

## 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

#### Upcoming Events, Oil Market and Geopolitics, Energy Transition



Dear Colleagues,

We have a lot going on ahead of summer and I hope you will be able to join us. Please check out the activities at the end of this article for details. **Please join us for in-person events!**

The UK government is set to [extend the oil and gas windfall tax](#) this week, reflecting the ongoing global dialogue on energy taxation and its implications for the industry. Meanwhile, Wood Mackenzie has [shaved 1 million barrels per day off its global oil demand forecast](#), indicating shifting dynamics in oil consumption. Additionally, [energy-related emissions hit a record high last year](#), highlighting the ongoing challenge of balancing energy needs with environmental concerns.

In Russia, [low refining capacity and sanctions](#) are responsible for the country's oil output cuts, underscoring the complex interplay between geopolitics and energy production. In the United States, Congress has tabled a bill to [block China from purchasing oil from the Strategic Petroleum Reserve \(SPR\)](#), reflecting the strategic importance of energy reserves in international relations.

India is looking to bolster its energy infrastructure, with expectations of a [\\$5 billion investment in natural gas pipelines](#) in the north. This initiative highlights the growing emphasis on natural gas as a key component of the energy mix. Additionally, Chesapeake, Delfin, and Gunvor have entered a [long-term LNG](#)

*Continued next page*

#### Contents

LASPE Technology Luncheon  
pages 3 - 5

WRM - Palo Alto, CA  
page 6

Energy Transition Social  
Networking Event  
page 7

LASPE Scholarship GOLF  
TOURNAMENT  
pages 8 - 9

Volunteers Needed for 2025  
WRM in SoCal  
pages 10

USC Student Chapter Report  
pages 11 - 13

LASPE Upcoming Events  
& Newsletter Submission  
Dates  
page 14

Contact Page  
page 15

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

**The LASPE Technology in Person Meeting  
will be Tuesday March 12th at 11:30AM, at The Navy Golf Course in Cypress  
What have we Learned in 20 yrs of using a Front-End Loading Process for O&G Projects  
Basker Murugappan, So. Calif. Gas Co.**

*See page 3 for Details*

[offtake agreement](#), highlighting the growing importance of LNG in the global energy market.

On the renewable front, [utility-scale solar installations saw the largest jump ever last year](#), demonstrating the accelerating growth of solar energy. The Bureau of Ocean Energy Management (BOEM) has finalized [wind energy areas in Oregon](#), marking a significant step forward in the expansion of offshore wind energy. These developments underscore the increasing focus on renewable energy sources in the quest for a sustainable future.

Innovations in reservoir management and energy storage are underway, showcasing the potential for enhanced recovery methods and more efficient power management. Aker BP's project using [Fishbones technology to unlock tight reservoirs](#) and Chesapeake Energy's [\\$17 million investment to build a geopressured battery](#) are examples of the innovative solutions being applied in our industry.

The energy transition is gaining momentum, with hydrogen playing a crucial role. [Tracking the progress of the hydrogen economy](#) is essential for understanding its impact on the energy landscape. Additionally, emerging geothermal technologies are making waves, with [Hot Rock Slurry's field tests](#) set to explore the potential of this renewable energy source.

As we navigate these developments, I'm excited to announce several upcoming events that offer opportunities for networking and professional development:

1. **SPE LA Basin Section Energy Transition Social Networking Event** - Join us on Thursday, April 11, from 4:00 to 7:00 PM for an engaging session on the energy transition. [Register here](#).
2. **SPE LA Basin Section Golf Tournament** - Mark your calendars for our annual Scholarship Golf Tournament on May 3, 2024, at the Navy "Destroyer" Course in Cypress, CA. Your participation supports our scholarship and outreach programs. [Details and registration](#).
3. **March Technology Luncheon** - Don't miss our upcoming luncheon, where we'll discuss the latest technological advancements in the industry. [Reserve your spot](#).

Sincerely,

Andrew López

SPE LA Basin Section Chair 2020-2024

[aslopez@burnsmcd.com](mailto:aslopez@burnsmcd.com)

P.S. Don't forget to mark your calendars for our upcoming **Scholarship Golf Tournament on May 3, 2024, at the Navy "Destroyer" Course in Cypress, CA**. Details and registration can be found at [spelabasingolf.com](http://spelabasingolf.com). Your participation supports our scholarship and outreach programs.

## THE FEBRUARY SPE TECHNOLOGY LUNCHEON

Tuesday March 12<sup>th</sup> 11:30 AM

**LOCATION:** THE NAVY GOLF COURSE 5660 Oranewood Ave, Cypress, CA

**Speaker:** Basker Murugappan (SPE 2025 DL), Southern California Gas Company Production Technologist

## What have we Learned in 20 yrs of Using a Front-End Loading Process for O&G Projects?

**Lunch Price: \$30.00 (Students \$10) Make your Lunch Selection from Menu Below**  
**Cash or Check RSVP with the Number of your selection & Side Dish to:**  
[tcfrankiewicz@gmail.com](mailto:tcfrankiewicz@gmail.com)

**Credit Card RSVP make your Lunch Selection on the Zeffy Web Site using the following link:**

<https://www.zeffy.com/en-US/ticketing/b9f7eaf1-28d7-469e-bf78-ea79680b104e>

### **Lunch Menu Selections for SPE Technology Luncheon**

- Selections are served with Choice of French Fries, Sweet Potato Fries, Cottage Cheese, Cole Slaw or Green Salad

#### **1. California Burrito**

a. Carne Asada, Pico de Gallo, Cheese, Avocado Spread, Fries, Jalapeño Crema, Flour Tortilla

#### **2. Baja Style Fish Tacos**

a. Corn Tortillas, Cod, Lime Cilantro Slaw, Cotija Cheese, Jalapeño Lime Sauce

#### **3. Grilled Chicken Sandwich**

a. Chicken, Monterey Jack Cheese, Applewood Bacon, Lettuce, Tomato, Chipotle Aioli, Sourdough

#### **4. Pulled Mushroom Tacos**

a. [Vegan] Portobello Mushroom, Shiitake, Onions, Cilantro and Mexican Spice, Tortilla with Pickled Onions and Garlic Lime Sauce (Does Not Include Side)

#### **5. Cubano Sandwich**

a. Ham, Carnitas, Pickles, Swiss Cheese, Hoagie Roll

## What have we Learned in 20 yrs of using a Front-End Loading Process for O&G Projects

Basker Murugappan, So. Calif. Gas Co.

### Abstract:

**Within a portfolio of 62 major projects spanning the past 3 years, 70% of projects failed to deliver the target production volumes on time or within budget.** These projects include the simple and the complex, such as: greenfield developments, brownfield developments, field redevelopments, equity purchases, and partner operated ventures (POV). Even individual workovers exhibit similar failures to meet expectations. The impacted parties include major operators. Reputable and recognizable National Oil Companies (NOC), Integrated Oil Companies (IOC), and Independents all suffered. Each of these reputable and capable organizations employed mature project assurance or other gated processes with basis of design (BOD) or field development plans (FDP) at each sanction or execution gate. **Almost all used some form of Opportunity Realization Process (ORP), Pre-Project Planning (PPP), Front End loading (FEL) gated process, yet the integrated management approach still failed. Why?** All effective ORP or gated project assurance processes depend on a common basic element: Wide-ranging, overlapping experience within the contributing disciplines. **In each of the failure cases, the experience was either limited, retired, or pushed aside by political or financial pressures.** As a result, technically infeasible projects were sanctioned. The author will illustrate 5 example projects, each resulted in the destruction of asset value rather than creation or realization of value.

### Bio:

**Mr. Basker Stargard Murugappan's** career spans more than 35 years in the oilfield. He has worked for major National Oil Companies (NOC), including Petronas and KNOC. Additionally, he has worked for major Integrated Oil Companies (IOCs) and Independent oil companies, including Shell, UNOCAL, BP, and Taqa, in more than 30 countries across 5 continents. His experience includes production engineering roles, completion roles, and more. He currently works for SocalGas as a Production Technologist where he specializes in production technology and completions.

Mr. Murugappan earned both a BS and MS in Petroleum Engineering from New Mexico Institute of Mining and Technology. He has authored approximately 5 technical papers, and contributed to more 30 SPE workshops and Conferences across Asia and Africa. During his career, he has presented and taught classes on production technology and completions at multiple SPE conferences and workshops. This is in addition to numerous classes taught internally within IOC, NOC, and Independent Oil Company employers

Register: <https://www.zeffy.com/en-US/ticketing/b9f7eaf1-28d7-469e-bf78-ea79680b104e>

## **THE FEBRUARY SPE TECHNOLOGY LUNCHEON**

### **Tuesday March 12<sup>th</sup> 11:30 AM**

**LOCATION: THE CLUBHOUSE AT THE NAVY GOLF COURSE**  
**5660 ORANGEWOOD AVE. CYPRESS, CA 90630**

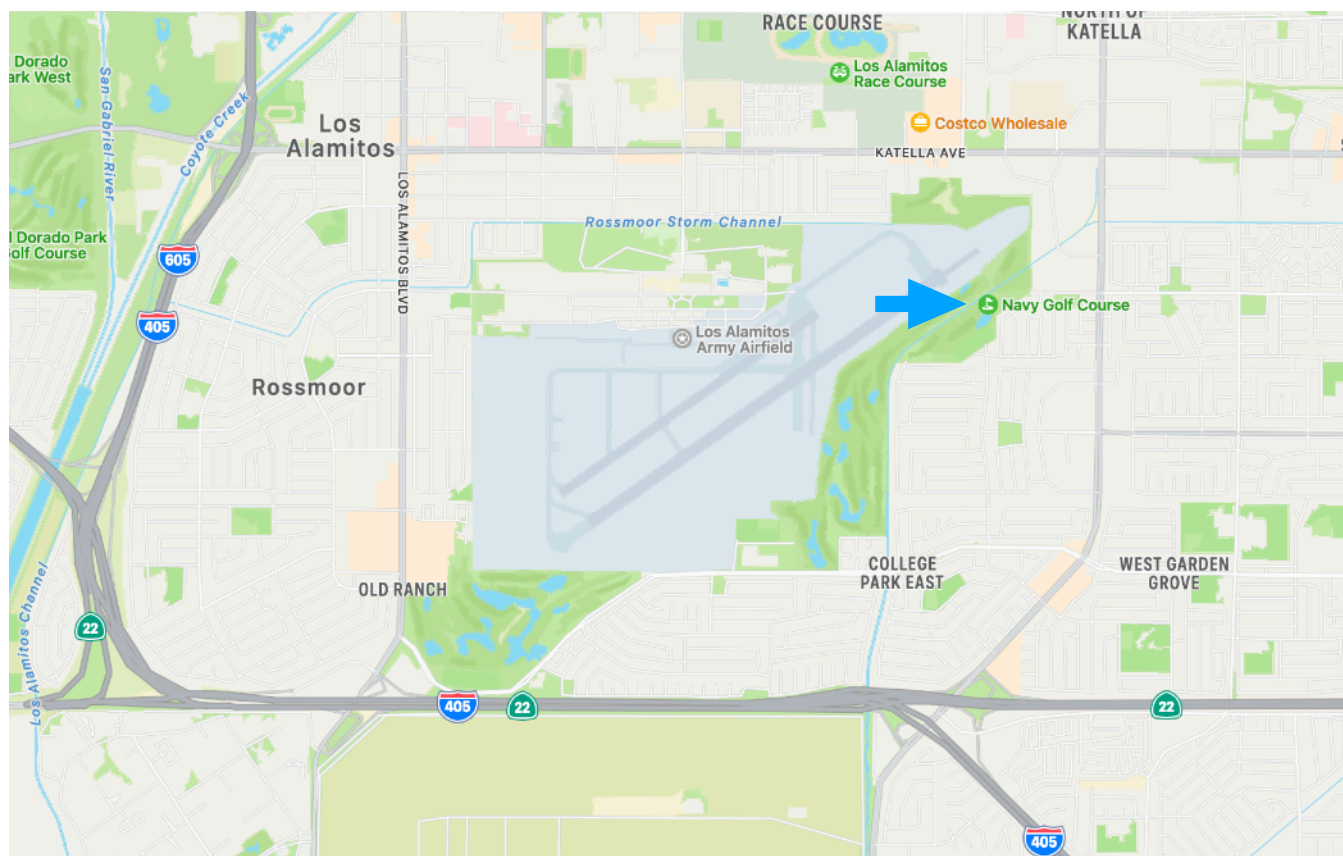
#### **DIRECTIONS:**

**From the 605 Freeway---**

- Exit and go East on Katella
- Turn South onto Valley View
- Turn West onto Orangetown & you're there!

**From the 405 or the 22 Freeways---**

- Carefully Follow Freeway signs to
- Exit at Valley View / Bolsa Chica
- Go North on Valley View for 1 mile
- Turn West onto Orangetown & you're there!



**SPE WESTERN REGIONAL MEETING**  
**16-18 APRIL 2024 PALO ALTO, CALIFORNIA, USA**  
***SOLUTIONS TO PROPEL THE EXPANDING***  
***ENERGY LANDSCAPE***

The [2024 SPE Western Regional Meeting](#), themed "***Solutions to Propel the Expanding Energy Landscape***," will take place 16–18 April 2024 in Palo Alto, California.

Register today to join us for engaging panel discussions, speakers, and technical presentations on topics such as **geothermal energy, carbon capture and storage, hydrogen, and AI**.

**[REGISTER TODAY](#)**

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***The technical program will cover an array of topics, such as reservoir engineering, formation evaluation, data science, the digital oilfield, energy transition, unconventional, EOR, CCUS, hydrogen, and geothermal.***

**Highlights include:**

- Panel discussion on the Future of Geothermal Energy, led by Rita Okoroafer, Texas A&M University
- Panel discussion on the Evolving Role of AI in Energy, led by Markus Zechner, Stanford University
- Keynote luncheon on CCUS and Energy Transition by Prof. Sally Benson, Stanford Center for Carbon Storage and the Stanford Carbon Removal Initiative
- Awards luncheon hosted by Medhat (Med) Kamal, 2023 SPE President, Chevron Fellow Emeritus

**[VIEW THE TECHNICAL PROGRAM](#)**



## Los Angeles Basin Section Society of Petroleum Engineers

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## SPE LA BASIN ENERGY TRANSITION SOCIAL NETWORKING EVENT

**SAVE THE DATE**

**April 11, 2024 – THURSDAY 4 to 7 PM**

**Navy Golf Course Club House  
5660 Orangetown, Cypress, CA 90630**

A panel of industry experts will lead us in the discussion of key aspects of energy transition, including but not limited to:

- Geothermal Energy
- Green Hydrogen Generation
- Carbon Capture & Storage
- The Future of Oil & Gas Production

Will be provided:

- Appetizers & 1 Complimentary Wine/Beer Drink Ticket & No-Host Bar
- Networking Opportunities.

**REGISTER YOURSELF AND YOUR COLLEAGUES AT THIS LINK:**

**[https://www.zeffy.com/en-US/ticketing/  
135e573b-7004-4c0b-b3bf-c48ddbd08fb9](https://www.zeffy.com/en-US/ticketing/135e573b-7004-4c0b-b3bf-c48ddbd08fb9)**

**Price: \$10**

**SPONSORSHIPS ARE AVAILABLE**

**\$500 sponsorships – recognized on event banner, half page ad in next newsletter, 5 min introduction presentation, 2 complimentary registrations**

**FOR INFORMATION CONTACT: [steveior@yahoo.com](mailto:steveior@yahoo.com)**



# **SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT**

**May 3, 2024 – FRIDAY**

**The Navy “Destroyer” Course  
5660 Oranewood Ave., Cypress, CA 90630**

**CHECK IN: 07:00 to 07:45**

**08:00 SHOTGUN START**

**REGISTER AT <https://spelabasingolf.com>**

**INCLUDES RANGE BALLS, CART, BUFFET LUNCH, RAFFLE  
PRIZE TICKETS & MORE**

**SPONSORSHIPS ARE AVAILABLE**

**FOR INFORMATION CONTACT  
[TCFRANKIEWICZ@GMAIL.COM](mailto:TCFRANKIEWICZ@GMAIL.COM) 714-475-8699**



...more on Golf

# SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT



Los Angeles Basin Section

	<b><u>INDIVIDUAL PLAYERS:</u></b>	\$ 200
	<b><u>FOURSOME:</u></b> 4 PLAYERS	\$ 800
	<b><u>PAR package:</u></b> 4 PLAYERS + TEE SPONSORSHIP + 5 RAFFLE TICKETS/PLAYER	\$1000 <b>Save \$130</b>
	<b><u>BIRDIE package:</u></b> 8 PLAYERS + TEE SPONSORSHIP + 5 RAFFLE TICKETS/PLAYER	\$1800 <b>Save \$210</b>
	<b><u>EAGLE package:</u></b> 12 PLAYERS + TEE SPONSORSHIP + 10 RAFFLE TICKETS/PLAYER	\$2800 <b>Save \$330</b>

**RAFFLE TICKETS: \$5 each, \$20 for 5-tickets**

**\*\*BUFFET LUNCH & ON-COURSE SOFT DRINKS INCLUDED FOR ALL PLAYERS\*\***

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## **SPONSORSHIPS:**

- TEE SPONSORSHIP: \$ 250 (18 Available)
- REFRESHMENTS SPONSOR: \$ 500 (2 Available)
- LUNCH SPONSORSHIP: \$1000 (3 Available)
- SCHOLARSHIP SPONSOR: \$ 500 to \$2000

**\*\*Raffle Prize donations are greatly appreciated\*\***

**Please visit the Tournament Website for Registration  
and Sponsorship opportunities**

**<https://spelabasingolf.com>**

For golf tournament questions contact  
**[TCFRANKIEWICZ@GMAIL.COM](mailto:TCFRANKIEWICZ@GMAIL.COM)** 714-475-8699

# **VOLUNTEERS NEEDED FOR 2025 SPE Western Regional Meeting Conference Committees 27-30 April 2025 Hyatt Regency Hotel, Garden Grove, CA**

Planning is underway for the 2025 SPE Western Regional Meeting. As can be seen above, Meeting dates and a location have been selected.

As can be seen below, volunteers for the WRM Conference Committees have already stepped forward – but more are needed.

Please contact one of the Meeting Co-Chairs to claim your position as a Chair or as a Member for one of the committees listed below:

Co-Chair: Ted Frankiewicz      [tcfrankiewicz@gmail.com](mailto:tcfrankiewicz@gmail.com)  
Co-Chair: Steve Cheung      [steveior@yahoo.com](mailto:steveior@yahoo.com)

In 2018, the WRM Meeting Theme Statement was  
“Emerging Technologies for Maximizing Recoveries”

Please send us your suggestions for the 2025 WRM Theme Statement!!

**Meeting Theme Statement: to be determined**

## **Conference Committees**

### **WRM Meeting Co-Chairs**

**Ted Frankiewicz**

Consultant

**Steve Cheung**

Consultant

### **Technical Program Chairs**

**Kristian Jessen**

Professor, USC

**Bill Milliken**

### **Exhibits/Sponsorship Committee Chairs**

**Volunteers Needed**

### **Registration Committee Chair**

**Francois Florence**

Southern California Gas Co.

### **Field Trip Committee**

**Scott Hara**

Retired

### **Student Paper Competition To be determined**

### **2025 LA Basin Charity Golf Committee Chairs**

**Volunteers Needed**

### **Finance Committee Chair**

**Francois Florence**

Southern California Gas Co.

### **Short Course Committee**

**Volunteers Needed**

### **Website Committee**

**Larry Gilpin**

Consultant

**Albert Pernia**

Consultant

## SPE USC STUDENT CHAPTER REPORT

### The SPE North America Student Symposium (NASS)

The USC SPE Student Chapter engaged in the North America Student Symposium hosted in The Woodlands, Texas, from February 8th to 9th. This is an annual conference, organized by SPE International students across North America, offering a platform for students to broaden their understanding of the oil and gas sector by learning from industry leaders and advocates. Attendees also benefit from networking opportunities with peers, faculty, and professionals from various companies. This year's symposium focused on "Shaping the Energy Industry of Tomorrow: The Workforce of the Future" and featured two days of programming.

The first day centered on the symposium theme, featuring technical sessions and an exhibition where students could interact with professionals and companies. Keynote speakers included Matt Kovich, Senior Manager of Facilities & Construction at Ovintiv, and Terry Palisch, the 2024 SPE President.



**Matt Kovich**  
Senior Manager,  
Facilities & Construction



**Terry Palisch**  
2024 SPE President  
Ovintiv

The day also included a careers panel and discipline-specific sessions, including presentations from ExxonMobil and Chevron.



On the second day, students participated in a field trip to Core Labs. This excursion provided additional technical presentations and allowed students to view core samples, enhancing their theoretical knowledge and providing firsthand exposure to industry practices.



#### **USC Student Chapter Seminar - 03/06/2024**

**Topic: An Exciting Phase is Starting for Oil Industry**

**Speaker: Omer Gurpinar**

**ABSTRACT:** Most oilfields are over their primes, "easy oil" is gone. Maintaining global oil production will be significantly demanding. Conventional oilfields and recent North American phenomenon, Unconventionals have been producing a total of about one hundred million barrels per day. That is an impressively big volume but if we look carefully, most are coming from declining oilfields with increasing water-cuts. With decreasing exploration activity and maturing oilfields, a new phase is starting for oil business. This new phase is called "mature field optimization." It is going to be incredibly challenging but exciting as well. Over seventy percent of oilfields are under IOR/EOR, mostly waterflooding. Those projects are not managed well, simply because waterflooding have started as pressure support and left operational for ages. Therefore, in this new & exciting phase, we are forced to understand reservoirs much better as multi-phase flows and complex recovery physics are dominating field performance. Managing decline and enhancing recovery factors, will start by identifying where the remaining oil is. Additionally, most reservoirs are already immediate candidates for enhanced oil recovery (EOR).

While urgency for mature field optimization is growing and world must use oil for many years; global "energy-transition" discussions seem to be creating a negative perception for anything oil &

gas. That might be the case, but if industry hesitates too long, there is a danger of losing significant volume of reserves. Instead, we must elevate our game and start dealing with recovery challenges. It is worth mentioning that everything we need for mature field optimization, starting with oilfield technologies, reservoir modeling and limitless computation & connectivity, and recently AI, are all there for us use. Certainly, "easy oil is all gone" but time for creative engineering to secure the remaining reserves is just starting.

## SHORT BIO



Omer Gurpinar is Schlumberger's Director for Enhanced Oil Recovery. He is well recognized globally with his vision on IOR/EOR. He has been responsible for leading Schlumberger on development of technologies and services aiming to improve recovery factors in oilfields, including Unconventional reservoirs. Primarily Omer is a dedicated "hands-on" Reservoir Engineer and has over 45 years of experience in various oil and gas projects. His scientific interest includes but not limited to mature-field-optimization, naturally fractured reservoirs, recovery physics, compositional reservoir modelling, CO<sub>2</sub>EOR and more importantly "smart field optimization systems from pore to pipeline".

Over the years, he has contributed to enhancing performance of significant number of reputable oil and gas fields globally. Since joining to Schlumberger in 1996, he served as Vice President and/or as Technical Director in various Segments and played a key role on building Schlumberger's E&P consulting organization. Before Schlumberger, Omer served as the Vice President Reservoir Simulation with INTERA, and prior to that Chief Reservoir Engineer for Scientific Software-Intercomp (SSI). Omer have started his professional career with TPAO in 1976. He holds number of industry recognized patents pertinent to field optimization, EOR, smart-digital field management systems and digital rocks. Omer has served as the EOR Editor of JPT between 2014 and 2019.



## SELECTED SPE UPCOMING EVENTS 2024-2025

Date	Title
March 12	<b>LA Basin Technology Luncheon at The Navy Clubhouse</b> <b>What have we Learned in 20 yrs of using a Front-End Loading Process for O&amp;G Projects</b> <b>Basker Murugappan, So. Calif. Gas Co.</b>
April 11	<b>Energy Transition Study Group Social Event</b> <b>4 - 7 PM at The Navy Clubhouse</b>
April 14 - 18 2024	<b><u>SPE WRM 2024</u></b> Crowne Plaza Hotel, Palo Alto General Chair: Mark McClure, mark@resfrac.com Technical Program Chair: Roland Horne, <a href="mailto:horne@stanford.edu">horne@stanford.edu</a>
May 3	<b>SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT</b> <b>MAY 3 at the Navy "Destroyer" Golf Course 7:00 -7:30 AM Check in, 8 AM Shotgun Start</b> <b>Register at <a href="https://spelabasingolf.com">https://spelabasingolf.com</a></b>
	* 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
April	3/18	3/25	3/28	4/1
May	4/15	4/22	4/26	5/1
June	5/20	5/27	5/30	6/3





## 2023 - 2024 LASPE OFFICERS, BOARD & CONTACTS

Name	Position	E-mail
Andrew López	LASPE Chairperson 2020-2023	<a href="mailto:aslopez@burnsmcd.com">aslopez@burnsmcd.com</a>
Ian Johnnecheck	Chairperson Elect for 2023-2024	<a href="mailto:ianJohnnecheck@gmail.com">ianJohnnecheck@gmail.com</a>
Robert Schaaf	Past Chair - Board Member	<a href="mailto:rpschaaf@gmail.com">rpschaaf@gmail.com</a>
Francois Florence	Treasurer - Board member through 2022	<a href="mailto:francois.florence@gmail.com">francois.florence@gmail.com</a>
Vanessa Perez	Secretary - Board member through 2022	<a href="mailto:perezv28@gmail.com">perezv28@gmail.com</a>
Ian Johnnecheck	Board member through 2022	<a href="mailto:ianJohnnecheck@gmail.com">ianJohnnecheck@gmail.com</a>
Ted Frankiewicz	Board member through 2022	<a href="mailto:tcfrankiewicz@gmail.com">tcfrankiewicz@gmail.com</a>
Steve Cheung	Board member 2021-2024	<a href="mailto:steveior@yahoo.com">steveior@yahoo.com</a>
Peter Yu	Board member 2023-2025	<a href="mailto:pyu@cordobacorp.com">pyu@cordobacorp.com</a>
<b>Committee Chairs</b>		
Open	Awards	
Ted Frankiewicz	Forum and Program Chair	<a href="mailto:tcfrankiewicz@gmail.com">tcfrankiewicz@gmail.com</a>
Scott Hara	Community Outreach/STEM	<a href="mailto:scotthara@yahoo.com">scotthara@yahoo.com</a>
Vanessa Perez		<a href="mailto:perezv28@gmail.com">perezv28@gmail.com</a>
Ian Johnnecheck	YP Activities	<a href="mailto:ianjohnnecheck@gmail.com">ianjohnnecheck@gmail.com</a>
Dr. Iraj Ershaghi	Publication Mentor	<a href="mailto:ershaghi@usc.edu">ershaghi@usc.edu</a>
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		<a href="mailto:jr.smoier@raptorwireline.com">jr.smoier@raptorwireline.com</a>
Robert Schaaf	Nominations pro tem	<a href="mailto:rpschaaf@gmail.com">rpschaaf@gmail.com</a>
Larry Gilpin	Newsletter & Website Editor / Publisher	<a href="mailto:Larry@4thForge.com">Larry@4thForge.com</a>
Steve Shryock	Student Chapter Liaison	<a href="mailto:sgshryock@aol.com">sgshryock@aol.com</a>
Steve Cheung	Membership Chair	<a href="mailto:steveior@yahoo.com">steveior@yahoo.com</a>
Dr. Jalal Torabzadeh	Student Chapter Advisor - CSULB	<a href="mailto:jalal.torabzadeh@csulb.edu">jalal.torabzadeh@csulb.edu</a>
	Student Chapter President - CSULB	<a href="mailto:beach.spe@gmail.com">beach.spe@gmail.com</a>
Dr. Iraj Ershaghi	Student Chapter Advisor – USC	<a href="mailto:ershaghi@usc.edu">ershaghi@usc.edu</a>
Nazare Hebo	Student Chapter President - USC	<a href="mailto:uscspe@usc.edu">uscspe@usc.edu</a>
	2023-2024	<a href="mailto:hebo@usc.edu">hebo@usc.edu</a>
Simeon Eburi	SPE Regional Director-North America	<a href="mailto:simeon.eburi@chevron.com">simeon.eburi@chevron.com</a>
SPE International	Contact for Sections	<a href="mailto:sections@SPE.org">sections@SPE.org</a>