

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>



ACAP

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)

