

美南國建協進會
Association of Chinese American Professionals

2023

Annual Conference of
Science, Engineering and Technology Seminars (SETS)
二零二三年科學工程技術研討會

Preliminary Program
預定議程

Theme:
Energy, Environmental Protection, Nano and Composite Technology, Accounting
Offshore Technology, Biomedical, Health, and Business Management

會議主題：
能源、環境保護、奈米及複合科技、會計
海洋科技、生物醫學、健康、商業管理

CELEBRATING
45TH
ANNIVERSARY

協辦單位：
世界華人工商婦女企管協會美南分會
德州台灣生物科技協會
休斯頓華人會計師協會協辦
休士頓華商經貿聯合會
美國華人石油協會

Saturday, June 24, 2023

Marriott Sugar Land
16090 City Walk, Sugar Land, TX 77479

<https://www.acap-usa.org>



9:00 am - Energy Session (能源講座): Digitalization in Oil Field & New Energies

11:50 am Chinese American Petroleum Association (CAPA) 美國華人石油協會協辦

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

Speaker: Chuen Song Chen, Ph.D., Data Scientist, Shell Global Solutions (US) Inc.

Topic: Predicting Seismic Image Changes Using Deep-Learning Techniques

Speaker: Frank Frey, P.E., Vice President, GHD

Topics: Achieving Net Zero: A Constructable Infrastructure
Hydrogen Storage Technology & Economics

Speaker: Chih-Cheng Lin, Senior Production Engineer, SME – Sand Control, Shell Oil Company

Topic: MPD (Managed Pressure Drilling) Technology Applications to Recover More Oil & Gas

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

11:50 am

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

Speaker: Vance Nobe, CEO, Akari Energy, Houston, Texas

Topic: Solar Power Update 2023: The Path to Energy Independence

Speakers: Jonathan Greene, CPD Consultants, Houston, Texas

Doug Coenen, PE, Walter P Moore, Houston, Texas

Chi-Chung Chang, Ph.D., Principal Consultant, CPD Consultants, Houston, Texas; Adjunct Faculty, University of Houston

Topic: Flood Control in Economic Disadvantaged Areas

Speaker: Mark Wilfalk, CPM, Director, Solid Waste Management Department, City of Houston, Texas

Topic: The Past, Present, and Future of the City of Houston Solid Waste Management Department

Speaker: Harvey Houg, Ph.D., Board Director, Institute of Environment and Resources, The Think Tank of Taiwan Environmental Protection Administration (EPA)

Topic: The Impact of Resource Circulation Policy on Achieving 2050 Net-Zero Emissions in Taiwan

Speaker: Michael Liu, President, American P&G Corp., Houston, Texas

Topic: Environmental Management for Risk Chemicals

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

11:50 am

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

* Earn 4 hours of Professional Development Hours (PDH) by attending this session. Certificate will be issued as per request after conference. (賺取 4 PDHs, 根據要求會議後發出證書)

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

Topic: New Fire Proofing Materials Applied on Petrochemical Plants, Chemical Plants, and Other Fire Safety Areas (防火新材料適用於石化廠、化工廠等消防領域)

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

Topic: Nature Inspired Self-Healing Polymers (自然啟發的自修復聚合物)

Speaker: Cheng Yan (嚴成) and Guoqiang Li (李國強), Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

Topic: Revolutionizing Polymer Discovery with Machine Learning: A Comprehensive Framework (用機器學習革的新聚合物發現：一個綜合框架)

Speaker: Chengbin Yu (俞程斌) and Guoqiang Li (李國強), Professor, Department of Mechanical & Industrial Engineering, Louisiana State University, Baton Rouge, LA

Topic: Cross-linked Graphene/Cysteamine Aerogel (GCA) Supported Form-Stable Phase Change Materials (PCMs) for Pyroelectric Energy Harvesting (交聯石墨烯/半胱胺氣凝膠 支持的用於熱釋電能量收集的形式穩定相變材料)

Speaker: Li Sun, Ph.D., Professor, Department of Mechanical Engineering, University of Houston, TX

Topic: Scalable Fabrication of Nano-Engineered Stretchable Sensors (納米工程可伸縮傳感器的可擴展製造)

9:00 am - Accounting, Tax, and Financial Session (財務，稅務和金融專業會計師講座)

11:50 am Houston Society of Chinese American CPAs (HSCACPA) 休斯頓華人會計師協會協辦

Chair: Isabelle Hui Liu (劉一慧), CPA, MBA, New York Life Insurance Company

Speaker: Yun Wan, Ph.D., Professor, University of Houston Victoria

Topic: Artificial Intelligence: Now and Future

Speaker: Michael Kraten, Ph.D., CPA, Professor of Accounting, Houston Christian University

Topic: The Personal Financial Planning Service: A Growth Area for Expanding CPA Practices

Speaker: Hui Du, Ph.D., Professor of Accounting, University of Houston – Clear Lake

Topic: Information Technology (IT) Controls and Security in Accounting and Business Systems – Would You Give Me Your Password?

*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 up to 8 CPE hours.

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

2:15 pm Master of Ceremonies: Minnie Tsai Nelson (蔡米惠), Esq., ACAP President-Elect

Welcome Remarks: Paul Liou (劉志忠), MBA, ACAP President

Lunch

Keynote Address

Speaker: Mao-Hsiung Chang (江茂雄), Ph.D., Dean, College of Engineering, National Taiwan University (臺灣大學工學院院長)

Topic: Current Status and Future Prospects of Taiwan Offshore Wind Power Policy, Industry, and Research (台灣離岸風力發電政策、產業及研究發展現況及未來展望)

Achievement and Service Awards

2:30 pm - Offshore Technology Session (海洋科技講座)

**5:30 pm Federation of Chinese Traders Alumni Greater Houston (FCTAGH)
休士頓華商經貿聯合會協辦**

Chair: Jer-Fang Wu (吳哲芳), Ph.D.

Speaker: Alex Ran(冉志煌), Ph.D., Chief Technical Officer, OffshoreTech LLC

Topic: Development of a TLP Type FOWT Concept

Speaker: George Lo (羅子璋), Principal Engineer, American Bureau of Shipping

Topic: Offshore Technology Trends

Speaker: Jim Lin (林青岳), Senior Training Manager, GE Power Houston Learning Center

Topic: Wind Energy Past, Present, and Future with Case Studies: United States, Denmark, and Taiwan

2:30 pm - Biomedical Session (生物醫學講座)

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., MD Anderson Cancer Center, Houston, Texas

Chih-Wei Zeng (Vic) (曾志維), Ph.D., UT Southwestern Medical Center, Dallas, Texas

Hui-Chi Tang (湯惠棋), UT Health Science Center at Houston

Ching-Hwa Kiang (江慶華), Ph.D., Associate Professor, Rice University.

Speaker: Laising Yen (嚴來興), Ph.D., Associate Professor, Department of Pathology & Immunology, Baylor College of Medicine

Topic: Sink or Swim for Young Scientists – Are You Ready for an Academic Position?

Speaker: Lu-Yu Hwang (黃綠玉), Ph.D., Professor, UTHealth Houston School of Public Health

Topic: Academia Life in Research, Teaching, Services

Speaker: Grace Hsuan-Chen Liu (劉軒辰), Ph.D., Technical Account Manager

Topic: Career Development Pathway – From Bench Side to Corporate

Speaker: Barry Jian-Yuan Li (李建元), Ph.D., Research Scientist, Westlake Epoxy

Topic: Career Transition from Biotech to Chemical Manufacturing

2:30 pm - Health Session (健康講座)

5:30 pm Movement Disorders and Related Diseases (行動障礙及相關疾病)

Chair: Hue-Teh Shih (施惠德), M.D., M.P.H. Cardiac Electrophysiology

Speaker: Eugene Lai (黎志豪), M.D., Ph.D., Neurology, Houston Methodist Hospital

Topic: Parkinson's Disease and Parkinsonism

Speaker: Chi-Ying "Roy" Lin (林子穎), M.D., M.P.H., Neurology, Baylor College of Medicine

Topic: Non-Parkinsonian Movement Disorders (Virtual Presentation)

Speaker: Hue-Teh Shih (施惠德), M.D., M.P.H., Cardiac Electrophysiology

Topic: Orthostatic Hypotension/Syncope

2:30 pm - Business Management (商業管理講座)

5:30 pm Real Estate Investment and Management Elite Forum (房地產投資與管理菁英論壇)

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

Chair: Christi Yao (何真), President, GFCBW

Speaker: Steve Hsu (許文忠), Chief Executive Officer, Asian City Development

Topic: Houston Hotel and Commercial Real Estate Development (休士頓旅館與商業地產投資開發)

Speaker: Nancy Chen (洪良冰), GRI, Broker, President, Metro Prime Realty

Topic: Analysis of the Real Estate Market in the Houston Area (休士頓地區房地產市場分析)

Speaker: Michelle Young (畢鑑明), President, Top One Mortgage

Topic: Current and Future Mortgage Rate Trends (利率的走向)

Speaker: Amy Sung (宋秉穎), Esq., Fee Attorney, Stewart Title Company

Topic: Title Company - What does a title company do? (產權公司在地產交易、投資中能夠做的事)

Speaker: Ted Lin (林思德), Chief Executive Officer & Founder, StayCozy

Topic: From Landlord to Superhost: How to Build Your Real Estate Empire with Short-Term Rental Strategies

(從普通房東到超級房東-利用短租模式打造房產帝國)

**2023 Science, Engineering and Technology Seminar (SETS)
June 24, 2023 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:

- Energy Session Environmental Protection Nano & Composite Technology Accounting Session

Afternoon Sessions:

- Offshore Technology Biomedical Session Health Session Business Management

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

Note: Seating for lunch is not guaranteed for on-site registration

Category	Advanced Registration before 6/15/2023	On-Site Registration
<input type="checkbox"/> ACAP Member and Other Collaborating Organization Member (all sessions and lunch)	<input type="checkbox"/> \$65	<input type="checkbox"/> \$80
<input type="checkbox"/> Non-Member (all sessions and lunch)	<input type="checkbox"/> \$70	<input type="checkbox"/> \$85
<input type="checkbox"/> Student Member (all sessions and lunch)	<input type="checkbox"/> \$50	<input type="checkbox"/> \$65
<input type="checkbox"/> Member and Student ---- Sessions Only	<input type="checkbox"/> \$15	<input type="checkbox"/> \$25
<input type="checkbox"/> Non-Member ---- Sessions Only	<input type="checkbox"/> \$25	<input type="checkbox"/> \$35
<input type="checkbox"/> ACAP Annual Student Membership Renew	<input type="checkbox"/> \$15	<input type="checkbox"/> \$15
<input type="checkbox"/> ACAP Annual Regular Membership Renew	<input type="checkbox"/> \$50	<input type="checkbox"/> \$50
<input type="checkbox"/> ACAP Lifetime Membership Fee	<input type="checkbox"/> \$200	<input type="checkbox"/> \$200
<input type="checkbox"/> Conference Sponsorship	<input type="checkbox"/> \$___	<input type="checkbox"/> \$___
TOTAL	\$	\$

Please make check payable to **ACAP** prior to **June 15, 2023**, and mail to:

Yen Ting Chen, ACAP Conference Registrar
4527 Hickory Branch Ln., Sugar Land, Texas 774979

Online registration is available at: <https://www.acap-usa.org>