Testing and Certification Industry, big players such as SGS, TUV Rheiland, UL, BV, have been existing for more than 100 years. As visionary Chinese American, Bai is determined to incept into this industry believing the Customers, Commitment and Community will bring SIEMIC a great opportunity to be successful. With the focus of its enterprise customers, serving the community of the C&T industry, determined to deliver the commitment, Bai has led the SIEMIC to the right direction to succeed. . As the founder, President & CEO, with his strategic thinking, strong leadership, and endless passion, Bai has contributed greatly to SIEMIC's fast rise to become one of the top third party compliance testing and product certification body in the world.

Over last 12 years, Bai has successfully built SIEMIC as one of the most reputable testing and certification body in C&T industry. Under the Federal Communications Commissions (FCC) regulations, as today's worldwide Top 4 TCB – Telecom Certification Body, there are 12 of every 100 FCC certifications are issued by SIEMIC every year. SIEMIC is also rated the best CAB – Conformity Assessment Body for European Union in 2015 for the production of the best quality of EU Compliance Test Reports for CE Mark. SIEMIC, with most comprehensive accreditations, is also the first America based Product Certification Body helping worldwide manufacturers to access Japan, Korea, and China markets. With 9 locations across the pacific-ocean, SIEMIC now becomes the truly one-stop shop testing and certification body helping clients testing locally certify globally.

CIE/USA-SF Technology and Humanity Award

Dr. Han Ping Chen
(陳漢平)

Dr. Chen is an outstanding computer scientist and a successful entrepreneur, as well as a popular Chinese writer. He received a Ph.D. degree in Computer Science from UCLA. Before coming to the US, he received his BS degree in Electronic Engineering from Chiao Tung University in Hsinchu, Taiwan.

He founded Active Design Corporation, an IC design company. Before that, he was an engineering director at Hughes Aircraft Company in charge of airborne wafer-scale supercomputer design for fighter airplanes and surveillance satellites.

Dr. Chen has a well-balanced view between technology and humanity. Besides his electronic and computer profession, he wrote modern poetries, essays, novels, and columns for magazines and newspapers, including World Journal in the US and United Daily News in Taiwan. He published 5 best-selling literature books, including "Having JAVA in Silicon Valley", "Above the Da Vince Code", "Equations of Life", and "Love and Laughter". He also made significant contributions to the cultural and professional activities in the Chinese American community. He served as President of the Chinese American Professional Society, Chinese Computer Association, Chiao Tung University Alumni Association, and Northern California Chinese Writers Association.

Books by Dr. Han Ping Chen

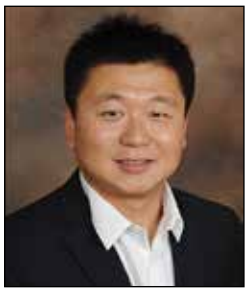
- ***Having JAVA in Silicon Valley*** 《在矽谷喝 Java 咖啡》: The author views Silicon Valley high-tech phenomena with great humor and compassion. JAVA here stands for Joy, Art, Vision, and Adventure. He reveals many exciting aspects of high-tech life styles, web pop cultures, and contemporary urban legends.

- ***Above the Da Vince Code*** 《超越達文西密碼》: Global best-seller The Da Vinci Code created notable interests in the quest for the Holy Grail. In this book, the author explores the myths and facts on this legendary subject, and analyzes them from artistic, scientific, historical, and literary viewpoints.

- ***Equations of Life*** 《生活方程式》: The author claims that life events and human emotions are governed by mathematical equations. By Coulomb's Law, the force of love is proportional to the electric charges on both parties, and inversely proportional to the square of the distance between them.

- ***Love and Laughter*** 《愛與幽默》: Love and laughter are the best medicines in life. The author expresses his keen observations and remarkable viewpoints in a humorous and logical fashion.

- ***Who Is Afraid of the Computers?*** 《誰怕電腦》: This book is a humorous overview of computer technology innovations and their impacts on the society and daily life.



From the Conference Chair

Dr. Yazhou (Joel) Liu

Welcome to the 2016 CIE/USA-SF Annual Conference! It is a great honor to invite Prof Chenming Hu, as our keynote speaker this year. Prof. Hu just received the National Medal of Technology and Innovation, the nation's highest honor for technological achievement, bestowed by the president of the United States on America's leading innovators.

The theme of this year's conference is "Innovation". The topic of the afternoon technical session is "We are Makers!". We have a very strong speaker lineup this year. Mr. Dale Dougherty, Founder and Executive Chairman of Maker Media Inc, has accepted our invitation. Mr. Dougherty created Maker Faire 11 years ago. Maker Movement is hot in Asia in the past 2 years. We have one speaker, Dr. Weixun, CEO of Bitlab, who created over 200 maker classrooms in China. Among the seven speakers, five of them are company founder and CEOs. I hope you enjoy the afternoon technical presentation, when you will have a chance to hear from the experts from the leading companies. If you plan to participate in the dinner banquet, not only you shall enjoy the delightful food and great entertainment, you will also be able to meet the Technology and Humanity award winner, Dr. Han-Ping Chen and the Silicon Valley Entrepreneur of the Year Award winner, Dr. Leslie Bai. We are extremely honored to have this opportunity to recognize their individual achievements and their impact in our engineering society.

I would like to personally thank all the dedicated CIE/USA-SF Board of Directors, group officers, and the volunteers. Without their help, this conference would not have been possible. Equal appreciation goes to our conference sponsors, and CIE alliance organizations for their financial and moral support. Hope you all enjoy this year's conference.

Afternoon Session Chair/Moderator

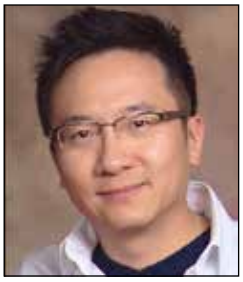
Theme: We are makers!

Session Chair and Moderator: Mr. Simon Ma

Mr. Simon Ma is the Director of RF technology in Imagination Technology. He worked in communication industry for more than 20 years. Mr. Ma worked for ITRI, TSMC and several startup companies in Silicon Valley. For these companies, he built and leaded several Analog/RF IC design teams to develop RF chips like Bluetooth, WiFi, and UWB. Some of these teams are multi-sited and crossed Pacific Ocean. He is a pioneer to run multi-site HW RD team with internet tools. He is a former technical chair and secretary of IEEE Communications Society SCV chapter, a former board director of NATEA, a current BOD member of CASPA, and a current member of BOD and the Secretary of CIE.

Words from the Chair:

Every year we try to find topics interest our members and the local engineer community to form the afternoon technical program. Last year we found 4 speakers gave us talks related to the bio engineering for DNA test, graphics processing, automotive electronics, and cloud-based video communications. You can still find video clips of these talks from CIE web site. Maker movement is growing and getting more and more attentions. Many of us love to create things by ourselves. It is a great opportunity lean from experts by join this year's afternoon Session. We thank friends' helps to invite these great speakers and thank speakers spent time to create their presents. Thanks they can spend this afternoon with us. Speakers will give us their present material and you can read them from our website after the event. Hope you will enjoy it.



Afternoon Session Co-Chair

Raymond Y. Chen

Raymond Y. Chen is a new volunteer in CIE. He spent over 20 years in research and product development in Electronic Design Automation (EDA) software industry. His book chapter on "Signal Integrity" remains on the first google search page in the past decade. As the co-founder and Senior Vice President of Sigrity, Inc., he not only led the product architecture, engineering process, operation/IT of worldwide teams, but also marketed/sold new technologies and tools to leading-edge customers in semiconductor, computer, communication, networking, and consumer electronics companies. After Sigrity's acquisition by Cadence, he mainly works/invests at the IoT and Maker Education space.

Words from Co-Chair:

With great personal interests in this topic, my enthusiasm is multiplied after interviewing and interacting with all the speakers. Their passion of "make" and "innovate" inspire me, resonating well with all of us who are engineers and entrepreneurs at heart. I hope you will like their talks.

Master of Ceremony

Christie Wang, Attorney, Educator, J.D., M. Ed.

Christie Wang earned a B.A. English from Sun Yat-Sen University, Guangzhou, China, a Master of Education from Boston University and a J.D. from Northwestern School of Law. At Northwestern, she served as the first Chinese Editor-in-Chief, Northwestern Journal of International Law and Business, supervising more than sixty journal members and editors. Under her leadership, the Journal co-sponsored the biggest International Taxation Annual Conference in the country. Christie is currently an In-house Counsel at Hewlett Packard Company based in Palo Alto, CA where she was exposed to various areas of law. Prior to that, Christie summered at O'Melveny & Meyers, LLP, Palo Alto office, and at K&L Gates, LLP, Seattle office as the receiver of K&L Gates Diversity Fellowship. While in Silicon Valley, Christie gave a series of legal seminars focusing on start-up company business and legal issues as community service. In college, Christie was a senior instructor at New Oriental Education and Technology Group, the largest educational company in China. Later, she co-founded and managed a private high school licensed by Ontario Ministry of Education, Toronto, Canada. Born and raised in China and having immigrated to Canada and U.S., Christie speaks English, Mandarin, and Cantonese. Christie has been a bilingual MC/hostess for various conferences and expositions, and performed.

2016 CIE Annual Conference Afternoon Technical Program

Theme: We are Makers!

Dale Dougherty, Founder and Executive Chairman of Maker Media

Dale Dougherty is the founder and Executive Chairman of Maker Media, Inc. which launched Make:magazine in 2005, and Maker Faire, which held its first event in the San Francisco Bay Area in 2006. Dale's vision and mission continue to be the guiding force for the family of brands. "The maker movement is contributing to a thriving market ecosystem, serving the needs of makers as they seek out product support, startup advice, and funding avenues. Make: plays an important role as a collaborator and resource for makers as they transition from hobbyists to professionals." As Executive Chairman, Dale is involved in editorial and content strategy, and both business and product development. As part of this process, he forges strategic partnerships in support of maker education, and global, cultural, and economic initiatives. Make: began at O'Reilly Media where Dale was a co-founder and the first editor of their computing trade books. When not in the office, Dale can be found making award-winning wines with his family in Sebastopol, CA.

Zach Supalla, Founder and CEO of Particle

Zach is the founder and CEO of Particle, an IoT startup that's making it easier to build, connect and manage internet-connected hardware on an enterprise scale. In that role, Zach leads the overall corporate strategy and growth.

Zach earned MBA from the Kellogg School of Management and an MEM (masters in engineering management) from the McCormick School of Engineering at Northwestern. Prior to starting Particle, Zach worked as a management consultant with McKinsey & Company, advising Fortune 500 companies on strategy, operations, and product development.

Dr. Weixun Cao, Founder and CEO of BitLab

Dr. Weixun Cao pioneered the maker-space in China in 2009 by creating BitLab, an innovative classroom integrating sensors, product design, teamwork and presentation skills. Today hundreds of K-12 schools all over China have unique BitLab classrooms, while the number of BitLab keeps growing fast. BitLab offers curriculum materials that enable creativity and fast prototyping from concept to product, connecting classrooms to real life. Dr. Cao has also introduced Bitlab lessons in the Cupertino school district of California, USA.

Dr. Cao has over 20 years of international experience in the research and development of advanced communication systems. Before founding Bitlab, he was working on IC design for Infineon in Germany and also for several leading-edge startups in the Silicon Valley, USA. He received his Ph.D. in 1998 at Fraunhofer Institute for Integrated Circuits in Germany, led by Prof. Seitzer, the well-known inventor of MP3; and BSEE/MSEE from Fudan University in China in 1986 and 1989, respectively. He has also received many honorary awards from the Chinese Education Ministry for his pioneer work on improving the Chinese education system.

Sandra Madrigal, Founder and CEO of ProtoCafe

Sandra Madrigal is Founder and CEO of ProtoCafe- a full turnkey service bureau running the latest in high accuracy, high resolution Additive Manufacturing and 3D printing equipment. ProtoCafe specializes in the highest resolution 3D printing, model finishing, complex silicone/flexible parts, low volume production parts...and everything in between. With an eye for design for manufacturability ProtoCafe has been guiding it's customer from design to production for the past 15 years.

Sandra has a Bachelor's degree in Psychology from Stanford University coupled with a Master's Degree in Communications and Computer Science with an emphasis in Human Computer Interaction also from Stanford University. The 3D printing industry might not have seemed the perfect fit for Sandra. However, while working as an engineer on both hardware and software projects in the Silicon Valley she realized the massive inefficiencies in the design and product development processes and decided to solve this problem. With over 15 years of experience in this field, Sandra has advised countless clients ranging from startups to Fortune 100 companies on finding the proper solutions to their complex design problems. You could say she single-handedly built the 3D printing market of the San Francisco Bay Area.

Steve Si, Technical Director of MediaTek Labs

Steven Si is a Technical Director at MediaTek Labs, a developer centric ecosystem for Wearables & IoT. Prior to MediaTek Labs, Steven was a Senior Technical Consultant and the global technical team lead at the NAVTEQ Network for Developers (2007 2012), where he was the evangelist for the Location Based Service for mobile applications & services. Steven has also worked as a Principle Staff Engineer for Cellular Network platform development at Motorola for 12 years, focusing on the Network Management and High Availability Platform.

Arnie Chencinski, Maker

Arnie Chencinski earned his BSEE Degree at Lehigh University in Pennsylvania in the early days of 8-bit processors. He began his professional career at Intel Corp in Santa Clara as Product Engineer for the 8080 and 8748 CPU chips. Arnie expanded his expertise in Software Development for real-time Telecommunication Applications in a number of Silicon Valleys start-up's through the 80's and 90's. After completing an MBA in Telecommunications Management, Arnie moved into Marketing as Product Manager for Voice Response Applications with Lucent Technologies. He has since returned to his Engineering "roots" to manage Embedded Systems development at former Sylantro Systems and most recently is focused on Network Operations in Global Cloud Data-Centers with Liveops Inc. Arnie enjoys IOT development as it combines many technical challenges to integrate devices and data communications with Internet applications. His latest recreational projects are development of battery-powered IOT devices connecting to cloud agents to run a variety of applications for the home environment.

Wen Chu, Maker

Wen Chu received his BS-EE from National Tsing Hua University, Taiwan and MS-EE/CE from University of Southern California. He has over 25 years of industry experience in EDA tool development in customer IC design, mixed-signal analysis and library characterization area. He co-funded Altos Design Automation which was acquired by Cadence Design Systems in 2010. He was a contributor of one book and has co-authored and presented 6 conference papers and journal articles. Wen learned programming on building an 8085 based microcomputer in 1982 and fall in love on putting electrical parts together and make thing works with code.

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CIE-SF 2017 Annual Conference committee is looking for volunteers to organize 100-year celebration of CIE-USA. Please email your phone number and a short bio to simon@cie-sf.org. We will contact you shortly.

2016 CIE/USA-SF Scholarship Awards

Amy Zhong, Basis Independent Silicon Valley Grade 11
Parent: William Zhong

- President of National Art Honors Society
- Editor in Yearbook Club
- Congressional recognition for 2D art
- Member of NSHS and NHS
- Competitive Golf
- Piano (Level 8)
- Summer Program: Biomedical Research Academy at the University Pennsylvania

Andy Chang, Palo Alto High School, Grade 11
Parent: Caroline Tang

- Intern, Altus Technologies Inc, Shenzhen, China, July 2013
- Translator, Unitalen Attorneys at Law, Shanghai, China, July 2014
- Youth Ambassador, Okayama, Japan, June 2015
- Observer, TeraPixel Technologies Inc and Alchip Technologies Inc, Shin-Yokohama, Japan, July 2015
- 280 hours in total since 2013 with San Jose Youth Ambassador, YCS Interact, and Asian Swimming Organization
- A co-author of the IEEE paper "Crowdsourcing based radio map anomalous event detection system for calibration-on-demand"

Michelle Xu, Saratoga High School, Grade 11
Parent: Helen He

- Science Fair Awards : Amgen Bay Area BioGENEius Challenge Finalist 2014, 2015; "Salute to Youth" Tom Galloway Science Award 2015; Synopsys Silicon Valley Sci &Tech Championship 2013, 2014, 2015; Young Naturalist Award Semifinalist by American Museum of Natural History 2013, 2014; 3M Innovation Prize State Merit Winner from California, Discovery Edu 3M Young Scientist Challenge 2013; Broadcom MASTERS National Semifinalist 2013; California State Science Fair Jr Div 4th place 2013
- Speech & debate & FBLA: Impromptu Speaking & Health Care Administration
- UANA Pan American Synchronized Swimming Championship:1st place
- Twice U.S. Age Group Synchronized Swimming e-synchro Championship, 2nd & 3rd
- Qualified for National Team Trials & Ranked Top 20 nationwide
- Falcons Varsity Award in Girls Golf
- Twice U.S. Age Group Synchronized Swimming e-synchro

Raymond Xu, Lynbrook High School, Grade 11
Parent: David Xu

- Silicon Valley International Youth Symphony Orchestra (SVYO): Principal Clarinet Player (200+ hours)
- Active member of California DECA: Finalist in Automotive
- Services marketing cluster of Silicon Valley and California Career Development Conference in both 2014 and 2015
- Lynbrook High School Animal Protection Club, treasurer
- Lynbrook high school Symphonic Band, section leader
- USA Computing Olympiad Silver Division member
- Piano: California, Certificate of Merit (CM) piano level 10
- Volleyball: Lynbrook High Junior Volleyball team
- 2013-2014, and 2014-15 President's Volunteer Service Awards

Austin Cai, Saratoga High School, Grade 11
Parent: Jian Li

- Student Science Training Program (SSTP) at University of Florida, summer 2015
- COSMOS at UCSC, summer 2014
- Stanford Pre-collegiate Science Conference Speaker, 2015
- Saratoga High School Media Art Program Tech Director, 2015-2016
- Saratoga High School Leadership Committee, 2015-2016
- Graphic Designer for the City of San Jose, 2016
- Volunteering (300+ hrs.)Art teacher for special needs kids at FCSN, 2014-2016
- Lead muralist at Marine Science Institute, 2014-201
- Muralist at Saint Andrew's School, 2015

Jonathan Chan, Sacred Heart Cathedral Preparatory
Parent: Kevin Chan

- Sacred Heart Cathedral Preparatory Inquiry and Innovation Scholar program ("I2")
- San Francisco's Randall Museum 2014 Science Fair: 3rd Place Overall
- A Study on Human Cognitive Response Relative to the Sense of Sight.
- I2 Projects: A Discourse on the Ebola Virus, On Coaching - a Study on Child-Psychiatry and Politics, Developing a chemical agent to combat Ebola infected fecal matter in West Africa
- Award winning essay: On Hedonism: A Discourse on Social Networking and Narcissism.
- Sacred Heart Cathedral Preparatory History Department Award 2014
- UCSF Benioff Children's Hospital HEARTS Award
- Sports Medicine Club (Club leader), Earth Action Club (Club leader)

Ivan Tu, Monta Visita High School, Grade 11
Parent: Jessie Vanoli

- Certificate of Merit: Advanced level – piano
- D.E.C.A business club
- Co-founder and V.P of Monta Vista Cultural Cuisines Club
- Formed a school rock band and continuing member (as guitarist, bass, and keyboard)
- Member of Musicians society at Monta Vista (received awards for recitals)
- SunnyView retirement home: front desk assistant, kitchen helper (100+ hours.)
- Cupertino Helping hand volunteer
- Red cross volunteer and member of Red cross club(life-saving situations)
- SVSS classical music festival award

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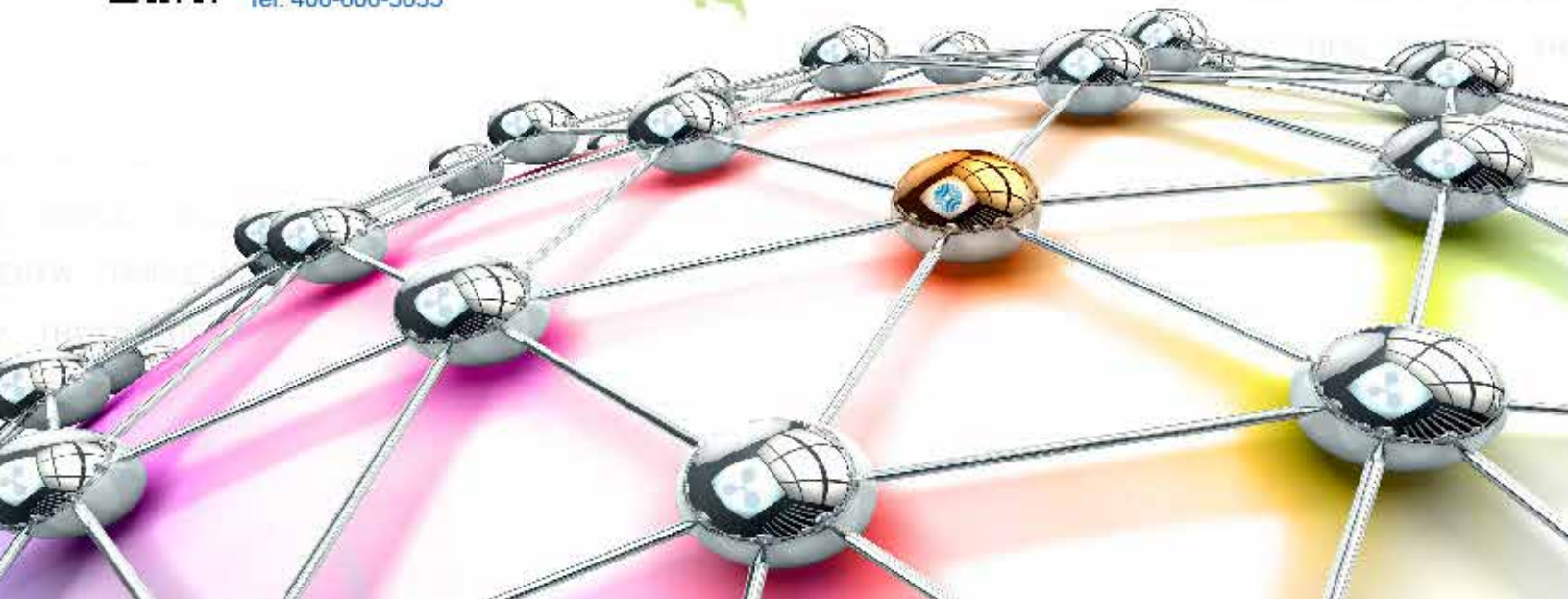

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