

# Newsletter

August 2024

# Gresident's Letter

I hope this message finds you well. I am excited to share the latest updates and news from the Society of Petroleum Evaluation Engineers.

First and foremost, I want to extend my congratulations to **Tad Fielder** for his leadership in organizing the annual meeting in Avon, Colorado. The event was a tremendous success, featuring a wide variety of short courses and technical sessions. Thanks also to all the speakers and instructors who made these sessions and courses possible. The gala dinner celebration was enjoyed by all, and a wide variety of social activities were provided for both young and old! We also want to acknowledge and thank all our sponsors for their generous support, which was instrumental in making the event possible. Of course, we also recognize Andrea Bracho for her dedication and hard work to make the annual meeting a success!

One person who has been behind the scenes in making our annual meetings a success is **Tim Smith**. Tim is rolling off as chair of the Annual Meeting Advanced Planning Committee. **Jennifer Fitzgerald** will be assuming those duties as chair. Tim, we can't thank you and your wife Lynn enough for your efforts and attention to detail in scoping out potential annual meeting locations!

This year at the gala dinner celebration, we had the honor of recognizing several outstanding individuals for their contributions to SPEE. Congratulations to Attila Szabo for receiving the Past President's Award, to Jennifer Fitzgerald for receiving an Award of Appreciation, and to Rick Krenek who received an Honorary Lifetime Membership Award for his commitment and ongoing service to SPEE. The full citations are presented at the end of this article.

During the business meeting at the opening of the technical sessions, I covered several important topics.

I am pleased to report that SPEE's finances are in great shape, and our membership has remained strong even through COVID



and beyond. We continue to have over 100 volunteers contributing their time and expertise to our organization.

Looking ahead, I would like to highlight several of our SPEE initiatives:

- Monograph 5: Publication is in the final phases of review prior to publishing.
- 2024 Software Symposium: October 16, 2024 Oxy Tower – The Woodlands
- Marketing Strategy Assessment: The Board of Directors is completing a marketing strategy assessment. More details to come.
- By-Laws Amendments: Later in this newsletter, you will find information regarding proposed By-Laws amendments from the Board of Directors. There will be a 30–60-day comment period. A ballot for a formal vote will be available after the comment period, and voting will conclude by the end of the year.

Next year, our annual meeting will be at Hilton Head Island, South Carolina. Mark your calendars now for June 7-10, 2025!

As you know, this year marks our **Golden Birthday Celebration** — 62 years since SPEE was formed in 1962.

SPEE International will be providing funds for chapters to host various gatherings to celebrate this occasion and invite new members to learn more about SPEE.

Last month, I gave a talk to the SPEE Europe Chapter entitled 21st Century Energy: The Inherent Challenges

## 2024 Officers and Directors

#### **Executive Committee**

President	Dean Sergent (Oklahoma)
Vice President	Tad Fielder (Dallas)
Secretary-Treasurer	Steve Gardner (Denver)
Past-President	Attila Szabo (Calgary)

#### **Directors**

Amna Ali (Europe)
Federico Dordoni (Dallas)
David Fulford (Houston)
Steven Golko (Calgary)
Christina Hilton (Dallas)

Martin Hubbig (Europe) Larry Petropoulos (Calgary) Lucas Smith (Houston) Zack Warren (Denver)

### **Bylaws Committees**

Chair of Past Presidents Council	Jennifer Fitzgerald
Qualifications	Mark Reeves
Committee: Danilo Bandiziol, Claudio Virues, Mike Verney, and German Moss	
Nominating	Attila Szabo
Grievance	David Gold
Committee: Dan Olds	
Reserves Definitions	Rawdon Seager
Committee: John Lee, Dan Olds, John Ritter, Jennifer Fitzgerald, and Paul Lyford	

#### **Individual Appointments**

Ethics	Robert Green
Evaluation Parameters Survey	Federico Dordoni
Fair Market Value	Dee Patterson
Internet	Steve Gardner
Membership	Zack Warren
Newsletter Coordinator	Steven Golko
University Interface	Marshall Watson
Historian	
Communications	
Recommended Evaluation Practices	Dan Olds
Annual Meeting Advance Planning	Tim Smith
Professional Registration	Anna Hardesty
Monograph 5-Type Well Profiles	Jennifer Fitzgerald
Technical Training	Larry Petropoulos
SPE OGRC Observers Stefan	n Krystosik/Rawdon Seager
COGEH (Canadian Oil and Gas Evaluation Handbook)Mike Verney	
UNECE Expert Group on Resource Classification	Danilo Bandiziol
CSRS (SRMS)Ra	wdon Seager/Robert Green



Admin Assistant Andrea Bracho andrea@spee.org Web Admin Kyle Fitzgerald fitz@fitz.family 20333 State Highway 249, Suite 200 Houston, Texas 77070 Office: 832.972.7733 www.spee.org

Newsletter Editor
Diane Pollard
diane.w.pollard@gmail.com

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 Officers - 2024**

#### Asia Pacific

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

#### Calgary

Chairman – Steven Golko Vice Chairman – Brenda Kurtz Secretary – Caroline Kauffmann Treasurer – Claudio Virues Membership – Jason Pacholko

#### California

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

#### **Central Texas**

Chairman -Vice Chairman -Secretary -Treasurer -Membership -

#### **Dallas**

Chairman - Michael Zuber Vice Chairman – Secretary-Treasurer - Jordan Lanig Membership – Stefan Krystosik

#### Denver

Chairman – Nicole Ford Vice Chairman - Rhonda Gathers Secretary-Treasurer – Jeff Clampitt Membership - Lindsey Stelmach

#### Europe

Chairman – Gregg Birrell Vice Chairman - Victor Alcobia Secretary-Treasurer – Amna Ali Membership-Program – Danilo Bandiziol

#### Houston

Chairman – David Fulford Vice Chairman – Secretary-Treasurer – Victor Abu Program Chairman – He Zhang Membership – Marylena Garcia

#### Latin America

Chairman – Oscar Valbuena Vice Chairman – Rafael Cavero Secretary-Treasurer – Pablo Gentil Membership – Gustavo Fernandez

#### 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 - Kaleb Eussepi Membership - Don Jacks Program Chairman – John Tellers

#### Continued from page 1

to Provide Affordable, Reliable, Sustainable, Secure, and Responsible Energy through the End of the Century. Together we celebrated SPEE's Golden Birthday with some delicious chocolate cake! Thanks to all in the Europe Chapter who made the evening possible! We look forward to having similar celebrations with other chapters in the coming months!

And finally, we extend our gratitude to all the volunteers who make this organization successful. We hope to see you in Houston this October for the 2024 Software Symposium, and I encourage you to enjoy your Golden Birthday celebrations this fall!

Dean Sergent 2024 President



#### **2024 SPEE AWARDS**

#### Attila Szabo - Past President's Award

In recognition of Outstanding Contribution as the 2023 President of the Society of Petroleum Evaluation Engineers, service on the SPEE Board of Directors, and past Chair of the Calgary Chapter.

#### **Jennifer Fitzgerald – Award of Appreciation**

In recognition of your leadership, significant contribution and dedicated service on the Monograph 5 Committee – serving as chair of that committee since 2020, providing training, and giving presentations on Monograph 5 over the past several years. Also, in recognition of your service as chair of the SPEE Council of Past Presidents.

#### Rick Krenek - Honorary Lifetime Membership

In recognition of your significant and dedicated service to SPEE throughout more than 22 years of membership which included serving various officer positions in the Dallas Chapter, chairing the Internet Committee in the early stages of the website, chairing the Parameter Survey Committee, and for continued service on the Executive Committee, ultimately serving as President. As Chair of the Council of Past Presidents, you led changes to the By-Laws in 2018, provided guidance in developing the grievance process, and updated the SPEE long-range plan. You currently serve on the Monograph 5 Committee as the primary author, working tirelessly to bring the project to completion. You exemplify what it means to serve, always giving of yourself to better the SPEE organization. Your tireless dedication and efforts are an example to others, representing the core of SPEE's goals and principles.



# SPEE Annual Meetings

June 7-10, 2025 - The Westin Hilton Head Island Resort and Spa Hilton Head, South Carolina



#### **Asia Pacific**

Technical meeting held at RISC's West Perth office on June 10th to review potential changes to PRMS, discussion led by Paul Lyford. Main topics shown are below, with good discussion around each of them.

- ESG
- Economic vs Commercial
- Sub-classes
- Dev not Viable vs Unrecoverable?
- Aggregation
- Incremental Method
- · Guidelines vs Rules
- Flowcharts
- Superfluous Terms
- Carbon Price
- Non-hydrocarbons
- Best Practice?
- CiO
- Ethics
- Anything Else?

Next technical meeting is planned for August/ September 2024. Agenda TBD.

Membership - 26

#### **Calgary**

The Calgary Chapter of the SPEE held its AGM on May 21, where a new Executive Committee was voted in consisting of Tim Freeborn (Past Chair), Steven Golko (Chair), Brenda Kurtz (Vice Chair), Claudio Virues (Treasurer), Caroline Kauffmann (Secretary), and Jason Pacholko (Membership Coordinator).

The Calgary Chapter currently holds its Business Meetings at Sproule's office, while technical luncheons are hosted at the Calgary Petroleum Club.

The next scheduled event for the Calgary Chapter will be a technical luncheon on Tuesday, September 17.

Meetings - 3rd Tuesday of each month except June, July and August. Membership - 51

#### California

California Chapter members continue to attend meetings, presentations and events of other Chapters virtually.

Membership - 7

#### **Central Texas**

Membership - 22

#### **Dallas**

All Dallas Chapter meetings in 2023-24 will be inperson at the Brookhaven Campus of Dallas College. Luncheon meetings are held from 11:30-1:00 pm. Speaker starts at noon.

The Dallas section held an in-person meeting at Dallas College Brookhaven Campus on May 16. The speakers were Brian Sullivan and Deacon Marek of Hass & Cobb Petroleum Consultants. The topic for this presentation was: Waterflooding and Unitization 101. They covered the engineering aspects of waterflooding. This included factors affecting waterflood success, and how to quantify and manage those factors. They also discussed expected waterflood recovery factors for various reservoirs. They also talked about the unitization process in Texas, including the requirements and benefits of unitization. There were 20 attendees.

We are currently conducting a search to fill two section officers slots.

Meetings – Semi-monthly except June, July and August. Membership – 78

#### Denver

The Denver Chapter held an in-person luncheon on April 12th at the Wynkoop. Fred LeGrand and Dave Faulder led the technical discussion with *A Brief History of the US Geothermal Industry and Emerging Technologies*. Attendees: 18 members, 13 guests, 31 total.

The Denver chapter also held an in-person luncheon on July 10th at Oxy's office. Lachlan Hughson led the discussion on *Enhancing O&G Budgeting/Valuation/M&A Using a Probabilistic Approach*. Attendees: 18 members, 15 guests, 33 total.

Additional events included the annual Membership Workshop that was held in April at Oxy's office. It was a successful event that brought prospective members together with the current membership to support and provide resources for those interested in the SPEE application process. The Denver chapter will host the annual Soiree for members and guests in September at the Wynkoop. We anticipate 40 attendees.

Meetings - 2nd Wednesday of January, April, July, October, Dec Membership – 82

#### **Europe**

The European Chapter had a special session on July 9th entertaining our SPEE president Dean Sergent. Dean gave a presentation entitled *The Inherent Challenges to Provide Affordable, Reliable, Sustainable, Secure and Responsible Energy throughout the End of the Century.* Like most of our visitors, Dean was probably expecting a visit to one of London's famous pubs after a thorough grilling by the European Chapter on the subject of SPEE comment letters. Instead, Dean was presented with a rich chocolate cake which he duly cut in celebration of the SPEE golden birthday. After the sugar hit, the assembled membership decided to return home rather than risking adding a libation to the mix.

Meetings - Four per year. Membership - 43

#### Houston

The Houston chapter's monthly meeting occurred on May 1st at the Petroleum Club of Houston with a presentation by Linhua Guan, CEO of Surge Energy, entitled *From Surviving to Thriving in the Pandemic World*. The Houston chapter does not hold meetings in June, July, or August, so our next meeting will be on September 4th, with John Hodgin of the SEC as our speaker.

Meetings – 1st Wednesday of each month except June, July and August – Houston Petroleum Club. Membership – 154

#### **Latin America**

The Latin America chapter is having Officers' meetings every two months and currently is having presentations/technical discussion sessions each three-four months.

The last presentation was on March 20, given by Dilhan Ilk: A Survey on Diagnostic Based Methods for Well Performance Analysis and Production Forecasting in Unconventional Reservoirs. It was a mix in-person and online open event attended by around 30 persons.

Meetings – Officers' meeting every two months and all members' meeting every four months.

Membership - 18

#### Midland

The Midland Chapter's May 15th meeting was held at the Petroleum Club of Midland. The speaker was Doug McMaster of ComboCurve, and his presentation was titled: Higher Accuracy during Early Time Production Forecasting in the Delaware Basin. A total of 15 attended, which included 10 non-members.

The next scheduled meeting for the Midland Chapter will be September 18. The speaker will be Samuel

Rogers of RevSolv Corp, and he will speak on *Al and the Digital Revolution in Oil and Gas*.

Meetings – 2nd Wednesday odd months (except July) at 11:30 a.m. – Midland Petroleum Club. Membership - 18

#### **Northern Rockies**

Membership - 7

#### **Oklahoma**

Daniel Kohl was the speaker at our May 21st luncheon for our yearly *Market Update*. Dan Kohl is Co-Head and Managing Director of Opportune. 20 people attended the meeting of which 7 were members, while 3 people joined via zoom of which 1 was a member. The Oklahoma chapter did not plan any meetings for the summer months but plans to start back up in September.

Meetings –Every other month. Membership - 38

## **Volunteer Sponsor Pool**

SPEE is looking for dedicated members to join our Volunteer Sponsor Pool!

As a volunteer sponsor, you will play a vital role in helping new applicants complete their membership applications. By joining this pool, you will be part of a select group of members we reach out to whenever an applicant needs assistance securing their sponsorship.

#### **Role of a Volunteer Sponsor:**

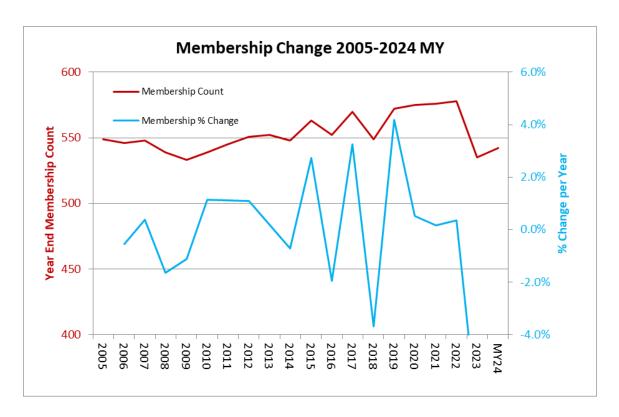
- Interview the applicant to understand their background, qualifications, and commitment to SPEE.
- Provide feedback and insights about the applicant by filling out a sponsor form.
- Provide information to the Qualifications Committee about the applicant's eligibility under the SPEE By-Laws.

If you want to become a volunteer sponsor, please contact Andrea Bracho at andrea@spee. org to join the pool.

Thank you for your continued support and dedication to SPEE!

# **Membership Report**

Total membership count as of June 1st was 542 consisting of 429 General members, 83 Retired, 19 Associate, and 10 Lifetime. Membership numbers continue to hold steady over the long haul. We did some cleanup of the rolls at year-end 2023, and are starting to see increases again YTD.



#### Key items:

- SPEE has weathered the combined storms of the late 2010's downturn and COVID quite well. Compared to
  other O&G-oriented professional societies, our membership has stayed quite steady, which is a credit to our
  focused mission and dedicated long-time members.
- Over the long haul, it's clear that our non-North American chapters are playing an increasingly important role in the makeup of our members and volunteers. Our European, Asia Pacific, and Latin American chapters now account for a total of over 15% of total membership vs. less than 5% a decade ago.
- Our average age remains stable at an average of 60 years. We are seeing signs of the "Great Crew Change" show up in our membership statistics, as the number of 30- and 40-somethings is rising.
- Our youngest member is 31, while our oldest is 93 years young.
- The trends of our organization continue to become more diverse in age, sex, and country of origin.
- We conducted a survey of members who recently cancelled their membership. The feedback was overwhelmingly positive – SPEE is serving its members well in terms of education, networking, and opportunities for professional service.
- Some new initiatives include working with chapters to hold social events, increasing email outreach to candidates, and maximizing our use of LinkedIn.

We consistently hear that the main reason new members join SPEE is because someone personally invited them to apply. If SPEE has been good for your career, please remember to encourage your colleagues to join!

Zack Warren Membership Chairman



# 2024 SOFTWARE SYMPOSIUM

Experiences in Automated Forecasting

Come join us for our fifth Software Symposium since 2000, and our first since 2018! Previous symposia have made big waves in the industry, and we expect this one will as well. Advancements in computing power, data management and forecasting algorithms have led to a wave of innovation for automated production forecasting. This year's symposium will gather together oil and gas industry experts, software vendors and a large group of users to discuss the continued advancement of forecasting workflows.

#### ON THE AGENDA

- Industry survey results on the usage and opinions of automated forecasting.
- A walk down memory late and the beginnings of decline curve analysis.
- Advance topics on current analysis and the future of automated forecasting techniques.
- A comparison of commercially available forecasting and economic analysis software

#### **DETAILS**

DATE: Wednesday, October 16th 2024

**TIME:** 8:00 a.m. to 4:00 p.m.

**LOCATION:** Oxy Tower -

The Woodlands, TX

COST: \$40 Members / \$50 Non-Members

#### THE EXPOSITION

We will have dedicated time throughout the day to visit vendor display booths and see software demonstrations from our participating sponsors. This is a great opportunity to ask questions and find out where the industry is going in terms of smarter and more efficient workflows that fit your company's needs.

#### THE "BAKE OFF"

The highlight of the Software Symposium is the comparitive analysis of commercial software available to the oil and gas indusry. A common production dataset for auto forecasting and another input dataset for economics will be distributed to the participating vendors. The returned submissions will be analyzed and compared by our technical program committee who will then present the results at the symposium.

If your company is interested in sponsoring, participating as a vendor in the comparitive study or if you are interested in volunteering on the committee, please reach out to us!

#### THE COMMITTEE

Chair - Lucas Smith Vendor Liaison - Zack Warren Technical Program - John Wright, David Fulford, Steven Golko Publicity - Christina Hilton

#### **CONTACT US**

symposium@spee.org

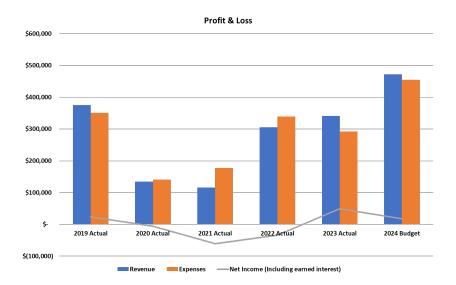


https://spee.org/2024-softwaresymposium/

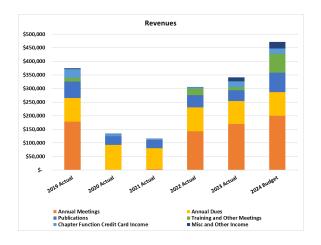


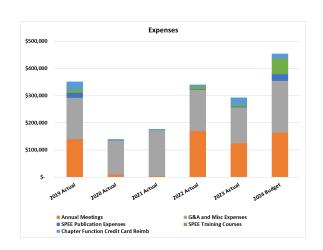
# **Financial Summary**

The financial health of SPEE International continues to be very strong, with net assets in excess of \$500,000. As a strategy, the Society targets a balanced annual budget, and data through mid-year suggests things are on track or slightly positive for 2024. The chart below shows financial performance since 2019, highlighting that SPEE International has returned to operating at a profit since the end of the pandemic. As approved by the Executive Committee, the majority of cash reserves are invested in U.S. Treasuries in a ladder structure that allows for easy access to cash, while still keeping investment risk near zero. Proceeds from these investments help provide a safety-net against underestimated annual expenses and greater flexibility to fund new initiatives that return value to the Society's membership.



The following charts summarize the principal sources of revenue and expenses over the last five years. Preliminary finances for the 2024 Annual Meeting show a small net gain, which was a result of careful planning to keep costs low while still aiming to break even. Publication and training revenues (and expenses) are projected to increase in 2024 due to the planned release of Monograph 5 as well as the Software Symposium scheduled in October. G&A costs have increased in 2024 mostly due to changes that bring the Society into greater compliance with employment and tax regulations. Miscellaneous revenues in 2023 and 2024 include investment income that was mentioned above





If you have any questions, feel free to contact me or other members of the Executive Committee directly.

# **Proposed Bylaw Changes**

#### Dear Member,

For your consideration, the details to the proposed bylaw changes are attached to this newsletter in two forms: (1) a red-line document showing the proposed changes, and (2) the proposed final new bylaw document. Please review the changes and send any comments to <a href="mailto:andrea@spee.org">andrea@spee.org</a> by October 1, 2024. For your convenience, the proposed updates are summarized below:

#### Proposed Revision 1.

#### Article VI. Ethics

#### Background

- Section 1 of this article refers to "Code of Ethics of Engineers as adopted by the Accreditation Board for Engineering and Technology (ABET) as shown in Appendix A".
- ABET no longer claims ownership of this code of ethics, and there is no reference on ABET's website to this document or any ethics document.

#### **Proposed Revision**

• It is proposed that the references the ABET be removed from the Bylaws and the SPEE adopt Appendix A as their own document.

#### Proposed Revision 2.

#### Article XVIII. Reserves Definition Committee

#### Background

 As currently defined, the purpose of the Reserves Definition Committee (RDC) "shall be to advise the Board of Directors, and to liaise with Society committees, other professional societies, governmental entities, and intergovernmental entities, on issues relating to petroleum reserves and resources definitions."

#### **Proposed Revision**

- With the increased focus on resources and energy other than petroleum, the RDC advised that the scope of their mandate be expanded to:
  - include resources and definitions related to the capture, utilization and/or subsurface storage of carbon dioxide or other greenhouse gases.
  - o The application of such definitions and guidelines
- It is also proposed that the RDC be renamed to the Reserves and Resources Definitions committee

Yours truly, Steve Gardner Secretary/Treasurer

# **Sometimes Ethics Are Applied To Companies**

Recently I ran across an article about the "World's Most Ethical Companies." The Ethisphere organization released their list of 2024 Honorees. Globally that list contains 136 organizations from 44 industries in 20 countries. The list purports that these organizations are "Setting the Standard for Ethical Business." The list can be searched by industry and my search for Oil and Gas produced two companies. Does that suggest that no other organizations in Oil and Gas qualify? By no means! Reading further I learned that an organization must apply for this honor. However, searching for Energy Industry produces eight companies in the utility sector. So I presume that the Oil and Gas companies simply don't apply.

The application/evaluation process measures performance in five areas which are evaluated into an Ethics Quotient. Those five areas are:

- 1. Third-Party Management
- 2. Ethics & Compliance
- 3. Environmental & Social Impact
- 4. Culture of Ethics
- 5. Governance

The application process is very thorough, and they can help your organization through it as well as making changes within the organization. One of their key takeaways is that Ethisphere has tabulated data that we believed all along, concluding that "Good Ethics makes Good Business!" They have 18 years of data and concluded that organizations on the list outperform their peers and competitors by 12.3% over a five-year period! Surely this has established a business culture within these organizations that fosters ethical behaviors and good business. How can we apply this back to members of the engineering community and SPEE?

Referring to our SPEE-Bylaws Appendix A, we have "Code Of Ethics For Engineers." That code is divided into two categories: Fundamental Principles and Fundamental Canons. Under Fundamental Principles, the code explains that "Engineers uphold and advance integrity, honor and dignity of the engineering profession by ..." It goes on to cite principles or behavior. The Fundamental Canons refer to the general laws, rules, principles, and criterion by which the engineer is judged.

Referring back to the evaluation criteria of The World's Most Ethical Companies, there is complete alignment between their Evaluation Framework and the Code of Ethics for Engineers. Ethical engineers and ethical companies make for good business and social responsibility.

Robert E. Green SPEE Ethics Chair





We had an incredible time at the 2024 Annual Meeting in Avon, CO at the picturesque Westin Riverfront Resort & Spa. Over 100 attendees joined the Technical Meetings, including 77 members and 34 non-members. Plus, we were thrilled to have 67 spouses, guests, and 17 lively kids who added an extra layer of excitement to the event!

Our Annual Meeting attendance continues an upward trend, with increased participation in the short courses and activities. The three short courses were well-received, drawing in 119 participants. Meanwhile, the seven activities over four engaging days attracted 125 eager attendees.

The three short courses included:

- Monograph 5: A Practical Guide to Type Well Profiles by Jennifer Fitzgerald and Rick Krenek
- SEC: New Securities Act Requirements by James Gordon and Doug Rand
- CCUS, 45Q Tax Credits and Monetization by Dawn Lima

We also held productive meetings over the weekend, including sessions by the Board of Directors, Council of Past Presidents, and Reserves Definition Committees.

Dean Sergent, SPEE's 2024 President, kicked off the Technical Meeting with the 2024 SPEE business highlights. We received updates on the Financial Report, Membership, Organizational Structure, and exciting SPEE Initiatives such as the 2024 SPEE Software Symposium and the SPEE Golden Birthday Celebration. Gideon Powell gave a dynamic presentation, "Bitcoin Miners: The Next Wildcatters." We also gained valuable insights from William Peltier on "Merger and Acquisition Insights" and Federico Dordoni's "43rd Annual Survey of Parameters Used in Property Evaluation." Dr. Shahab Mohaghegh concluded Monday's session with a talk on "Artificial Intelligence Reservoir Simulation and Modeling."

Technical sessions began on Tuesday with two representatives from Colorado School of Mines. First Dr. Ian Lange shared "Energy Policy from an Insider's Perspective" and then Dr. Luis Zerpa presented "Trends in Enhanced Oil Recovery Methods for Unconventional Reservoirs." Deb Ryan discussed "Forecasting Future Price Driver: Carbon Intensity," and Lucas Ford enlightened us on the "Evolving Role of Data Management and Data Analytics in Reserves." Molly Vogt concluded Tuesday's technical sessions with her presentation, "Ethical Dilemmas of Energy Production."

Social activities were planned to allow attendees with a wide range of ages and interests to experience local indoor and outdoor fun. On Saturday morning, golf enthusiasts tackled the dramatic elevation changes at Eagle Vail Golf Club, while the adventurous went whitewater rafting on Sunday



afternoon. The Welcome Reception on Sunday evening was a delightful gathering on the resort's stunning Riverfront Terrace and Riverfront Lawn.

Monday's activities included a tour of the Betty Ford Gardens, fly fishing with Vail Valley Anglers, and a relaxing wine tasting at the hotel. The Gala and Awards Dinner on Monday night was a grand affair in the Riverfront Ballroom, featuring delicious, seared trout and other local delights, with musical entertainment by The Turntable Revue.

Dean Sergent presented well-deserved awards:

- Jennifer Fitzgerald received an Award of Appreciation for her leadership in the SPEE Monograph 5 Committee.
- Rick Krenek was honored with a Life Member Award for his 22 years of dedicated service.
- Attila Szabo received a plaque for his outstanding contributions as the 2023 President of SPEE.

Tuesday morning offered a creative outlet with a Silk Scarf Painting activity led by Alpine Arts Center. Later, attendees and guests enjoyed boating and other outdoor fun during the Day in the Water at Nottingham Park.

I would like to thank the Short Course instructors and the Technical Meeting presenters! They did a great job and provided attendees with great presentations and thought-provoking content! I would like to give a special Thanks to our SPEE Administrative Assistant Andrea Bracho for her great help and work throughout the year to plan and execute the Annual Meeting. I would also like to thank the SPEE Executive Committee and Board of Directors for their support and work to make the event a success.

Finally, thank you to the sponsors, whose support greatly contributes to the success of the Annual Meeting and the continued success of the Society of Petroleum Evaluation Engineers.

We can't wait to see you all in Hilton Head, SC, in 2025!

Tad Fielder 2024 Vice President and Annual Meeting Chair

























ORDER LEFT TO RIGHT: LUCAS SMITH (DIRECTOR), FEDERICO DORDONI (DIRECTOR), STEVEN GOLKO (DIRECTOR), ZACK WARREN (DIRECTOR), DEAN SERGENT (PRESIDENT), TAD FIELDER (VICE-PRESIDENT), STEVE GARDNER (SECRETARY-TREASURER), AMNA ALI (DIRECTOR), LARRY PETROPOULOS (DIRECTOR), DAVID FULFORD (DIRECTOR), CHRISTINA HILTON (DIRECTOR)















