

美南國建協進會  
Association of Chinese American Professionals



**2022**

**Annual Conference of  
Science, Engineering and Technology Seminars (SETS)**  
二零二二年科學工程技術研討會

**Preliminary Program**  
預定議程

**Theme:**

**Energy, Environmental Protection, Nano and Composite Technology,  
Electric Vehicles Technology, Offshore Technology, Biomedical, Health,  
Accounting, Business Management, and Law**

會議主題：

能源、環境保護、奈米及複合科技、電動車科技、  
海洋科技、生物醫學科技、健康、會計、商業管理與法律

協辦單位：

美國華人石油協會  
休士頓華美會計師協會  
德州台灣生物科技協會  
世界華人工商婦女企管協會美南分會

**Saturday, June 4, 2022**

**Sugar Land Marriott Hotel**

16090 City Walk, Sugar Land, Texas

For more information or to register: <https://www.acap-usa.org>



**9:00 am - Energy Session (能源講座)**

**12:00 pm Chinese American Petroleum Association (CAPA)**  
美國華人石油協會 協辦

**Co-Chairs: Tzu-Hao Yeh (葉子豪), Ph.D., Research Reservoir Engineer, Shell International E & P**  
**Chih-Cheng Lin (林志成), Senior Production Engineer, SME – Sand Control, Shell Oil Company**

**Speaker: Jay Chen, Team Lead, Deep Learn & AI, Shell International E&P**  
**Topic: Machine Learning in Oil & Gas Exploration**

**Speaker: Frank Frey, Principle, GHD**  
**Topic: Hydrogen Transport**

**Speaker: Chih-Cheng Lin (林志成), Senior Production Engineer, Shell Oil USA**  
**Topic 1: A New Deepwater Oil Production Project in Gulf of Mexico**  
**Topic 2: The Cleaner Hydrocarbon Energy Projects – Big Gas & LNG Projects**

**9:00 am - Environmental Protection Session (環境保護講座)**  
**12:00 pm**

**Chair: Edward T. Chen (陳天生), President, Chinese American Society of Environmental Protection & Safety, Houston, Texas**

**Speaker: Vance Nobe, President and CEO, Akari Energy, Houston**  
**Topic: Solar Power: Meeting the Needs of the Rapidly Changing Economy**

**Speakers: Jonathan Greene and Doug Coenen, Housing and Development Department, City of Houston; Chi-Chung Chang, Ph.D., Principal Consultant, CPD Consultants, Houston, Texas, Adjunct Faculty, University of Houston**  
**Topic: Impact of Wetland on Property Development and Engineering Design**

**Speaker: Michael Liu, President, American P & G Corp., Houston, Texas**  
**Topic: Taiwan's Wood Debris Waste Recycling**

**Speakers:** Ying-Jen Chou (卓英仁), Ph.D., Technical Director, Greenland Environmental Co., Taipei, Taiwan; Jeff Kao (高家傑), Ph.D., Senior Consultant, Greenland Environmental Co., Taipei, Taiwan; Chih-An Lee(李致安), General Manager, Greenland Environmental Co., Taipei, Taiwan; Cheng-Mao Tseng (曾正茂), Ph.D., Consultant and Deputy General Manager, Greenland Group, Taipei, Taiwan; Ming-Chih Mitch Shih (施明志), Ph.D., Project Manager, America Greenland Environmental Co., USA

**Topic:** A Case Study on Soil Pollution Remediation of CPC Corporation, Taiwan (台灣中油公司土壤污染整治個案研究)

**8:30 am - 12:00 pm**      **Nano and Composite Technology Session (納米及複合科技講座)**

**Co-Chairs:** Howard Paul (浦浩德), Ph.D., P.E., Engineering Manager, America P & G Co.  
Guoqiang Li (李國強), Ph.D., Louisiana State University

**Speaker:** Howard Paul (浦浩德), Ph.D., P.E., Engineering Manager, America P & G Co.

**Topic:** New Nano Additives Commercially Produced for Engineering Plastics Upgrade (商業生產新型納米添加劑用於工程塑料的升級)

**Speakers:** Adithya Challapalli and Guoqiang Li (李國強), Ph.D., Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

**Topic:** Light-Weight Structural Optimization Through Biomimicry, Machine Learning and Inverse Design (輕量級結構優化通過仿生學, 機器學習和逆向設計)

**Speakers:** Cheng Yan and Guoqiang Li (李國強), Ph.D., Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

**Topic:** Machine Learning Assisted Discovery of New Thermoset Shape Memory Polymers (機器學習輔助發現新的熱固性形狀記憶聚合物)

**Speakers:** John Konlan and Guoqiang Li (李國強), Ph.D., Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

**Topic:** Multi-Functional Laminated Composites with Damage Self-Healing, Shape Memory, Deicing, and Damage Sensing Properties (多功能層壓複合材料具有損傷自癒, 形狀記憶, 除冰和損傷傳感特性)

**Speaker:** Lanre Tanimola, Director of Innovation, Nanoswitch Inc., Texas

**Topic:** Nanostructured Transparent Insulation Materials for Multifunctional Applications (多功能應用的納米結構透明絕緣材料)

**Speakers:** Guoqiang Li (李國強), Ph.D., and Xiaming Feng, Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

**Topic:** Multifunctional Vitrimers (多功能的玻璃體)

**Speakers:** Siavash Sarrafan, Xiaming Feng, and Guoqiang Li (李國強), Ph.D., Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

**Topic:** A Two-Way Shape Memory Polymer Based Syntactic Foam with Large Recovery Stress and Actuation Strain, and High Energy Output (一種雙向形狀記憶聚合物機複合泡沫, 具有大的恢復應力, 驅動應變和高能量輸出)

\* Receive up to 3.5 hours of Professional Development Hours (PDH) by attending this session. Certificate will be issued as per request after conference. (參加者將獲取 3.5 PDHs. 根據要求會議後發出證書)

<b>9:00 am -</b>	<b>CPA – Financial and Tax Session (專業會計師講座)</b>
<b>12:00 pm</b>	<b>Houston Society of Chinese American CPAs (HSCACPA)</b> 休士頓華美會計師協會 協辦
<b>Chair:</b>	<b>Shu (Carol) Wang (王舒), CPA, CMCD LLC</b>

**Speaker:** Scott Bishop, MBA, CPA/PFS, CFP®, Executive Director of Wealth Solutions

**Topic:** Retirement Survival Planning

**Speaker:** Lisa Hao, CPA & MBA, Owner of Hao CPA PLLC

**Topic:** Imputed Interest Rules and Regulations

\*依照美國會計師協會之規定，專業會計師執照持有人每年需有固定在職進修時數。本課程與下午商業管理講座合乎美國會計師協會之規定，可算八小時進修時數。

\*Sign in, sign out, and completed evaluation forms are required for 8 CPE hours.

**9:00 am - Electric Vehicles Technology Session (電動車科技講座)**

**12:00 pm**

**Chair:** Ching-Hwa Kiang (江慶華), Ph.D., Associate Professor, Department of Physics & Astronomy & Bioengineering, Rice University, Houston, TX

**Speaker:** Jennifer Chang (張敏君), CEO, Co-founder, Noodle Inc. (拓連科技)

**Topic:** The Secret to Unlock Electric Vehicles Market (引爆電動車產業契機)

**12:00 pm - Luncheon and Keynote Address 午餐及專題演講**

**2:15 pm**

**Master of Ceremonies:** Jyh-Jong (Paul) Liou (劉志忠), ACAP President-Elect

**Welcome Remark:** Cecil Fong (方宏泰), ACAP President

Lunch

### **Keynote Speech**

**Speaker:** W.S. Winston Ho (何文壽院士), Ph.D., Academician of Academia Sinica (中央研究院院士), Academician of National Academy of Engineering (美國國家工程院院士), Distinguished Professor of Engineering in the William G. Lowrie Department of Chemical and Biomolecular Engineering and the Department of Materials Science and Engineering, Ohio State University

**Topic:** CO2 Capture: Membrane and Other Technologies

**Award Presentation:** Distinguished Achievement and Outstanding Service Awards

**2:30 pm - Offshore Technology Session (海洋科技研討會)**  
**5:30 pm**

**Chair: Eric Chang (張書豪), Ph.D., P.E., Senior Lead Engineer, MCT Engineering, Inc., Houston, TX**

**Speaker: George Wang (汪秋文), Chief Technical Advisor, Genesis**

**Topic: A Holistic Subsea Structure Design Approach for Large Field Development (大型油田開發的整體海底結構設計方法)**

**Speaker: Liang-Hai Lee (李良海), Ph.D., E.M. Consulting Services, LLC.**

**Topic: Propagating Instability in Subsea Pipelines (海底管道中的不穩定傳播)**

**Speaker: Meng-Lung Liu (劉孟龍), Senior Engineer, American Bureau of Shipping**

**Topic: Subsea Mooring Chain Connector Strength and Fatigue Assessment (海底繫泊鏈連接器強度和疲勞的評估)**

**Speaker: Eric Chang (張書豪), Ph.D., P.E., Senior Lead Engineer, MCT Engineering Inc.**

**Topic: Current Updates on Offshore Wind Floating and Fixed Foundation Development (離岸風電浮動式和固定式水下基礎發展的近況更新)**

\* Earn up to 3 hours of Professional Development Hours (PDH) by attending this session. Certificate will be issued as per request after conference. (參加者將獲取 3 PDHs, 根據個人要求於會議後發出 PDH 證書)

**2:30 pm - Biomedical Session (生物醫學科技講座)**

**5:30 pm Texas Taiwanese Biotechnology Association (TTBA)**  
德州台灣生物科技協會 協辦

**Co-Chairs: I-Wen Song (宋以文), Ph.D., University of Texas MD Anderson Cancer Center**

**Shao-Ping (Emily) Yang (楊劭莘), University of Texas MD Anderson Cancer Center**

**Pei-Yun (Jessica) Chuang (莊珮筠), Baylor College of Medicine**

**Speaker:** **Shih-Han Peggy Lee, Ph.D., Assistant Professor, University of Texas MD Anderson Cancer Center, TX**

**Topic:** A Journey of Landscaping: from Horticulture to Modern Cancer Research

**Speaker:** **Laising Yen (嚴來興), Ph.D., Associate Professor, Baylor College of Medicine, TX**

**Topic:** Sink or Swim for Young Scientists – Are You Ready for Your Next Position in the Academic Track?

**Speaker:** **Arthur Chang (張典正), Ph.D., HCLD, Professor, University of Texas Health Science Center, San Antonio, TX**

**Topic:** Career Development and Networking Before and During the Era of Pandemic

**Speaker:** **Shu-Hong Lin (林書弘), Ph.D., Senior Scientist, Computational Biology, BioNTech, SE**

**Topic:** There and Back Again: A Journey Across Academia and Industry

**Speaker:** **Tsai-Yu Chen (陳摘宇), Ph.D., Scientist, Lonza, TX**

**Topic:** Un-expected Career in Cell and Gene Therapy CDMO

**2:30 pm - Health Session (健康講座)**

**5:30 pm**

**Chair:** **Hue-Teh Shih (施惠德), M.D., Ph.D.**

**Speaker:** **Lu-Yu Hwang (黃綠玉), M.D., Professor, Department of Epidemiology, Human Genetics and Environmental Science and Center for Infectious Diseases, UTHealth School of Public Health (SPH)**

**Topic:** Epidemiology of Viral Hepatitis and Vaccination Prevention

**Speaker:** **Victor Ankoma-Sey, M.D., FACP, FAASLD, Director, Liver Transplant Program, Houston Methodist Hospital**

**Topic:** Non-infectious Hepatitis and Hepatocellular Carcinoma- An Update

**Speaker:** Tzu-Hao (Howard) Lee (李子豪), M.D., Assistant professor, Department of Medicine and Surgery, Baylor College of Medicine  
**Topic:** Viral Hepatitis and Hepatocellular Carcinoma (HCC)

<b>2:30 pm -</b>	<b>Business Management Session (商業管理講座)</b>
<b>5:30 pm</b>	<b>Global Federation of Chinese Business Women in Southern USA (GFCBW) 世界華人工商婦女企管協會美南分會 協辦</b>
<b>Chair:</b>	<b>Christi Yao (何真), President of GFCBW</b>

**Speaker:** Leo Yao (姚義), Asia-Pacific Account Director, Visit Houston  
**Topic:** Creating a Joyful Life by MICE (借鏡 MICE 創造樂活生活)

**Speaker:** Ben Wu (吳炳輝), General Manager, First Commercial Bank Houston Branch (第一銀行)  
**Topic:** Make Good Use of Banking Services and Be Your Lifelong Friend (善用銀行服務, 做您一輩子的好朋友)

<b>2:30 pm -</b>	<b>Law Session (法律講座)</b>
<b>5:30 pm</b>	
<b>Chair:</b>	<b>Minnie Tsai (蔡米惠), Esq.</b>

**Speaker:** Kristen Quan Hammill, Esq., Managing Partner, Quan Law Group  
**Topic:** Trends in Immigration

**Speaker:** Megan Luh (陸孟婷), Esq., Associate, Porter Hedges  
**Topic:** An Overview of Intellectual Property for STEM Professionals



**2022 Science, Engineering and Technology Seminar (SETS)  
June 4, 2022, Sugar Land Marriott  
Conference Registration Form**

Name: \_\_\_\_\_  
Last First (Chinese Name)

Company/School: \_\_\_\_\_

Address: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_ E-Mail: \_\_\_\_\_

Please indicate below which sessions you plan to attend (check as many as you want):

**Morning Sessions:**

- CPA - Financial Management     Energy Session     Environmental Protection  
 Electric Vehicles Technology     Nano & Composite Technology

**Afternoon Sessions:**

- Biomedical Session     Business Management     Health Session  
 Law     Offshore Technology

Registration Fees (Please check all appropriate fees and write total amount at bottom)

Category	Advanced Registration (before 5/25/2022)	On-Site Registration
<input type="checkbox"/> <b>ACAP Member and other Collaborating Organization Member (all sessions and lunch)</b>	<input type="checkbox"/> \$65	<input type="checkbox"/> \$80
<input type="checkbox"/> <b>Non-Member (all sessions and lunch)</b>	<input type="checkbox"/> \$70	<input type="checkbox"/> \$85
<input type="checkbox"/> <b>Student Member (all sessions and lunch)</b>	<input type="checkbox"/> \$50	<input type="checkbox"/> \$65
<input type="checkbox"/> <b>Member and Student ---- Sessions Only</b>	<input type="checkbox"/> \$15	<input type="checkbox"/> \$25
<input type="checkbox"/> <b>Non-Member ---- Sessions Only</b>	<input type="checkbox"/> \$25	<input type="checkbox"/> \$35
<input type="checkbox"/> <b>ACAP Annual Student Membership Renew</b>	<input type="checkbox"/> \$10	<input type="checkbox"/> \$10
<input type="checkbox"/> <b>ACAP Annual Regular Membership Renew</b>	<input type="checkbox"/> \$40	<input type="checkbox"/> \$40
<input type="checkbox"/> <b>ACAP Lifetime Membership Fee</b>	<input type="checkbox"/> \$200	<input type="checkbox"/> \$200
<input type="checkbox"/> <b>Conference Sponsorship</b>	<input type="checkbox"/> \$	<input type="checkbox"/> \$
<b>TOTAL</b>	<b>\$</b>	<b>\$</b>

Please make check payable to **ACAP** prior to **May 25, 2022** and mail to:

**B. J. Wu, ACAP Conference Registrar**  
**4527 Hickory Branch Ln., Sugar Land, TX 77479**  
**Email: [acap.registrar@gmail.com](mailto:acap.registrar@gmail.com)**  
**Online registration is available at: <https://www.acap-usa.org>**