

# Chinese-American

Engineers and Scientists  
Association of  
Southern California



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# 48<sup>th</sup> CESASC

*Annual Convention, Awards,  
Scholarship Fundraiser, &  
Technical Symposium*



*2010: Innovation for  
a New Decade*



*April 24,  
2010*

Hilton San Gabriel  
225 West Valley Boulevard  
San Gabriel, California

**The  
Power  
Behind**

Pratt & Whitney Rocketdyne  
congratulates the  
Chinese-American Engineers  
and  
Scientists Association  
of Southern California  
on the occasion of its  
48th annual convention.

**SPACE**

**Exploration**



**Pratt & Whitney**

A United Technologies Company

**Pratt & Whitney Rocketdyne**



## *Welcome Message from CESASC Board of Directors*

**Dear Honorable Guests, Fellow Members, and Friends:**

On behalf of the CESASC Board of Directors and all working Committees, we would like to welcome you to our 48<sup>th</sup> Annual Convention and Technical Symposium. This Convention has again illustrated that CESASC has continued with its mission and vision set by the founding fathers 48 years ago, together with the dedication and selflessness of many members and friends. CESASC has endured through this economically difficult time and continued to evolve as one of the most prestigious Chinese-American professional organizations in the United States.

We are proud to note that Dr. Charles Kuen Kao, 2009 Nobel Laureate in Physics, was our 1981 Achievement Award recipient. In addition, Dr. Ju-Chin Chu, who served as the President of CESASC in 1968, was the father of Dr. Steven Chu, the 2007 Nobel Laureate in Physics and the current US Secretary of Energy Department.

During the past year, CESASC has sponsored and engaged in various activities that are beneficial to our members and the Chinese-American community. We have supported a special meeting of Torrance Memorial Hospital Chinese-American Healthcare Services program. We attended the event held by John J. Sie Foundation for the benefits of those who are suffering from the Down Syndrome. In addition, our members are represented in various sister Asian-Pacific organizations including the National Association of Asian American Professionals. Furthermore, to provide a forum for researchers around the world to exchange ideas, we are planning to co-sponsor with UCLA to host a three-day long International Symposium on Materials for Enabling Nanodevices (ISMEN) in September of this year. We anticipate that it will set a pattern for our future education related programs, and provide further benefits to our members and the Chinese-American science community.

CESASC initiated the full size technical conference in 1987 as a part of our annual convention, a first of this kind in this region, and the conference has continued for 24 years now. Today, we present to you an exciting day time Technical Symposium featuring presentations on cutting edge science and technologies. We also present to you an enjoyable evening program featuring Dr. Leroy Chiao, Astronaut, as the Keynote Speaker, and our trademark Scholarship Awards. We want to thank all CESASC Committee members and volunteers who devoted their precious time and efforts to make this happen.

We hope you enjoy this year's program and wish you all the best!

A handwritten signature in black ink, appearing to read 'Wei Kao'.

Wei Kao, Chairman of the Board

A handwritten signature in black ink, appearing to read 'Wensheng Zhou'.

Wensheng Zhou, President



GOVERNOR ARNOLD SCHWARZENEGGER

April 24, 2010

***Chinese-American Engineers & Scientists Association of  
Southern California***

Greetings to everyone who has come together for your 48<sup>th</sup> Annual Convention & Awards, Scholarship Fundraiser, and Technical Symposium.

I applaud your terrific efforts to enhance the scientific and engineering professions in our Golden State and beyond. Through your actions, you help many gain new skills, network and pursue their goals. I commend you for working hard to encourage excellence in your profession. My thanks go to your honorees for their fantastic contributions to your community.

On behalf of all Californians, I extend my wishes for a wonderful event and all the best in the future.

Sincerely,

A handwritten signature in black ink, reading "Arnold Schwarzenegger".

Arnold Schwarzenegger



**Congress of the United States**  
**House of Representatives**  
**Washington, DC 20515-0532**

April 24, 2010

Chinese-American Engineers & Scientists Assoc. of Southern California  
4716 E. Cesar E Chavez  
East Los Angeles, CA 90022



Dear Friends,

I would like to extend my most heartfelt congratulations on the occasion of the Chinese-American Engineers & Scientists Association of Southern California's 48<sup>th</sup> Annual Convention!

CESASC is one of the largest and most established Chinese-American professional organizations in the United States. Since 1962, it has actively promoted the career interests and aspirations of Chinese-American engineers and scientists. Its efforts to improve the professional opportunities available to Chinese-Americans are particularly notable.

I applaud the selection of this year's convention keynote speakers, Vizio, Inc.'s Mr. William Wang and four-time NASA Space Shuttle and International Space Station Astronaut and current entrepreneur Dr. Leroy Chiao. These individuals represent the best and brightest in the API engineering and scientific community. I would also like to recognize the recipients of CESASC's technical and lifetime achievement awards, as well as the winners of the annual undergraduate/graduate student scholarship competition.

Such an important occasion merits recognition of CESASC's innumerable accomplishments in the Chinese-American professional community. On behalf of the United States House of Representatives and the people of the 32nd Congressional District, I extend my best wishes for your continued success.

Sincerely,

**JUDY CHU, Ph.D.**

Congressmember, 32<sup>nd</sup> District



STATE CAPITOL  
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www.assembly.ca.gov/eng

Assembly  
California Legislature



MIKE ENG  
ASSEMBLYMEMBER, FORTY-NINTH DISTRICT

COMMITTEES  
CHAIR, TRANSPORTATION  
BUSINESS AND PROFESSIONS  
EDUCATION  
HOUSING AND COMMUNITY  
DEVELOPMENT  
LABOR AND EMPLOYMENT

SELECT COMMITTEES  
SELECT COMMITTEE ON INLAND  
EMPIRE TRANSPORTATION  
ISSUES  
SELECT COMMITTEE ON RAIL  
TRANSPORTATION

April 24, 2010

Chinese-American Engineers & Scientists Association  
of Southern California (CESASC)  
1750 Fulton Avenue  
Monterey Park, CA 91755



Dear Friends:

It is with great pleasure that I extend my warmest wishes to the Chinese-American Engineers & Scientists Association of Southern California (CESASC) for hosting your 48<sup>th</sup> Annual Convention & Awards, Scholarship Fundraiser, and Technical Symposium. This years theme, "2010: Decade of Innovation," enlightens us all about the amazing feats of our time.

Established in 1962, CESASC has fostered career development, promoted diversity in the professional sector, and acted as an advocate for the Chinese-American communities. By providing career and educational advancement opportunities, CESASC uplifts and supports talented, passionate individuals toward a bigger and brighter future. I sincerely commend the efforts of the CESASC in honoring and recognizing individuals and organizations for their outstanding contributions to technology, diversity, and appreciation for the fields of Engineering and Science.

On behalf of the Forty-Ninth Assembly District, congratulations to CESASC and best wishes for many years of continued success.

Best Regards,

MIKE ENG  
Assemblymember, 49<sup>th</sup> District



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EL SEGUNDO, CA 90245  
(310) 615-3515  
FAX (310) 615-3520



April 24, 2010



Dear Friends:

Please accept my warmest wishes and congratulations as the Chinese Engineers and Scientists Association of Southern California (CESASC) celebrates its 48<sup>th</sup> Annual Convention and Awards. It is also my pleasure to extend my greetings to the honored and esteemed guests: Dr. Leroy Chiao, William Wang, and Prof. Kai Hwang.

I especially wish to commend CESASC and its Board of Directors for their continuing efforts and commitment to providing both beneficial exchange of science and engineering knowledge and educational services to professionals and students. Chinese Americans have deep roots in California's progressive technological history, it is only fitting that such an organization of CESASC's stature creates a gateway for young Chinese Americans to help them onto their career paths in science and engineering. The convention acknowledges not only leaders of their respective field, but also people who inspire innovation.

I also want to commend all those involved in making this convention happen. Thank you for all your hard work and dedication. Congratulations and may you have a successful convention!

Sincerely,

**TED W. LIEU**  
ASSEMBLYMEMBER, 53<sup>rd</sup> DISTRICT



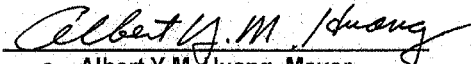
*City of San Gabriel*  
**CERTIFICATE OF RECOGNITION**  
*presented to*

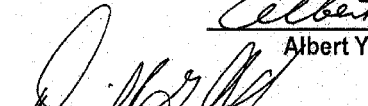
**CESASC**


*In recognition of your dedication to  
organizing and sponsoring the  
48<sup>th</sup> Annual Convention & Awards,  
Scholarship Fundraiser, and  
Technical Symposium*


*the Mayor and City Council of San Gabriel extend  
their sincere appreciation to you on this occasion.*

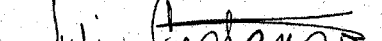
*Dated: April 24, 2010*

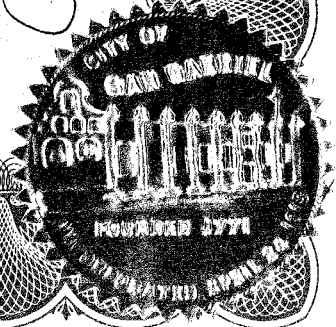
  
Albert Y.M. Huang, Mayor

  
David R. Gutierrez, Vice Mayor

  
Kevin B. Sawkins, Councilmember

  
Mario De La Torre, Councilmember

  
Juli Costanzo, Councilmember







**ANTONIO R. VILLARAIGOSA  
MAYOR**

April 24, 2010

Chinese American Engineers & Scientists  
Association of Southern California  
1750 Fulton Ave.  
Monterey Park, CA 91755

Dear Friends,

On behalf of the City of Los Angeles, it is my pleasure to welcome and congratulate the members and guests attending the Chinese American Engineers & Scientists of Southern California's (CESASC) 48<sup>th</sup> Annual Convention & Awards, Scholarship Fundraiser, and Technical Symposium.

Congratulations to all of tonight's honorees and scholarship recipients. Their commitment to the field of engineering and science and their achievements are truly commendable.

I applaud CESASC for their dedication to developing a nationwide network of engineers and scientists of Chinese origin and providing a forum to assist members in advancing their careers. I applaud CESASC for another year of service and accomplishment.

I extend my best wishes for a memorable celebration and future success.

Very truly yours,

ANTONIO R. VILLARAIGOSA  
Mayor



## 2010 CEASAC Technical Symposium

Saturday, April 24, 2010  
Hilton San Gabriel, California

**Theme:** 2010 – Innovation for New Decade (2010 - 科技創新與您)

**Sponsor:** Chinese-American Engineers and Scientists Association of Southern California  
(CEASAC) 南加州中華科工學會

**Co-Sponsors:** Chinese-American Computer Association (CCA) 中華電腦學會  
Chinese Scholars Association, Southern California (CSA) 南加州華裔教授學者協會  
Chinese American Professional Society (CAPS) 美西華人學會  
Southern California Chinese-American Environmental Protection Association  
(SCCAEPA) 南加州華人環保協會  
International Chinese Transportation Professionals Association – Southern California Chapter  
(ICTPA-SCC) 國際華人交通運輸學會南加分會  
Peking University Alumni Association of Southern California (PUAA-SC) 北京大學南加州校友會  
Tsinghua University Alumni Association of Southern California (THUAA-SC) 清華大學南加州校友會  
Chiao Tung University Alumni Association of Southern California (CTUAA-SC) 交通大學南加州校友會  
University of Science and Technology of China Alumni Association of Southern California  
(USTCAA-SC) 中國科技大學南加州校友會

**General**

**Chair:** Dr. Yutao He (何宇滔), NASA/JPL

**Program**

**Committee:** Mr. Gene Chang (常勁), JC Research & Consulting  
Dr. Philip Chen (陳君儀), CCA  
Mr. Alex Hsu (徐魯文), UCLA  
Prof. Sheng-He Huang (黃勝和), USC  
Ms. HueiShuan Liu (廖蕙萱), Raytheon  
Mr. Yiu Man So (蘇耀民), Raytheon  
Prof. Bruce Sun (孫滌), California State University at Long Beach  
Dr. Weixing Tong (童衛星), Cal Regional Water Quality Control Board  
Dr. Chuching Wang (王竹青), MWDSC  
Mr. Fonda Wu (吳方民), Raytheon  
Dr. Endi Zhai (翟恩地), Kleinfelder  
Dr. Xiaoyan Zhou (周曉燕), NASA/JPL

<b>9:00am – 9:30am</b>	<b>Registration and Networking</b> (Second Floor Lobby)
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<b>9:30am – 9:35am</b>	<b>Opening Remarks</b> (San Francisco A & B & C)
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**Symposium Chair:** Dr. Yutao He (何宇滔), NASA/JPL

<b>9:35am – 10:05am</b>	<b>Opening Keynote Speech</b> (San Francisco A & B & C)
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**Keynote Speaker:** **Security and Resource Management for Trusted Cloud Computing**  
**Prof. Kai Hwang (黃鎧), University of Southern California**

<b>Break</b>	<b>10:05am – 10:15am</b>
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**10:15am – 11:30am Parallel Session A1 and B1**

**Session A1: Cloud Computing and Information Technology (San Francisco B & C)**

**Co-Chair:** Dr. Philip Chen (陳君儀), CCA and Ms. HueiShuan Liu (廖蕙萱), Raytheon

- (1) **Establishing a Cloud Computing Program Using Entry-Task-Validation-Exit (ETVX) Approach**  
*Prof. Ning Chen (陳寧), California State University at Fullerton*
- (2) **Moving Beyond Migration: Re-Inventing Process in the Cloud**  
*Mr. Peter Coffee, Platform Research Director, Salesforce, Inc.*
- (3) **Cloud Computing in Google**  
*Dr. William Liu (刘少军), Google, Inc.*

**Session B1: Biological Technology (Santa Barbara A & B)**

**Chair:** Prof. Sheng-He Huang (黃胜和), Keck School of Medicine, USC

- (1) **Biochemical Physiology of Nitric Oxide-cGMP Over Acupoints/meridians: An Innovative Approach in Humans**  
*Prof. Shengxin Ma (马胜兴), David Geffen School of Medicine, UCLA*
- (2) **Hepatitis B Virus Infection Prevention and Treatment through Immunotherapy**  
*Dr. Xiping Liu (刘西平), Head of Immunology, Abraxis BioScience*
- (3) **Exploring New R&D Model in Biotech Industry**  
*Dr. Xiaomin Zou (邹晓明), Director of External Drug Discovery, GSK*

**Break 11:30am – 11:40am**

**11:40am – 12:55pm Luncheon and Keynote Speech (San Gabriel Ballroom A)**

**Keynote Speaker:** **Journey from Electrical Engineering to the No. 1 Flat Screen TV Supplier**  
*Mr. William Wang (王蔚), Founder/CEO of Vizio, Inc.*

**Break 12:55pm – 1:00pm**

**1:00pm – 2:15pm Parallel Sessions A2 and B2**

**Session A2: Clean/Green/Alternative Energy (San Francisco B & C)**

**Co-Chair:** Dr. Chuching Wang (王竹青), Metropolitan Water District of Southern California

**Co-Chair:** Mr. Fonda Wu (吴方民), Raytheon

- (1) **Innovative Technologies on Solar Energy and Its Market**  
*Mr. Mike Liu (劉聖), Principal Engineer and Co-Founder, MSL Solar*
- (2) **The Rulemaking Process: Greenhouse Gas Reduction through Renewable Energy**  
*Dr. Hung-Li Chang (張鴻立), CalEPA Air Resources Board*
- (3) **Strategies in Green/Alternative Energy**  
*Mr. Barry Gilman, Director of Green/Alternative Energy, Southern California Edison*

**Session B2: Humanities and Social Science (Santa Barbara A & B)**

**Co-Chair:** Mr. Alex Hsu (徐魯文), Senior Executive Director of IT Services, UCLA

**Co-Chair:** Prof. Bruce Sun (孫滌), California State University at Long Beach

- (1) **US-China Interactions Under New Framework – From a Long-term Perspective**  
*Prof. Bruce Sun (孫滌), California State University at Long Beach*
- (2) **Overview of the Commercial Real Estate Market**  
*Mr. Michael Leung (梁子文) Sr. Vice President, HSBC, USA*
- (3) **Clouds, Tablets, and Wave Platform: How Generational Diversity Meets Technology to Challenge Corporate Strategy**  
*Dr. Annika Hylmo, Founder, The Insight Generation*

**Break 2:15pm – 2:25pm**



**2:25pm – 3:40pm Parallel Sessions A3 and B3**

**Session A3: Aerospace and Space Exploration (San Francisco B & C)**

Chair: Dr. Xiaoyan Zhou (周晓燕), NASA/JPL

- (1) **Climate Change: The Role of Satellite Remote Sensing and Computer Modeling**  
Dr. Yi Chao (赵晖), NASA/JPL
- (2) **Adaptable and Autonomous Robots for Space Exploration**  
Dr. Heiko Hoffmann, HRL
- (3) **GPS Applications in Space Science and Technology**  
Dr. Xiaoqing Pi (皮晓青), NASA/JPL

**Session B3: Environment and Transportation (Santa Barbara A & B)**

Co-Chair: Dr. Weixing Tong (童卫星), California Regional Water Quality Control Board

Co-Chair: Dr. Endi Zhai (翟恩地), Kleinfelder

- (1) **Review of Current Green Remediation Technologies and Their Challenges**  
Dr. Jim Kang (康志晖), Sr. Vice President, URS Corporation
- (2) **Recycled Water Applications in the Los Angeles Region, California, USA**  
Dr. T. Don Tsai (蔡朝棟), California Regional Water Quality Control Board
- (3) **Metro Gold Line Foothill Extension Construction Authority Strategic Planning Study, Phase 2, Ontario, CA**  
Mr. Jimmy Lin (林锡智), CEO KOA Corporation

**Break 3:40pm – 3:50pm**

**3:50pm – 5:00pm Panel - Build up Successful Business with Innovations (San Francisco A & B & C)**

Moderator: Mr. Gene Chang (常劲), President, JC Research & Consulting

- (1) **How to Assess the Economic Value of an Innovation?**  
Prof. Bruce Sun (孙滌), California State University at Long Beach
- (2) **How to Develop Successful Business Models with an Innovation?**  
Mr. David Sandrich, Principal, ACCELINSIGHT Associates
- (3) **How to Adopt New Technology to Stay Competitive?**  
Mr. Jason Lidow, Founder/Principal, The DigiTrust Group
- (4) **How to Protect Your Innovation and Avoid IP Infringement Traps?**  
Ms. Wei-Ning Yang (杨卫宁), Partner, Hogan & Hartson LLP.

**1:00pm – 4:30pm Graduate Student Poster Session (San Diego A)**

Chair: Mr. Yiu Man So (蘇耀民), Raytheon

- (1) **Absence of TGFb Signaling in Embryonic Vascular Smooth Muscle Leads to Reduced Lysyl Oxidase Expression, Impaired Elastogenesis, and Aneurysm.**  
Ms. JingJing Zhou (周婧婧), USC
- (2) **Identification of Guanine Nucleotide Exchange Factor (GEF) for Rheb in Fission Yeast**  
Ms. Tyffany Chen (陳品妤), UCLA
- (3) **Measurements of Peroxy Radicals Using Chemical Amplification/ Cavity Ring-Down Spectroscopy**  
Ms. Yingdi Liu (刘英迪), UCR
- (4) **Supermode Hybrid Si/III-V Photonics: The Building Block for the Next-Generation More Energy Efficient Computers and Networks**  
Mr. Xiankai Sun, Caltech
- (5) **Variability of Surface Position Radiation Dose in MDCT: Monte Carlo Simulations Using CTDI and Anthropomorphic Phantoms**  
Mr. Di Zhang (章迪), UCLA
- (6) **Internal versus External Innovation Strategy and Firm Performance**  
Ms. Xiahua Wei (韦夏华), UCSD



Chinese-American Engineers and Scientists Association of Southern California (CESASC)

48th Annual Convention Program

Saturday, April 24, 2010 San Gabriel Hilton Ballroom

5:30 p.m. Registration, Social Networking, and Silent Auction

6:30 p.m. Banquet

Welcome Remarks ... Dr. Jason Wen
Masters of Ceremony ... Michelle Chen and Dr. Munson Kwok
President's Report ... Dr. Wensheng Zhou

Entertainment I: Soprano Solo (Chinese Folk Song) ... Lu Na
Entertainment II: HuLuSi Solo ... Jiesheng Wang

7:50 p.m. Award Presentations

Sponsorship Recognition ... Dr. Wensheng Zhou
- Pratt & Whitney Rocketdyne
Student Scholarship Awards Presentation ... Yiu Man So
- Tyffany Chen, Tiffany Lee, Emily Tung, Xiahua Wei, Di Zhang, Jingjing Zhou
Achievement Awards Presentations ... Dr. Kung Yao and Fonda Wu
- Professor William Yeh (UCLA)
- Mr. William Wang (Vizio, Inc.)
- Dr. Leroy Chiao (Astronaut)

8:10 p.m. Keynote Speech ... Dr. Leroy Chiao

"Journey of a Chinese American Astronaut"
- NASA Astronaut (four space missions), Executive VP, Excalibur Almaz
- 2010 CESASC Achievement Award Recipient

Entertainment III:
Tenor Solo: Dicitencello Vuie (Just Say I Love Her) Italian Folk Song ... Charles Shao
Duet: Libiamo (The Drinking Song) ... Lu Na and Charles Shao

8:50 p.m. Board Installation

2010-2011 CESASC Board Installation ... Dr. Wei Kao and Dr. Sherman Yu
2010-2011 CESASC President Remarks ... Yiu Man So

9:00 p.m. Special Live Auction - Mankind and Nature 人与自然 by Ting, Shao Kuang

9:10 p.m. Silent Auction Results ... Michelle Chen and Dr. Munson Kwok

9:15 p.m. Dance with Live Band ... SYM Group



## 2010 CESASC Achievement Award Recipient



**Prof. William W-G. Yeh**

葉文工 博士

**Dept. of Civil & Environmental Engineering**

**Henry Samueli School of  
Engineering & Applied Science**

**University of California, Los Angeles**

Dr. Yeh is a Distinguished Professor of Civil and Environmental Engineering at the UCLA Henry Samueli School of Engineering and Applied Science. He served as chairman of the department from 1985-1988 and 2002-2007. Pioneering in the development of large-scale optimization models that utilize systems analysis techniques, he led to plan, manage, and operate several of the nation's large-scale water resources systems. The methodology as well as the algorithms that he developed for the real-time operation of complex, multiple-purpose, multiple-reservoir systems have been adopted in the US and throughout the world, most notably in Brazil, Korea, Taiwan, and the People's Republic of China. Additionally, he pioneered the development of nonlinear inverse algorithms for parameter identification in groundwater hydrology. The methodologies and algorithms that Dr. Yeh developed for parameter estimation have been widely adopted in groundwater modeling.

Dr. Yeh's work has earned him distinction nationally and internationally. In 1989, he received the American Geophysical Union's (AGU) Robert E. Horton Award and he was elected a Fellow of the AGU in the following year. Dr. Yeh received the American Society of Civil Engineers' (ASCE) Julian Hinds Award (life achievement award) in 1994. He was awarded Honorary Member status by ASCE in 1996. Dr. Yeh received the Warren A. Hall Medal from the Universities Council on Water Resources in 1999. In 2008, Dr. Yeh was elected a Member of the US National Academy of Engineering (NAE), and an Honorary Diplomat of the American Academy of Water Resources Engineers. Dr. Yeh received the Distinguished Alumnus Award from the National Cheng Kung University, Taiwan in 2008.

Dr. Yeh received BS in 1961 from the National Cheng Kung University, MS in 1964 from New Mexico State University, and PhD in 1967 from Stanford University, all in Civil Engineering. Throughout his career, he has made major contributions to the profession through his service to ASCE and AGU, including serving as Editor of *Journal of Water Resources Planning and Management*. Dr. Yeh joined UCLA in 1967 and in 1975 he received the UCLA Engineering Alumni Association Distinguished Faculty Award for excellence in teaching. To date, he has graduated more than 50 PhD students. Many of his former PhD students are now successful teachers, researchers, and practicing engineers at various distinguished institutions and industries in the United States and abroad.



*The 48<sup>th</sup> CESASC Technical Symposium  
Luncheon Keynote Speaker  
2010 CESASC Achievement Award Recipient*



**The Journey from Electrical Engineer to the  
Number One Flat Screen TV Supplier**

**Mr. William W. Wang**

王蔚 先生

**Founder and CEO of Vizio Inc.**

William Wang is the founder and CEO of Vizio Inc., a design and manufacturer of wide screen flat panel TVs. Vizio first launched its LCD HDTV platform in 2002 after a traditional grass roots fundraising at about \$500k. With start-up investment capital from various sources, Mr. Wang utilized off-shore outsourcing in Mexico and China to manufacture low cost TVs and marketing through distribution channels from Costco, Wal-Mart, Best Buy, etc. WSJ and other finance sources cite sales of the TVs helped propel Vizio from a skeptical market up-start in 2002 to the number one position in 2008 and maintaining this position through 3<sup>rd</sup> quarter 2009. Sales revenue reportedly rose to \$2.8 billion after capital base start of \$ 2.4 million in 2004.

Wang was born in Taiwan and emigrated with family at the age of 12 to Hawaii and then onto California at age of 14. Wang received his Bachelor of Science degree in Electrical Engineering from the University of Southern California in 1986. Wang then entered graduate school at California State University, Long Beach. Wang's early career started at Tatung in computer technical support and then being promoted into sales management. The entrepreneurial ambitions were formulated in 2000 while traveling back and forth to Asia. In 2001, while Wang was providing technical consulting support at Gateway. He formulated collaborative agreements between Gateway and Vizio which allowed Gateway to introduce High Definition Television (HDTV) into the computer electronics industry that essentially provided Vizio the big market breakthrough opportunity it needed. From that point onward into 2002, Vizio was formally established with Wang as founder and Chief Executive. Vizio started to make huge gains on market share with very affordable LCD flat panel screens for both computer and television markets. And eventually climbed to the number one in the LCD HDTV consumer market today.



*The 48<sup>th</sup> CESASC Convention Keynote Speaker  
2010 CESASC Achievement Award Recipient*



**Journey of a Chinese  
American Astronaut**

**Leroy Chiao, Ph.D.**

焦立中 博士

**Astronaut**

A veteran of four space missions, Dr. Chiao most recently served as Commander and NASA Science Officer of Expedition 10 aboard the International Space Station. He has logged over 229 days in space - over 36 hours of which were spent in Extra-Vehicular Activity (EVA or spacewalks). From June – September 2009, he served as a member of the White House appointed Review of U.S. Human Spaceflight Plans Committee, and currently serves on the NASA Advisory Council. Dr. Chiao left NASA in December, 2005 following a fifteen-year career with the agency.

A native English speaker, Dr. Chiao also speaks Mandarin Chinese and Russian. He has flown space missions and worked closely with Russian, Japanese, and European Astronauts and their affiliated space agencies. Dr. Chiao is uniquely qualified to speak about the United States, Russian, Japanese, European and Chinese Space Programs. As Space Station Commander and Space Shuttle Mission Specialist, Dr. Chiao was also a certified Co-Pilot of the Russian Soyuz spacecraft. He is an expert in all facets of U.S. and Russian EVA hardware and operations and is EVA certified in U.S. and Russian spacesuits, tools, and training programs. In September 2006, Chiao became the first American to visit the Astronaut Research and Training Center of China. There, he met the first two national Chinese astronauts, Yang Liwei and Fei Junlong.

Dr. Chiao has extensive experience as a NASA Astronaut and prior to that, as a Research Engineer. He is involved in entrepreneurial business ventures and works in the US, China, Japan, and Russia. He is an Executive VP and a Director of Excalibur Almaz, a private manned spaceflight company. In addition, he is a Director of InNexus, a biotechnology/pharmaceutical development company. Active as a consultant and public speaker, he also serves as the Chairman of the National Space Biomedical Research Institute User Panel, which is attached to the Baylor College of Medicine. Dr. Chiao is a Director of Challenger Center and of the Committee of 100. He is also an advisor and spokesman for the Heinlein Prize Trust.

Dr. Chiao received his BS degree in Chemical Engineering from UC Berkeley in 1983. He earned his MS and Ph.D. from UC Santa Barbara in 1985 and 1987 respectively. Prior to joining NASA in 1990, he worked as a Research Engineer at Hexcel Corp. and then at the Lawrence Livermore National Laboratory.





### Entertainment I: Soprano Solo

踏歌起舞

Performed by Lu Na (魯娜)

Accompanied by Latitia Zeng (曾立佳)



**Lu Na**, a soprano, was vocalist at China Opera and Dance House. As a top-rated performer in China, she acted as the principal in more than a dozen well-known operas such as “Jiang Jie,” “A Shi Ma,” “Daughter of the Party,” for which she received “the White Magnolia Award” – the highest national opera prize in China. She was also selected to perform at CCTV Spring Festival Concert many times. Lu Na was awarded “Excellence Prize” at China CCTV National Singing Contest. In 1999, Lu Na was invited to perform at “the 20<sup>th</sup> Century Overseas Chinese Art Festival” in Beijing sharing the stages with the world top singers. Lu Na came to the U.S. in 1998 and has been active on American stages in Los Angeles, Houston, and Chicago. She was invited to perform at Los Angeles Spotlight Vocal Concert in March 2004 and is the vocalist for the theme song in the up coming movie “Erosion” to be released by Hollywood later this year. Lu Na runs a vocal Arts Center in South Bay and is producing talented students year after year.

**Latitia Zeng**, graduated from and taught in *XingHai Conservatory of Music in Guangzhou*. She has been performing with many singers and musicians from China, Hong Kong, and Taiwan as well as other parts of the world and very well received. She is pianist for Los Angeles Chinese Musicians Ensemble Chorus and very popular performer in American Chinese community.



#### 踏歌起舞 (Chinese Dancing Song)

长风敲响银锣铜鼓. 歌声飘飘推动着快乐的舞步.  
在这快乐的节日里.我们踏歌. 我们起舞. 我们踏歌我们起舞...  
北国的雪花南江的翠竹. 高原的星辰海滨的蓝图.  
一年的心血和汗水. 汇入着快乐的踏歌起舞...  
喜洋洋, 情真真意浓浓, 乐陶陶, 笑融融, 步步高, 你自豪, 我自豪, 携手共创, 美好幸福...

### Entertainment II: HuLuSi Solo

Chinese Folk Songs

Performed by Jiasheng Wang (王杰生)



**Wang Jiasheng**, born in Beijing, has shown a deep interest in arts since his childhood and he performed on stage at age 4. Mr. Wang is proficient in Hulusi, flute, clarinet, and saxophone. He is the U.S. 5CTV (美国五洲电视台) program director and the U.S. East-West Cultural Organization (美国东西方文化组织) executive vice president. He is the vice president of American Chinese Culture Association (美国美中文化协会).

In 2004, he was the music director of Cultural Show in celebration of the 55<sup>th</sup> anniversary of founding of the People’s Republic of China in Southern California. In the same year, he was the artistic director and producer of the Christmas concert in Los Angeles for overseas Chinese. From 2005 to 2007, he directed the Celebration of Chinese Spring Festive Show in Los Angeles. In 2008, he was the U.S. director and the music editor for the New Year Party in Los Angeles Kodak Theater held by the Chongqing TV.



The *hulusi* (traditional: 葫蘆絲; simplified: 葫芦丝; pinyin: húlúsī) or **cucurbit flute** is a free reed wind instrument from China. It is held vertically and has three bamboo pipes which pass through a gourd wind chest; the center pipe has finger holes and the outer two are typically drone pipes. It is not uncommon for a *hulusi* to have only one drone pipe while the second outer pipe is merely ornamental. The drone pipe has a finger hole, which allows it to be stopped. Advanced configurations have keyed finger holes similar to a clarinet or oboe, which can greatly extend the range of the *hulusi* to several octaves.

The *hulusi* was originally used primarily in Yunnan province by the Dai and other non-Han ethnic groups but is now played throughout China. Like the related free reed pipe called bawu, the *hulusi* has a very pure, clarinet-like sound.



### Entertainment III: Tenor Solo

Dicitencello Vuie (Just say I love her) - Italian Folk Song 请你告诉她

Performed by Charles Shao (邵莹)

Sr. Software Engineer, MS Electronics Engineering, Shanghai Jiao Tong University,  
Director and Tenor of Los Angeles Chinese Musicians Ensemble Chorus

*If you should chance to meet her  
Anytime anywhere  
I was a fool to leave her  
Tell her how much a fool can care  
And if she tells you  
She's lonely now and then  
Won't you just say I love her  
And want her back again*

*Just say I love her  
I've loved her from the start  
And tell her how I'm yearning  
To say what's in my heart  
Just say I need her  
As roses need the rain  
And tell her that without her  
My dreams are all in vain*

### DUET: Libiamo (The Drinking Song) 饮酒歌 from Opera: La Traviata

Performed by Lu Na (鲁娜) and Charles Shao (邵莹)

*Let us drink from the goblets of joy  
adorned with beauty,  
and the fleeting hour shall be adorned  
with pleasure.  
Let us drink to the secret raptures  
which love excites,  
for this eye reigns supreme in my heart...  
Let us drink, for with wine  
love will enjoy yet more passionate kisses.*

*With you I can spend  
the time with delight.  
In life everything is folly  
which does not bring pleasure.  
Let us be happy, fleeting and rapid  
is the delight of love;*

*it is a flower which blooms and dies,  
which can no longer be enjoyed.*

*Let us be happy, fervent  
and enticing words summon us.  
(Be happy ... wine and song  
and laughter beautify the night;  
let the new day find us in this paradise.)*

*Life is nothing but pleasure,  
as long as one is not in love.  
Don't say that to one who is ignorant.  
That is my fate ...  
Be happy ... wine and song  
and laughter beautify the night;  
let the new day find us in this paradise.*



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Annually, the CESASC Scholarship Foundation funds the CESASC scholarship program to encourage students to pursue science and engineering, including medicine and economics.

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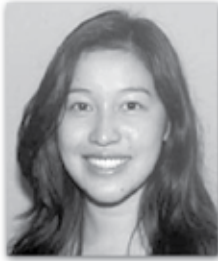
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### 2010 CESASC Scholarship Winners



Tyffany Chen 陳品妤

Graduate Student, Microbiology, Immunology, and Molecular Genetics, UCLA  
Chaired and organized multiple large health fairs for the Asian Pacific Health Corp to help uninsured Asian immigrants. Educates her community as chapter vice president of the Asian Pacific American Medical Student Association. Tyffany works passionately to better the community.

*Lois & Henry Chi/General Shann Tzyy Kao/Yung-Ho Chien Scholarships*



Tiffany Lee 李卓儀

Undergraduate Student, Biochemistry and Cell Biology, UCSD  
Self motivated to do everything whole heartedly. Being influenced by both American and Chinese cultures made her more relatable to people and with the respect of diversity. Willing to stand as one of the faces of CESASC to spread the message of the great value of education, particularly in the sciences.

*Grace Yu/Prof. June Chien Yu-Tsao Yu Memorial Scholarships*



Emily Tung 董其欣

Undergraduate Student, Business Administration, UC Berkeley  
Deeply involved and committed to helping the Asian community. Currently mentors students in the Asian Business Association in UC Berkeley by putting together programs and workshops for them. Desires to support other young students who have immigrated from the Asian or Latin American communities.

*HSBC Scholarship*



Xiahua Wei 韦夏华

Graduate Student, Economics and Management Science, UCSD

Submitted two research papers on technology and innovation for publication to *"The Rand Journal of Economics and Management Science."* Also holds a strong commitment and desire to promote Chinese culture in her environment.

*Mrs. Edna & Dr. Yu-Shan Han Memorial Scholarships*



Di Zhang 章迪

Graduate Student, Engineering Physics, UCLA

Made two oral presentations at the American Association of Physicists in Medicine. Currently researching on how to estimate radiation doses to medical patients undergoing X-ray Computed Tomography scans, and how to reduce those radiation doses. Di wishes to establish a scholarship to supports future young scientists.

*United Healthcare/Sue Van/Dr. Jiin-Jen & Sage Lee Scholarships*



Jingjing Zhou 周婧婧

Graduate Student, Biology, USC

Research focused on the widespread yet little-known outflow tract septation defects (heart malformation) with promising results. Plans to be a biological scientist to benefit society by reducing human heart disease. Jingjing volunteers for CESASC's activities to enrich her education.

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**“To our friends and colleagues at CESASC, we wish you continued success in this year and all the years to come. We are proud to support the Scholarship Awards and wish to congratulate this year’s CESASC Achievement Awards recipients Dr. Leroy Chiao, Dr. William Yeh, and William Wang.”**



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*Mankind and Nature* 人与自然 by Ting, Shao Kuang 丁紹光



*Mankind and Nature* 人与自然  
(Year: 1999 Size: 60"X56" 40/C500)

Mr. Ting, a prominent contemporary Chinese painter in America, was born in 1939 in Chenggu, a village in the Northern Province of Shaanxi, China. The area where Ting was born, once was the center of an advanced civilization, was reeling from the ravages of the Japanese invasion. Ting's father, a Kuomintang official in Beijing, helped rally the Nationalist forces against the Japanese Imperial Army.

By age 11, Ting was painting every day, using cooking oil as medium for his pigment. Despite the lack of painting supplies, he demonstrated such talent so that, in 1954, he was given the opportunity to attend the prestigious high school affiliated with the Central Academy of Fine Arts in Beijing. In 1957, Ting was admitted to Beijing's Central Academy of Arts and Crafts, where he was taught "Socialist Realism" in his classes. During this time, he also discovered the works of Picasso, Matisse and Modigliani. The paintings of these artists inspired him to experiment with new themes and techniques. Mr. Ting's art work is characterized by a combination of traditional Chinese painting techniques and the more expressive Western art forms. He has created a unique style that does not belong exclusively to the East or the West, but to the world.

*CESASC sincerely appreciates Mr. Ting's donation of his art work to the 48<sup>th</sup> CESASC Convention's live auction event.*



## 丁紹光藝術 画家简介



- 1939年 出生于中国陕西省城固县。
- 1962年 毕业于中央工艺美术学院。
- 1962-1980年 任教于云南艺术学院。
- 1979年 为人民大会堂创作大型壁画《美丽、丰富、神奇的西双版纳》出版《丁绍光西双版纳白描写生集》。
- 1980年 赴美定居。
- 1990年 在日本世界艺术博览会上，被选入自十四世纪以来最杰出的艺术大师，名列第29位，是唯一上榜的华人艺术家。
- 1991年 受荷兰政府委托，为阿姆斯特丹市国际花卉节创作《天堂鸟》。
- 1992年 受联合国少年儿童基金会委任创作《摇篮曲》发行限量丝网版画为联合国少年儿童基金义卖。在香港佳士得中国19和20世纪中国画拍卖会上，作品《白夜》以220万港币售出，创下当时中国在世画家作品之最高纪录。  
他的丝网印刷版画作品展在北京天安门革命历史博物馆举行，成为当时唯一获此殊荣的外籍华裔在世画家。
- 1993年 被选为联合国“代表画家”创作《人权之光》以纪念联合国人权宣言发表。
- 1994年 联合国选用他的作品《母性》印为纪念邮票首日封，并在全球发行限量版画，以纪念国际家庭年。
- 1995年 为纪念国际妇女年和在北京召开的第四次世界妇女代表大会，再次受邀创作《宗教与和平》；同年联合国邮政局向全球发行了丁绍光的作品《西双版纳》和《宗教与和平》首日封以及《西双版纳》、《希望之光》、《自由之歌》、《催眠曲》、《和平、平等、进步》、《文化与教育》6幅作品的邮票，以纪念联合国第四次世界妇女大会。首日封和邮票在日内瓦万国宫博物馆永久珍藏。联合国连续三年撰文向世界166个国家介绍丁绍光的艺术与生活。联合国在艺术与集邮项目总结报告中提名表彰了联合国成立50年来29位当代艺术大师，丁绍光是其中唯一的亚洲艺术家。
- 1996年 世界美术家联盟在美国成立，当选首任主席。
- 1997年 为庆祝香港回归祖国，受邀创作《腾飞》，在江苏南京参加香港回归作品《腾飞》的首发式。在中国嘉德第97年度春季拍卖会的油画雕塑组别里《西双版纳》以396万成交，为当时在世中国画家作品获得的最高拍卖价格。
- 1998年 受邀创作《美丽的梦》以纪念联合国人权宣言发表五十周年。由联合国世界联合会向全球发行限量丝网版画，联合国邮政总局发行首日封。  
同年受上海市政府邀请，为上海大剧院创作大型壁画《艺术女神》。
- 1999年 受99世界博览会邀请，为中国云南省昆明举办的世界博览会创作主题画《人与自然》该作品的丝网版画赠送给了参展的94个国家和国际组织。
- 2001年 再次受联合国少年儿童基金会委任创作《童年》并向全球发行限量丝网版画为联合国少年儿童基金会议卖。

从1986年至今，丁绍光先生在世界各地举办个人画展1000多次，作品被全世界50多个国家和地区收藏，向全球发行120种丝网版画和12种雕塑，各国报刊、电视、广播、书刊杂志专题介绍上千余次，中国、美国、日本、法国、新加坡、台湾、香港分别出版了丁绍光画集。一九九六年日本NHK国家出版社出版的《丁绍光作品集》获世界文化交流金奖。并曾在日本举行画展，三天内作品销售超300万美金，在法国举行画展半小时内所有作品被抢售一空，目前全世界有上千家画廊代理丁先生的作品。

丁绍光先生的作品融合了东西方古典艺术和现代艺术的特色，色彩瑰丽，线条充满了音乐的旋律，在国际画坛上享有很高的地位，是以中国现代重彩画之神韵领世界画坛之风骚的艺术家。美国著名美术评论家芬雷称“震动画坛的丁绍光艺术，既是东方的，也是西方的，更是属于世界的”。法国当代权威的美术评论家帕里诺称他的艺术“具有超越时空的魅力，他用一支神似的笔，使自己成为二十世纪的乔托”。

丁绍光先生现任中外十余所大学名誉教授、客座教授，国际中国美术家协会会长，美国世界美术联盟首任主席。

为表彰丁绍光先生的杰出贡献，各国政府和社会团体颁发给丁先生许多特殊荣誉状，包括杰出艺术家、荣誉市民、金钥匙、命名丁绍光日等等。



## Mr. Peizheng Zhou and His Art of Calligraphy 周培正先生书法艺术



Dr. Peizheng Zhou, self proclaimed “Pioneering Hillbillies,” “The Elderly Ten,” a retired physician in Hunan, China practiced medicine for over forty years. He started learning the art of calligraphy at very young age. Obsessed with the art, his calligraphy thrived in the styles of Small Kai-shu (regular script), Li-shu (official script), and Zhuan-shu (seal character script). Well-known for his running scripts where the brush flies forcefully without interrupted. Mr. Zhou holds membership in many prestigious art institutes, has won numerous awards in various calligraphy competitions and earned honorary titles. For his contribution to the art of calligraphy, he was named in “Who’s Who in China.” His art work has been collected by various art institutes and individuals in through out the world.

周培正先生号拓荒山人、十同老人。他行医四十余年，自幼嗜书法，善榜书，工小楷，兼隶篆，尤擅楷行等，运笔雄浑奇崛，苍劲有力。系中国书画家、中国老年书画、湖南书画、上海中华书画等协会、研究会会员，颜真卿书画院名誉院长，吴道子艺术创作中心顾问，九州枫林国际书画艺术院院士。先后获德才兼备书画艺术家、中华文人书画家和百家书画书圣艺术家等荣誉称号，入选中华人物志。其作品在中国多项大赛中屡获金、银奖；还被欧、美、日、加等国大学图书馆和友人收藏。

*CESASC sincerely appreciates Mr. Zhou's donation of his calligraphy art to the 48<sup>th</sup> CESASC Convention's silent auction collections.*





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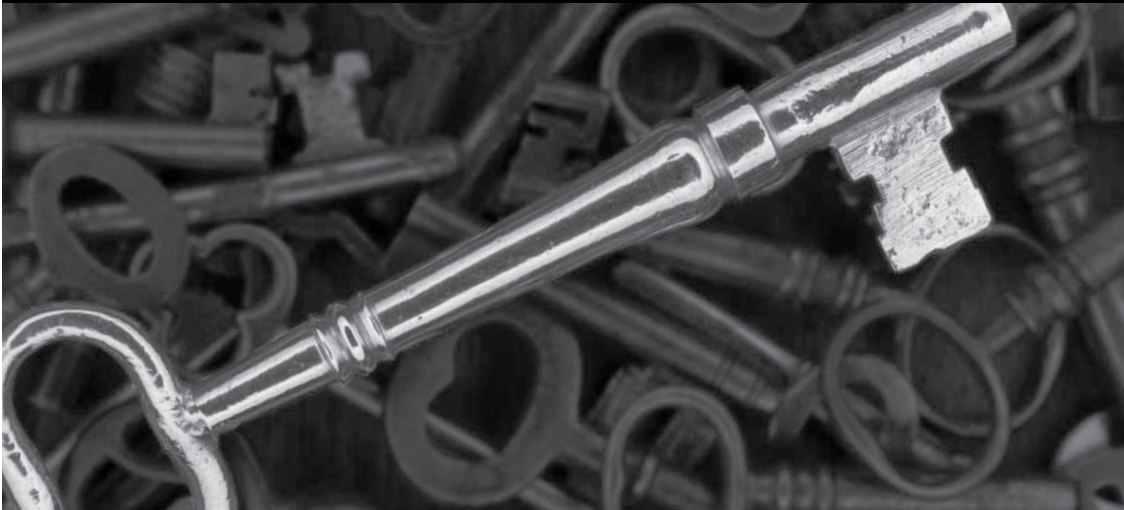
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To the Success of CESASC  
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&

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# 南加州華人環保協會 SCCAEP A

South California Chinese-American Environmental Protection Association



A non-profit charitable organization [501(c)(3)]

[www.sccaepa.org](http://www.sccaepa.org)

### Mission Statement of SCCAEP A

To promote environmental awareness and members communications, to participate in and serve the environmental scientific community and the Chinese American community.

### Highlights of SCCAEP A

- Founded in 1991 as a non-profit organization [501(c)(3)].
- More than 250 members who are scientists, engineers, professors, students, and environmental professionals working in sectors of government, municipalities, and consultants.
- More than 90% members have advanced degrees (Masters or Doctorates).
- 7-15 board members elected every year and the board meeting held quarterly.
- Organized and/or sponsored more than 30 Technical Seminars/Workshops on various environmental topics.
- Hosted International Environmental Symposium in L. A. in 1997, 2008 & 2009.
- Co-hosted 3 annual Asian American Environmental Symposium since 2006 at UCLA, Cal-poly Pomona, and USC.
- Hosted and educated frequently Chinese environmental delegations and visitors from overseas.
- Participated in regular local Chinese radio/TV shows for environmental issues.
- Won a Grant from Santa Monica Bay Restoration Commission for Chinese Community Education on Recycling (2005).
- Won a Grant from MWDSC for Community Partnering Program (2006).
- Awarded a grant for scholarship from Southern California Edison (SCE) (2009).

### SCCAEP A Board of Directors (2010)

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If you want to join the SCCAEP A and/or would like to participate in SCCAEP A activities, please contact us by sending an e-mail to [board@sccaepa.org](mailto:board@sccaepa.org)

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**ABOUT ICTPA**

ICTPA was founded on January 10, 1987 in the United States as a nonprofit professional organization. The purpose of ICTPA is to promote the professional development of its members by fostering fellowship and cooperation among its members and by maintaining a central point of reference and deliberation. In an effort to promote local activities, there are Southern California Chapter (SCC), Northern California Chapter (NCC), Washington, DC Chapter, Northeastern United States Chapters and Texas Chapter. Each chapter has its own president and board of directors, regular meetings and activities. The Southern California Chapter focuses on technical activities and business networking among our members and friends from government agencies, design firms and construction companies in the greater Los Angeles area, Santa Barbara and San Diego Counties.

**MISSION, VISION AND TOP INITIATIVE**

**Mission:** Promote the professional development of its members by fostering fellowship and cooperation among its members and by maintaining a central point of reference, deliberation, and technical information exchange.

**Vision:** Expand our relationship with national and international organizations on both sides of the Pacific Ocean to develop stronger relationships and collaborations in informational and technological exchange.

**Top Initiative:** To increase technical skills and networking opportunities for our members by providing technical and social activities

**UPCOMING EVENTS**

**4/16/2010 Friday:** Technical Seminar – Highway/Bridge Project Delivery in California  
Six invited prestigious speakers will address deliverables, issues and agency’s requirements on highway and bridge projects in California. The topics cover Transportation Planning, Program Management, Civil/Roadway Design, Bridge Design, Geotechnical Design and Construction Management. Find more at [www.ictpa-scc.org/index.html](http://www.ictpa-scc.org/index.html).

**4/24/2010 Saturday:** ICTPA past president Mr. Jimmy Lin, President and CEO of KOA Corporation, presents at the 48<sup>th</sup> CESASC Annual Symposium, “Metro Gold Line Foothill Extension Construction Authority Strategic Planning Study, Phase 2, Ontario, California”.

**5/27-30/2010 ICTPA 23<sup>rd</sup> Annual Meeting in Taiwan:** The 2010 ICTPA annual meeting and the 8th Asia Pacific Transportation Development Conference will be held in Tainan, Taiwan. Conference themes will focus on, but are not limited to, energy saving and CO2 reduction. Other transportation related issues are also welcome. See more info at <http://www.ictpa.org/Conferences/23annual/23rdannual.htm>

Contact Info: Endi Zhai (翟恩地, 会长), President of ICTPA-SCC. Ph: 949-585-3141 Email: [endizhai@gmail.com](mailto:endizhai@gmail.com)



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**Sunday, May 9th, 2010**

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4:00 PM • Guest Registration

4:30 PM • Forum

5:30 PM • reception

6:30 PM • Talent Show & Charity Dinner

8:30 PM • Dance Party

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free parking

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**PHOTO RECAPTURES (I)**  
**2009 Convention & Technical Symposium**



CESASC Members at the 2009 Convention



2009 CESASC Board of Directors



2009 Technical Symposium Chairs with Speakers



Technical Symposium Environmental Session



CESASC Officers and Advisors



SCCAEPA Members at CESASC Convention



Live Auction of Painting by Emily Yu



Weiwei Wang Assisting Silent Auction





**PHOTO RECAPTURES (II)  
2009 – 2010 CESASC Activities**



Member Support Torrance Memorial Med Ctr



CESASC Members at the WeiMing Forum



CESASC Volunteers Group Meeting



Friends of CESASC at Gathering



Farewell Party for Weiwei Wang



Press Conference for the 2010 Convention



Dr. Philip Chen of CESASC at Press Conference



Dr. Wei Kao of CESASC Spoke to TV LA18



## CESASC Former Convention Keynote Speakers and Achievement Award Recipients

2006 – 2009\*

2006 Convention Keynote Speaker:

**Prof. Fujia Yang (楊福家)**, Chancellor, University of Nottingham, United Kingdom

*“Education is the Future”*

CESASC Achievement Award Recipients:

**Prof. Fujia Yang (楊福家)**, Chancellor, University of Nottingham

**Dr. Linda M. Liao (廖敏妃)**, Neurosurgeon and Associate Prof., Neurosurgery, UCLA

**Dr. Man-Chung Tang (鄧文中)**, Chairman of the Board, T.Y. Lin International

2007 Convention Keynote Speaker:

**Mr. John J. Sie (謝誠剛)**, Founder and Chairman, Starz Entertainment

*“Evolution of an Electrical Engineer over a Half Century”*

CESASC Achievement Award Recipients:

**Mr. John J. Sie (謝誠剛)**, Founder and Chairman, Starz Entertainment

**Ms. Heidi Shyu (徐若冰)**, Corporate Vice President of Technology & Research, Raytheon

**Dr. Xiaodong Wang (王曉東)**, Investigator, Howard Hughes Medical Institute; Professor, University of Texas Southwestern Medical Center

2008 Convention Keynote Speaker:

**Mr. Wing T. Chao (趙永濤)**, Executive Vice President, Walt Disney Imagineering

*“Imagination + Engineering = Imagineering”*

CESASC Achievement Award Recipients:

**Mr. Wing T. Chao (趙永濤)**, Executive VP, Real Estate & Resort Development, Walt Disney

**Dr. Robert P. Lin (林伯中)**, Prof, and Director of the Space Sciences Laboratory, UC Berkeley

**Dr. Terence Tao (陶哲軒)**, Professor of Mathematics, UCLA

CESASC Young Engineer & Scientist Achievement Award Recipient:

**Dr. Vincent Gau (高振智)**, President and CEO, GeneFluidics, Inc.

CESASC Service Award Recipient:

**Ms. Shirley Ho (何張翠妹)**, Community Outreach Consultant, Torrance Memorial Med. Center

2009 Convention Keynote Speaker:

**Dr. Mau-Chung Frank Chang (張懋中)**, Wintek Chair Professor, Director of the High Speeds Electronic Laboratory, UCLA. Academician, US National Academy of Engineering

*“Seeing a Hidden World through Tera-Hertz Imaging”*

CESASC Achievement Award Recipients:

**Prof. Mau-Chung Frank Chang (張懋中)**, Wintek Chair Professor, UCLA

\* Please see 2005 Convention Journal or CESASC Website <http://www.cesasc.org> for complete lists of CESASC Former Convention Keynote Speakers and Achievement Award Recipients since 1969.



## ***CESASC Former Presidents***

1962 Henry Chi	1978 Shou S. Kwong	1993 Eastwood Im
1963 Norman Au	1979 Charles P. Wang	1994 Kung Yao
1964 Tung-Hua Lin	1980 Tennyson Wang	1995 Elizabeth Kay Im
1965 Chung-Ming Wong	1981 Han C. Leung	1996 Tientsai Yang
1966 Frederick Liu	1982 Sui-An Fung	1997 Munson Kwok
1967 Theodore Wu	1983 Shih Yuan Chen	1998 William Chang
1968 Ju-Chin Chu	1984 H.E. Frank Wang	1999 Sheng-Rong Lin
1969 Lewis Au	1985 Chieh Sun	2001-02 Edward Liu
1970 Wellington Loh	1986 Shui Lin Chao	2002-03 Charles Wang
1971 Paul P. Yeh	1987 Sherman Yu	2004 Shirley Ho
1972 Paul Leung	1988 Chih-Ming Ho	2005 Shan Lee
1973 Tung Po Lin	1989 Wei H. Kao	2006-07 Sikun Lan
1974 Steven Tang	1990 Edward Liu	2008 David K. Lee
1975 Kuang Chi Chiang	1991 Catherine Kwan	2009 Wensheng Zhou
1976 Peter Dai	1992 George Chao	
1977 John Chan	1992 T. J. Wang	

## ***CESASC Life Members***

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- Historians: Lois Chi, Shirley Ho
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## **2009-2010 CESASC Scholarship Foundation Organization**

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## 南加州中華科工學會簡介

### *Chinese-American Engineers and Scientists Association of Southern California* (CESASC)

南加州中華科工學會(CESASC)成立於 1962 年, 為一非營利專業團體, 並係南加地區歷史最悠久、組織最完善的華美科技學會之一。這個由戚文祥先生領導創立, 並由任職於南加州多所高科技企業公司的華裔科工專業人士聯合組成的科技組織, 多年來致力於會員間的交流互動、會員及團體權益福祉的維護、科技交流, 以及就業與教育相關資訊分享。

年會中的專題演講及頒發傑出成就獎是本會行之有年的重點項目, 專題演講人及成就獎得主均為一時之選。2009 年諾貝爾獎得主高錕博士是本會 1981 年成就獎得主。其他諾貝爾獎得主丁肇中博士、楊振寧博士、李政道博士及李遠哲博士亦均應邀擔任專題演講人或親自出席領取成就獎。現任美國能源部部長及諾貝爾獎得主朱棣文博士的尊翁朱汝瑾博士為本會 1968 年會長及 1988 年成就獎得主。吳健雄博士, 吳耀祖博士, 錢煦博士及朱經武博士等則為美、中、台兩岸三地科學, 工程學院及中央研究院院士。專題演講人或成就獎得主尚包括美國前勞工部趙小蘭部長、UC Berkeley 校區校長田長霖博士、UC Santa Barbara 校區校長楊祖佑博士、1996 年《時代》雜誌年度人物何大一博士、企業家杜紀川及孫大衛、加州主計長江俊輝、本會顧問暨百人會前副會長謝正剛博士以及美國鑑識醫學專家李昌鈺博士等。

本會於 1986 年首度推出大型科技研討會, 為日後成立的華美科技組織樹立了新的楷模。研討會囊括的範圍甚廣, 從航空太空到資訊科技、從環保運輸到生物醫學、從光電、建築到電子商務、以及近來益受重視的管理科學、奈米科技等項目均令與會者受益良多。研討會中也常邀請主流公司以展覽的方式為參加者提供科技界的最新動態。此外, 本會亦曾主辦青少年科工計劃競賽 (Youth Engineering and Science Project Contest) 及博士後科研成果展 (Student Postdoctoral Research Poster Session) 獲得會員, 學子及指導教授的大力支持。

鼓勵青少年的參與是本會成立至今的主要目標, 1987 年 Scholarship Foundation 獎學金基金會成立, 在會員及社區熱心人士的慷慨捐助下, 每年年會中固定頒發 5 至 10 名獎學金, 獲獎者均為大學部或研究所的在學校學生。近年來, 獎學金得獎人更獲邀在科技研討會 Poster Session 中就其研究成果發表演說。值得一提者, 1986 年獎學金得主 Brown Univ. Sophomore 廖敏妃同學 (現為 UCLA Medical School Associate Professor and Neurosurgeon) 更於 2006 年以其在醫學界的傑出表現榮獲本會成就獎, 給予本會及獎學金基金會莫大的鼓勵。

籌備年會及科技研討會所需經費至鉅, 幸多年來獲得 The Aerospace Corporation, Amgen, Anna & John J. Sie Foundation, The Boeing Company, Cathay Bank, China Airlines, Chinatrust Bank, Citigroup, Hilton, Jet Propulsion Laboratory, Kingston Technology, Lockheed-Martin, New York Life, Northrop Grumman, Pratt & Whitney Rocketdyne, Prudential, Raytheon, Rockwell International, Southern California Edison, United Technologies Corp. 等公司企業及基金會的大力贊助, 特此銘謝。

南加州中華科工學會網址: [www.cesasc.org](http://www.cesasc.org)

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# Chinese-American Engineers and Scientists Association of Southern California

## Mission Statement

**CESASC**, a leading Chinese-American professional organization, promotes and advocates the best interest, aspirations, and professional excellence of Chinese-American engineers and scientists in Southern California. **CESASC** provides career and educational enhancement opportunities, technical exchange, fellowship and community services. See <http://www.cesasc.org> for CESASC Bylaws and other information.

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