



SPEE

SOCIETY OF PETROLEUM EVALUATION ENGINEERS

Newsletter

May 2022

President's Letter

The landscape has changed markedly since I prepared my Newsletter in January. Oil and gas prices have increased substantially. For many who have taken the oil and gas industry for granted, the recent world events have highlighted the importance of our industry, and the vital role it plays in society.

As travel has increased, with some aspects back to 2019 levels, we are looking forward to gathering for our Annual Meeting in June. The 2022 Annual Meeting will be held at the Vista Collina/Meritage Resort in Napa, California, June 12th to 14th. Please make your plans to join us in Napa for our first in-person Annual Meeting since 2019. **Attila Szabo** is the Chair of the Annual Meeting and has put together a wide-ranging program of speakers and activities. Andrea Bracho is fitting in superbly with her new position as our Administrative Assistant, and both she and Debbie Suter have been diligently working out all of the particulars and details. Thank you to all three for their hard work on the Annual Meeting. As a reminder, the deadline for hotel reservation and registration at the early-bird prices is May 10th. After this date, registration prices increase, hotel rooms at the special SPEE rate will be subject to availability and the hotel will start charging a one-night cancellation fee.

Our membership remains healthy despite the challenges faced by our industry and other professional societies. We have been fortunate to continue adding new members during this period. We are looking forward to the time when all Chapters can fully return to in-person meetings.

This is an ideal time for us to expand our membership. While our organization is proud of the high standards we maintain, you likely know several highly qualified individuals who, as of yet, are not members of SPEE. Please encourage your qualified friends and colleagues to apply for membership in SPEE.

Thank you to all the Directors, Committee Members and Local Chapter Officers who volunteer their time and efforts to make SPEE successful. If you would like to volunteer, please let me know.

I look forward to seeing you in Napa this June.

Joe Young
President



SPEE Annual Meetings

June 12-14, 2022 - Meritage Resort
Napa, California

June 18-21, 2023 - Gurney's Resort and Marina
Newport, Rhode Island

2022 Officers and Directors

Executive Committee

President Joe Young (Dallas)
Vice President Attila Szabo (Calgary)
Secretary-Treasurer Dean Sergent (Oklahoma)
Past-President Charles Boyette (Dallas)

Directors

Gregg Birrell (Europe)	Shane Hattingh (Europe)
Brenda Brown (Dallas)	Martin Hubbig (Europe)
Tad Fielder (Dallas)	Fred LeGrand (Denver)
Steve Gardner (Denver)	Zach Warren (Denver)

Bylaws Committees

Chair of Past Presidents Council Jennifer Fitzgerald
Qualifications Mark Reeves
Committee: Steve Blair, Danilo Bandiziol, Claudio Virues and Tad Fielder
Nominating Charles Boyette
Grievance David Gold
Committee: Dan Olds
Reserves Definitions Rawdon Seager
Committee: Shane Hattingh, Tim Smith, Jorge Faz, Rod Sidle and John Lee

Individual Appointments

Ethics Robert Green
Evaluation Parameters Survey Steve Hendrickson
Fair Market Value Dee Patterson
Internet Steve Gardner
Membership Fred LeGrand
Newsletter Coordinator Floyd Siegle
University Interface Marshall Watson
Historian Melissa Nance
Communications Karthik Revana
Recommended Evaluation Practices Dan Olds
Annual Meeting Advance Planning Tim Smith
Professional Registration Anna Hardesty
Monograph 5-Type Well Profiles Jennifer Fitzgerald
Technical Training Chuck Boyer
SPE OGRC Observers Stefan Krystosik/Rawdon Seager
COGEH (Canadian Oil and Gas Evaluation Handbook) Mike Verney
UNECE Expert Group on Resource Classification
CSRS (SRMS) Rawdon Seager/Robert Green

Chapter Officers - 2022

Asia Pacific

Chairman – Peter Stephenson
Vice Chairman – Nick Pink
Secretary – Hongfeng Wu

Calgary

Chairman – Larry Petropoulos
Vice Chairman – Tim Freeborn
Secretary – Colin Edie
Treasurer – Gary Metcalfe
Membership – Claudio Virues

California

Chairman - Brad DeWitt
Vice Chairman – Rick Finken
Secretary-Treasurer - Tom Walker
Membership -

Central Texas

Chairman –
Vice Chairman –
Secretary – Charles Price
Treasurer –
Membership –

Dallas

Chairman - John G. Davis
Vice Chairman – Colter Kazmann
Secretary-Treasurer - Michael Zuber
Membership – Stefan Krystosik

Denver

Chairman – Emily Miller
Vice Chairman - John Seidle
Secretary-Treasurer – Nicole Ford
Membership - Rhonda Gathers

Europe

Chairman – Jes Christensen
Vice Chairman - Tom Gunningham
Secretary-Treasurer – Gregg Birrell
Membership-Program – Victor Alcobia

Houston

Chairman – Jay Quinn
Vice Chairman – Deji Adeyeye
Secretary-Treasurer – Marylena Garcia
Program Chairman – David Fulford
Membership – Deji Adeyeye

Latin America

Chairman – Juan Rosbaco
Vice Chairman – Fabio Londono
Secretary-Treasurer – Diana Mancilla
Membership – German Moss

Midland

Chairman – Gail Hankinson
Vice Chairman –
Secretary-Treasurer –
Membership – Robert Green

Northern Rockies

Chairman – Rick Vine
Vice Chairman – Bonnie Percy
Secretary-Treasurer – Tom Hohn
Membership – Andrew Finley
Program Chairman – Bonnie Percy

Oklahoma

Chairman – James Sauseda
Vice Chairman - Aaron Anderson
Secretary-Treasurer - Steve Blair
Membership - Don Jacks
Program Chairman – Aaron Anderson



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The SPEE Newsletter is a quarterly publication of the Society of Petroleum Evaluation Engineers. News items, correspondence, address changes and advertising inquiries should be directed to SPEE headquarters in Houston, Texas.

Chapter News

Asia Pacific

Membership - 18

Calgary

The Calgary Chapter of SPEE moved forward with hybrid sessions in 2022 with both business meetings for January 25th and March 25th set up for in-person attendance as well as online participation. In both meetings we have had robust discussions regarding incorporating non-hydrocarbon products (specifically, helium, and hydrogen) into the COGEH. As well, it was noted in our informal forum that Canadian carbon taxes and credits were being captured within operating costs; however, in the future we would need to consider how to manage the cases where companies generate and hold credits.

Our first Technical Lunch meeting of 2022 on February 15 focused on the regulatory changes and challenges in Canada with a focus on the province of British Columbia presented by Keith Braaten of Braaten Petroleum Consulting. The topic for our Technical meeting on April 19 was entitled *ESG and the Changing Landscape of Emissions Reporting* presented by GLJ's Vice President, Sustainability, Ms. Colleen Sherry. Both of these meetings were hybrid meetings with members and guests attending in person and online.

Our final business meeting of the year and AGM is scheduled for May 26. These will be my last official duties as Chair of the SPEE Calgary Chapter. I'd like to thank the membership for the opportunity to serve the group, and the Executive for their focus through two years of COVID restrictions – excellent work, everyone. I will be canvassing for nominees to the new Executive over the next month leading up to the AGM.

*Meetings - 3rd Tuesday of each month except June, July and August.
Membership - 54*

California

Several California Chapter members have accepted invitations from other Chapters to join in monthly meeting presentations by utilizing online distance attendance. The California Chapter members are very grateful for these invitations.

Membership - 8

Central Texas

Membership - 23

Dallas

Dallas Chapter meetings continue to be held virtually. On March 10, Zack Warren, Founder and Managing Partner, Velocity Insight, presented *Oil & Gas Data is Different – Frameworks and Trends in Modernizing O&G Tech*. 110 registered to attend.

Our next chapter meeting is May 12 with Mr. Mark Bentley presenting *How to Design a Good Reservoir Model*.

The Dallas Chapter has discussed the potential for an evening happy hour/networking type event for members of the Chapter to provide some additional benefit for being a member of SPEE. This meeting is tentatively scheduled for May 2022.

To attract membership, the Dallas Chapter is offering attendance at online meetings free of charge or at a reduced rate to encourage attendance despite timing conflicts or location issues.

*Meetings - Semi-monthly except June, July and August.
Membership - 79*

Denver

The Denver Chapter of SPEE has held two meetings to date in 2022. The first meeting of 2022 was held virtually on February 2nd. Sherif Abdelrahman, MSc, EIT from Mosaic presented *Minimize Bias Using Consistent Corporate Processes*. There were approximately 53 in attendance.

The second meeting of 2022, also held virtually, was April 13th. Dwayne Purvis, P.E., Founder and Principal Consultant, Dwayne Purvis P.E., presented *An Engineer's Answers to an Honest Inquiry about Climatology*. There were approximately 40 in attendance.

The Denver Chapter will return to in-person meetings in July 2022.

Meetings - 2nd Wednesday of January, April, July, October and December

Membership - 86

Europe

Meetings - Four per year.

Membership - 40

Houston

25 SPEE members attended our combined meeting with SIPES in February. Tyler Priest, an associate professor of history at the University of Iowa and scholar of energy history, presented on Shell's Mars project. On March 16, members heard Derrick Turk speak about new methods in modelling for decision-making purposes. April's meeting had 17 attendees for Chris Dusek's discussion on energy policy.

The Houston SPEE Chapter will have its last meeting of the spring on May 4th. The local board has decided to heavily subsidize this meeting in an effort to bring attendance back to pre-COVID levels.

Meetings – 1st Wednesday of each month except June, July and August – Houston Petroleum Club.

Membership – 158

Latin America

Individuals from Latin America have been invited to join Dallas Chapter meetings virtually. To attract membership, the potential organization of different networking-type events for members of the Chapter to provide additional benefit of being a SPEE member was discussed.

Meetings – 3rd Thursday of each month

Membership – 15

Midland

The Midland Chapter's January meeting was held virtually on January 19 on *Winning Strategies for the Next Decade*. The speaker was Dwayne Purvis, P.E., and we had 22 attending including 14 non-members. All of our meetings for the last year have been held virtually to address Covid concerns. Our virtual meetings have been provided free of charge to all attendees since March of 2020. The Midland Chapter's March 2022 meeting at the Petroleum Club was our first in-person meeting in a year. Steven Beck from Ryder Scott in Houston was our speaker. His presentation was *A Breakdown on the Carbon Capture Value Chain*. Total attendance was 17 including 14 non-members. We plan to have our next meeting in person in May when John Fossum from Petrie Partners, LLC, will present *Riding the Wave of Consolidation*.

Meetings – 2nd Wednesday odd months at 11:30 a.m. – Midland Petroleum Club.

Membership - 21

Northern Rockies

Membership – 7

Oklahoma

The Oklahoma Chapter has held four virtual webinars for 2022 with a fifth scheduled for May. Thad Toupes, Haas Engineering, presented in February on the topic *Make Forecasts Great Again*. Thad discussed various methods and findings from b-factor analysis, flow regime analysis, and vintage corrections. Jason Reimbold, Managing Director, BOK Energy Investment Banking, joined us in March to give an industry outlook and presented results from BOK's 2021 A&D. Lastly, Dennis Kissler, Senior VP, BOKF Trading/Risk Management, spoke in April on the current state and outlook of oil and natural gas prices. Chris Atherton, CEO, Energynet, will close out the spring schedule in May to give us a market update with insights on trends and valuations.

The Oklahoma Chapter will take their usual break for the summer. The Oklahoma board will discuss moving meetings back to in-person luncheons in the fall.

Meetings – Monthly except June, July and August.

Membership - 33

Severe Sarcasm, Funny But So True

A man is flying in a hot air balloon and realizes he is lost. He reduces height and spots a man down below. He lowers the balloon further and shouts: "Excuse me, can you help me? I promised my friend I would meet him half an hour ago, but I don't know where I am."

The man below says: "Yes. You are in a hot air balloon, hovering approximately 30 feet above this field."

"You must be an Engineer," says the balloonist.

"I am," replies the man. "How did you know?"

"Well," says the balloonist, "everything you have told me is technically correct, but I have no idea what to make of your information."

The man below says, "You must be a planner."

"I am," replies the balloonist, "but how did you know?"

"Well," says the man, "you don't know where you are, or where you are going, and you have made a promise which you have no idea how to keep. The fact is you are in the exact same position you were in before we met, but now it is somehow my fault."

Such a Shady Coincidence

A lawyer and an engineer were fishing in the Virgin Islands.

The lawyer said: "You'd never believe it but I'm here because my house burned down. Everything was destroyed by the fire. But my insurance paid for everything."

"That's quite a coincidence," said the engineer.

"I'm here because my house and all my belongings were destroyed by a flood, and my insurance company also paid for everything."

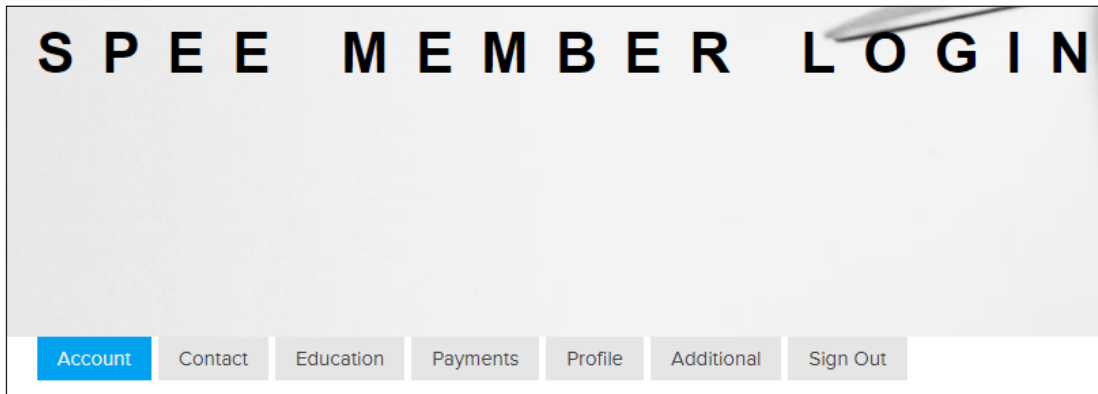
The lawyer looked somewhat confused.

"How do you start a flood?"

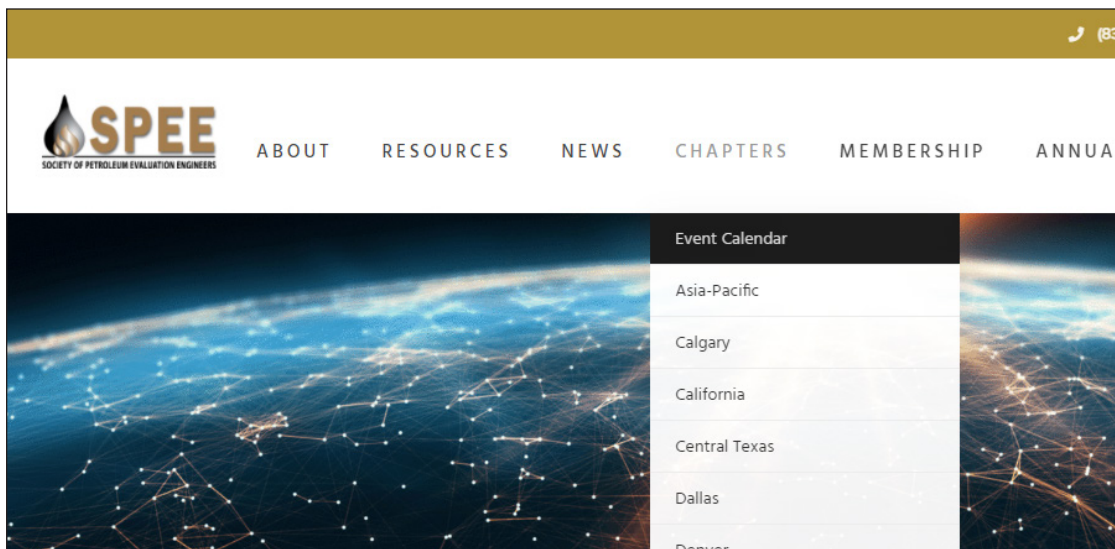
SPEE Website News

The new SPEE website has been in use now for several months, with minor adjustments as typos or other issues have been discovered. If you find any bugs or have other feedback, just let us know – and the more specific, the better! Please direct all website-related suggestions, comments, and questions to our group email inbox, info@spee.org.

As was mentioned in the last newsletter, please take some time to log on and review/update your member profile. Once signed in, you can update your contact information, add social media links, upload a photo for the membership directory, and much more (thanks to everyone who has already done it!). Another handy feature you'll see is the Payments tab, which gives a record of your payments and registered events since the time that the new website was rolled-out. No more having to remember what events you've attended or having to search through archived email looking for payment receipts! Also, as gentle reminder about membership dues for 2022, the final tier of late fees will kick in after June 30. You can view your membership status and pay your dues from the Account tab.



Finally, check out the Event Calendar periodically to make sure you don't miss any events that may be in your area or available virtually. To register for an event, begin by just clicking the event name directly from the calendar. For help setting up a new event, please contact debbie@spee.org or andrea@spee.org.



Steve Gardner
Internet Committee Chair



57th Annual Meeting

Continually improving science, technology, and methodologies constrained by regulatory, environmental, social, and governance pressures have significantly impacted the ability of our industry to economically compete. This meeting introduces new topics relating to carbon capture and storage, abandonment, and reclamation challenges and how technology has taken us down the path of predictive machine learning.

The SPEE Annual Meeting plans include a Saturday afternoon short course, a morning and afternoon short course on Sunday, as well as technical sessions on Monday and Tuesday. There will be opportunities to network and socialize during group and guest activities, social events, and the Monday evening Gala and Awards Dinner.

Dates



June 12 to June 14, 2022

Accommodations



The Vista Collina Resort & The Meritage Resort and Spa

Contact Us +832-972-7733

www.spee.org

andrea@spee.org



SPEE

SOCIETY OF PETROLEUM EVALUATION ENGINEERS

Short Courses

- ✓ SC1: Prospective Resources: Process, Terms, and Compliance - **Tom Scott**
- ✓ SC2: SEC Update: SEC Perspectives Update - **John Hodgkin (Tentative)**
- ✓ SC3: Carbon Capture, Utilization and Storage and the CO2 Storage Resources Management System - **Rawdon Seager**

Technical Sessions

- ✓ Applications of Machine Learning for Production Data Analysis: Premises, Promises, and Perils - **Dr. Srikanta Mishra**
- ✓ Monograph 5 Update - **Jennifer Fitzgerald**
- ✓ The Current State of ESG in Energy - **Dr David S. Ferris**
- ✓ PRMS Applications Guidelines Update - **Dan Olds**
- ✓ 2022 Survey of Parameters Update - **Steve Hendrickson**
- ✓ ASC Regulatory Update - **Craig Burns**
- ✓ SRMS Application Guidelines Update - **Scott Frailey**
- ✓ Addressing ARO/ADR Considerations - **Steve Hendrickson**
- ✓ Ethics Session - **Robert Green**

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The Ethics Column

Do You Remember New London, Texas?

Greetings, SPEE Members, from the desk of your new Ethics Committee chair. I stepped out of the Executive Committee role in January and before I could catch a breath, I had numerous requests for continued service in SPEE (International and Local), SPE and a college engineering advisory board. I thank the SPEE Members for allowing me to serve you on the Board and the Executive Committee. It was a big responsibility and honor to serve. So, when Joe Young asked me to serve again as the Ethics Chair, I was once again honored and accepted. I appreciate the work done by previous chairs and members of the committee. They have the resources and material well prepared and organized for use of our members. Thank you to them.

When we think about ethics and professional registration in Texas, we can trace the roots back to March 18th, 1937, in New London, Texas. The event that day became the catalyst for the founding of the Texas Board of Professional Engineers and Land Surveyors. I might add that one of our SPEE Members, Kathy Norwood, serves as a board member. The TBPELS also offers outreach training in ethics and a preponderance of their enforcement action involves a breach of ethics. So, we can see that Professional Registration and Ethics go together. They also require one hour of ethics continuing education training each year.

New London, Texas, is a small town, population 998, in Rusk County just south of Kilgore. It is right in the middle of the East Texas oilfield. They were known at the time as the richest school district in the nation and they built a modern, steel-framed, multi-story consolidated facility for the district. They brought into the school a two-inch gas line from the nearby oil field facility because it was free, and the operator just flared with no market or other use. They had gas heat and all the modern conveniences.

However, on March 18th, 1937, at 3:17 pm, the school exploded from a natural gas leak, leveling the building and killing 294 persons. No one was aware of the leak and the gas was colorless, tasteless and odorless. When the shop teacher turned on a belt sander, it ignited. The state mobilized all resources to the site. The New London explosion is still the worst school disaster in U.S. history. An entire generation was lost that day in New London, Texas, to this tragedy!

What did the society learn and what did they do about it? Was this a failure in engineering, design, installation, and/or ethics? That very same year, the Texas Legislature was so motivated to make changes that they immediately established the Texas Board of Professional Engineers and passed legislation requiring odorization of natural gas. The U.S. Federal Government followed with odorization requirements as well. In hopes of mitigating future tragedies, new engineering, construction and ethics standards evolved. When we as a society gain and implement additional knowledge and skills then we become more responsible ethically.

Robert Green
Ethics Chair



Things to do in or near Napa

If you are planning to attend the 2022 Annual Meeting in Napa the following are links for things to do in or near Napa before or after the conference.

https://www.visitcalifornia.com/places-to-visit/downtown-napa/?gclid=EAlaIQobChMlo7jErvLB9wIVXD2tBh35Tw8AEAAAYASAAEgKAgvD_BwE

<https://www.visitnapavalley.com>

<https://www.visitnapavalley.com/blog/post/top-free-things-to-do-in-napa-valley/>

Welcome New Members

Dallas Chapter

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C.A.B.A, Buenos Aires
Argentina
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Talley, Jr., Richard Bates **Member No. 1075**
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