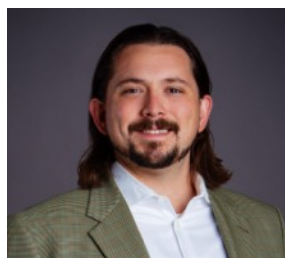


Los Angeles Basin Section Society of Petroleum Engineers

Recipient of the SPE President's Section Award for Excellence & a SPE Gold Standard Section

A Message from the Chair

Golf Tournament Success, O&G Personnel in demand, CO₂, California Oil Profit Legislation



Dear Colleagues,

It was great seeing people at this year's golf tournament. The 2023 LA Basin SPE Scholarship Golf Tournament was held on April 21 at the Navy Golf Course. The tournament was a great success and raised funds for local youth scholarships. We hope everyone who participated enjoyed it and

greatly appreciate everyone who helped us raise money, donated prizes, and purchased raffle and 50/50 tickets.

I have long argued, as many reading this have, that even as the energy industry moves toward a net-zero carbon economy the personnel and knowledge in the traditional oil & gas industry will remain in demand CCUS, hydrogen storage, and characterization of geothermal formations.

Despite decades of CO₂ injection in Norway, there are no EOR projects in Europe, read more about the differences of CO₂ injection projects in Europe when compared to American and Canadian CO₂ projects. With all the potential benefits and challenges of using hydraulic fracturing for steam injection (HFSI) in the oil and gas industry, more research and development is needed to assess the feasibility and impact of the technology. Texas can reduce emissions through carbon capture, utilization, and storage (CCUS) but there is a lack of regulatory and policy support to advance the technology. A study using simulations

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**The LASPE Technology in Person Meeting
will be Tuesday May 9th at 11:30AM, at The Grand in Long Beach
"Optimization of Oil Field Operations and Engineering Decision Quality with Aerial
Data"
presented by Winston Seiler, KCSI Aerial Patrol, Inc.**

See page 3 for Details

recently published in *Geophysical Research Letters*, suggests CO₂ will remain deep in the subsurface for millions of years, even if the overlying low-permeability rocks were fractured.

Despite a decline in oil profits when compared to the peaks seen in late 2022, oil majors and their service providers continue to see huge profits, even as the price of oil has continued to decline for six months. Despite lobbying from WSPA and Chevron, California enacted a new law that gives state regulators the power to penalize oil companies for making too much money.

Energy production continues moving toward clean energy, with nearly 40% of electricity coming from non-fossil fuel-based energy sources. This doesn't mean that the transition will continue to be seamless; the International Renewable Energy Agency (IRENA) published a report in March estimating that \$35 trillion in investments will be needed to meet the goals of the Paris Agreement.

South Korea-based LowCarbon and Florida have entered into a MOU to build a blue hydrogen plant in Polk County Florida

The Society of Petroleum Engineers (SPE) Board of Directors announces that Simon Seaton has been hired for the position of chief executive officer. Also, likely as a cost saving measure, SPE has announced it will merge all journals into the already existing SPE Journal.

Finally, SPE LA Basin continues to seek interested professionals to join the board; please email me if you are interested in helping in any capacity.

Sincerely,

Andrew López
SPE LA Basin Section Chair 2020-2023
aslopez@burnsmcd.com

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LASPE Website

[connect.spe.org/
LosAngelesBasin/Home](https://connect.spe.org/LosAngelesBasin/Home)



The LASPE Technology Meeting is In Person
Tuesday May 9th at 11:30 AM,
The Grand
4101 E Willow St, Long Beach, CA 90815

**“Optimization of Oil Field Operations and Engineering Decision
Quality with Aerial Data”**

Winston Seiler
KCSI Aerial Patrol, Inc.

For more information contact Ted Frankiewicz using email
tcfrankiewicz@gmail.com

Meeting/Lunch is \$35 for members and \$10 for students

Abstract:

Aerial data, including high resolution aerial imagery, gas leak detection, and thermal imagery provides added value to focus and inform both operational and engineering decision making: updated maps show the currently existing infrastructure and elevation models for project planning; change detection; hydrologic and erosion monitoring; status updates can be provided for ongoing projects; wells with potential shallow casing damage are identified to prioritize casing integrity testing and workover queues; and gas leak detection surveys.

Biography:

Winston Seiler is a commercial pilot and former Geologist with 9 years of experience in the San Joaquin Valley, including Cymric, McKittrick, Lost Hills, and San Ardo oil fields in the San Joaquin and Salinas Valleys.





2023 SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT SUCCESS & REPORT

The SPE LA Basin Scholarship Golf Tournament was held on April 21st on THE NAVY DESTROYER COURSE in nearby Cypress. 76 golfers played in almost perfect weather. Thanks to our Scholarship Sponsor (Steve Shryock), our Lunch & Refreshment Sponsor (Raptor Wireline), and our 12 Corporate Player & Tee Sponsors, nearly \$7000 was raised for SPE Scholarships and for the support of STEM student Outreach programs.

The golfers competed for

- Low Gross and Low Net team scores (1st Place & 2nd Place)
- Longest Drive and Closest to the Pin prizes
- A 50/50 Cash Sharing prize and
- A number of raffle prizes.

On site raffle ticket sales and 50/50 Cash Matrix Square sales were robust this year thanks to our registration volunteers and the quality of the Raffle prizes. 36% of the competing players were prize winners of one sort or another.

<u>PRIZE</u>	<u>TEAM</u>	<u>SCORE</u>
1st Low Gross winning team	10:38 Black Gold	59
2 nd Low Gross winning team	9:38 Raptor Wireline	61
1 st Blind Bogey Net Score winning team	9:34 Schlumberger	66
2 nd Blind Bogey Net Score winning team	9:18 Schlumberger	69
Closest to the Pin winner – Men	Tyson Foianini	
Closest to the Pin winner – Women	Robyn Kagy	
Longest Drive winner – Men	Chris O'Brien	
Longest Drive winner – Women	Robyn Kagy	

2023 SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT *continues*

We extend a special thank you to JR Smoyer (Raptor Wireline) for the sponsorship of the Box Lunches and the on-course refreshments. We also thank Summitt ESP for their donation of a raffle prize and the chic-black golf towels given to each player. And we again thank the 12 corporations who sponsored a total of 18 player teams.

Another special thank you is extended to our on-site Tournament Volunteers: Kelly Frankiewicz, Andrew Lopez, Steve Cheung, Robert Schaaf, Matt Davis (USC SPE Student Chapter President), Cordoba Engineering staff Jose Guardado and Jorge Cervantes. Without their help, golfer check-in and raffle ticket sales would not have been a smooth and enjoyable experience for the players.

And finally, we thank Andrew Lopez, Ian Johncheck, and JR Smoyer for their dedicated efforts to bringing the Tournament to the attention of all those who contributed to or played in it.

Ted Frankiewicz
SPE LA Basin Scholarship Golf Chair

Photos of the happy event courtesy of Steve Cheung:



2023 SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT *continues*



LASPE SCHOLARSHIP PROGRAM

Dear fellow LASPE members and applicants,

It is the board of director's pleasure to announce the 2023-2024 scholarship program. The program aims to attract engineering students that are interested in a career in the Petroleum Industry. Our goal is to promote local interest in up-and-coming talent who will be the future of our industry. We want to encourage students to pursue science and engineering curriculums and to increase their awareness of future career opportunities. The LASPE awards scholarships to local university graduates, undergraduate students, and local high school students.

We want to thank all the companies, members and contributors who participate in our events, workshops, and activities. These activities and the funds generated are the lifeblood of our program that enables us to award scholarships to deserving students for years. Please pass along the scholarship announcement and application to a promising candidate if you know one. The LASPE scholarship committee will also reach out and spread the word to local universities.

For more information, contact:

LASPEscholarship@gmail.com or
briantran82@gmail.com

Awards available:

- Undergraduate Scholarships of \$1,000 each or more; USC, UCLA, UCI and Cal State Long Beach.
- Masters Students Scholarships of \$1,000 each or more, of which Bruce Davis Scholarship will be for the USC award, and others for top Masters Students at UCLA, UCI and CSLUB based on GPA and extracurricular activities. Contingent upon applicant pool.
- Graduate Student Awards for Excellence of \$1,000 each or more for the most outstanding contribution to the Oil & Gas industry. Can be project, paper, thesis, etc.
- Candidates who are relatives of SPE Members from outside local schools will be considered as long as they pursue a technical degree path towards the petroleum industry.

LASPE SCHOLARSHIP PROGRAM *CONTINUES*

The Scholarship committee will accept applications through August 31st. The awards will be presented to students at a special meeting in September or October.

Scoring Criteria and considerations:

Merit Based scholarship

High School, Undergraduate & Graduate Scholarships

PhD candidates only eligible for Awards of Excellence.

- Complete scholarship application
- Must be pursuing technical degree field
- Maintain full time academic load/full time student status for upcoming terms
- Active member of SPE (Student Chapter or L.A. Basin Section)
- Research Project, Paper, or Thesis – Synopsis/abstract attachment. 300 words max
- Internships served – When, Where & Duties
- Consideration for activity serving the industry and supporting SPEI section/chapter
 - Section participation
 - Industry event participation
 - Volunteerism at events
 - Attendance of workshops/meetings
 - Young Professionals
- Personal statement of interest in pursuing career in oil & gas industry – 100 words or less

This announcement and the scholarship application can be found online:

<https://connect.spe.org/losangelesbasin/home>

This is the LASPE Home page, then take the link to the scholarship program page.



PHOTOS FROM APRIL TECHNOLOGY MEETING

Photos from Andres Chavarria, Technical Director, LUNA-Optasens presentation of **Optimizing Well, Pipeline and Cable Operations with the use of Fiber Optic Sensing Technology**





Join us for the 2023 SPE Western Regional Meeting "Energy in Transition"

Registration is now open for the **2023 SPE Western Regional Meeting** taking place 22–25 May in Anchorage, Alaska.

Themed "Energy in Transition," the event will include technical presentations, opportunities for networking, and the chance to hear from industry thought leaders during panel discussions and keynote luncheons.

Register by 15 March to save with early-bird rates.

Group registration is available—get a 10% discount on groups of 10 or more. Email cwalsh@petroak.com to request a group reservation.

[CLICK TO REGISTER TODAY](#)



Welcome to the Energy Excellence Awards, the premier awards ceremony for the global energy industry.

Gulf Energy Information, the world's largest independent media company serving the energy industry, has announced the inaugural Energy Excellence Awards to recognize and celebrate cutting-edge technological developments and exceptional leadership in the industry.

This black-tie gala will bring together hundreds of upstream, midstream, and downstream innovators and industry leaders at the luxurious Post Oak Hotel in Houston, Texas, on October 11, 2023. This exclusive event will feature networking opportunities, entertainment, and recognition of the top performers in the industry, combining the respected World Oil Awards, Hydrocarbon Processing Awards, and Pipeline & Gas Journal Awards.

The awards will honor the best of the best in the industry, recognizing innovation and technological advancements across each market segment. Be a part of the celebration of excellence in the international energy market and join us at the Energy Excellence Awards.

[Information](#)

[SUBMIT NOMINATION](#)



Categories

Best Catalyst Technology
Best Petrochemical Technology
Best Refining Technology
Best Digital Transformation – Upstream, Midstream, Downstream
Best Completions Technology
Best Deepwater Technology
Best Oilfield Fluids and Chemicals
Best Drilling Technology
Best EOR Technology
Best Exploration Technology
Best Production Technology
Best Pipeline Integrity Technology
Best Coating/Corrosion Advancement Technology
Best Advancement in Maintenance Technology – Midstream
Innovation in Pipeline Engineering – Midstream
Best Controls, Instrumentation, Automation Technology
Modeling Technology
Operator of the Year – Upstream, Midstream, Downstream
Energy Leader of the Year
Large-cap Energy Firm of the Year
Mid/Small-cap Energy Firm of the Year
Energy Finance Provider of the Year
Energy Advisory of the Year
Energy Legal Services Provider of the Year
CCS/CCUS Project of the Year
Technology Licensor of the Year – Downstream & Midstream

People Awards

Lifetime Achievement – Upstream, Midstream, Downstream
Most Promising Engineer – Upstream, Midstream, Downstream
Energy Leader of the Year
DE&I in Energy

Project Awards

Energy Project of the Year – Upstream, Midstream, Downstream

HSE Awards

Best Health, Safety or Environmental Contribution – Upstream, Midstream, Downstream

Information

SUBMIT NOMINATION

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A Sustainable Solution to the Climate Change Dilemma—"Eliminate the Flare"

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Presented by Ms. Audrey Mascarenhas



Prediction of Oil Asphaltene Behavior based on Fluid Characterization

Contains 2 Component(s)

Presented by Artur Stankiewicz



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STUDENT CHAPTER REPORT



Conference, Event Recap. April 2023:

USC was able to have chapter representation at the following events in March.

- **April 7th: Aera Energy, Ventura Oil Field.**
- **April 14th: Chevron, Kern River Oil Field.**
- **April 21st: SPE LA Basin Golf Tournament.**

-

Field Trips, Upcoming Events. May 2023:

- **SPE Western Regional Meeting. May 22, 2023.**

SELECTED SPE UPCOMING EVENTS 2023

Date	Title
May 9, 2023 *	Optimization of Oil Field Operations and Engineering Decision Quality with Aerial Data presented by Winston Seiler, KCSI Aerial Patrol, Inc.
May 22-25, 2023	SPE 2023 WRM Anchorage, Alaska "Energy in Transition"
	* Asterisk * on a date indicates a Board of Directors meeting starts at 10:30 am prior to Petroleum Technology Luncheon. All are welcome to attend.

DEADLINES FOR NEWSLETTER ARTICLE SUBMISSION

Month Published	1st Submission Call	Last Submission Call	No Submissions Accepted After	Newsletter Publish Date
June	5/15	5/22	5/27	June 1
Sept	8/14	8/21	8/28	Sept 1



2022 - 2023 LASPE OFFICERS, BOARD & CONTACTS

Name	Position	E-mail
Andrew López	LASPE Chairperson 2020-2023	aslopez@burnsmcd.com
Open	Vice Chairperson	
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Vanessa Perez	Secretary - Board member through 2022	perezv28@gmail.com
Ian Johncheck	Board member through 2022	ianJohncheck@gmail.com
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Peter Yu	Board member 2023-2025	
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