

Los Angeles Basin Section Society of Petroleum Engineers

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

LASPE ENERGY TRANSITION NETWORKING EVENT



Dear Members,

We are very excited that the SPE Los Angeles Basin Section is hosting the inaugural **Energy Transition Networking Event on April 11 (Thursday) from 4 to 7 pm. This enjoyable and informative evening will take place at the Navy Golf Course Club House, 5560 Orangetown Ave., Cypress CA 90630.**

The event is being organized by the Section's newly formed Energy Transition Study Group. You are invited to register for the event and engage with old acquaintances in the oil industry as well as with new people from energy transition technical areas such as geothermal, hydrogen, and carbon management. We welcome guests and friends. Sponsorship opportunities are also available (see attached brochure for details).

The event's goals are to (1) provide a relaxed environment for networking with engineers, operators, service providers, geologists, scientists, educators and students who are interested in learning and be involved in the transition to green energy; (2) convey details on the Society of Petroleum Engineering's expansions to other energy sources; (3) allow a forum to meet with members of the Study Group; and (4) hear from experts on the latest status of energy transition.

REGISTER at this link: <https://www.zeffy.com/en-US/ticketing/135e573b-7004-4c0b-b3bf-c48d8dbd08fb9> (Deadline April 10)

Price: \$10

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

**This month the LASPE Technology Meeting will be
The Inaugural LA SPE Energy Transition Networking Event
will be Thursday April 11th from 4 to 7 pm, at The Navy Golf Course in Cypress**

See above and page 3 for Details

Below are the biographies of the three esteemed panel discussion leaders scheduled for April 11.

Geothermal



Richard Holt: Vice President of Resources, Geothermal Resource Group, Inc.

Richard Holt is a consulting geothermal reservoir engineering with over 25 years full-time experience in the geothermal industry. Richard's educational background includes a Master's degree from Stanford University and a Bachelor's degree from the University of California at Berkeley, both in Petroleum Engineering. Richard has provided consulting services to over 100 geothermal fields in 20 countries, including the energy producing American geothermal projects. Richard has worked directly with all types of resources found in the global geothermal industry, from low-enthalpy pumped hydrothermal wells in sedimentary rocks, to super-critical hypersaline high-enthalpy wells in fractured volcanics.

Hydrogen



Andre López PE: Senior Project Engineer, Hydrogen Technical Team Lead, Burns & McDonnell

Andre Lopez has 18 years of project engineering and project management experience involving pipeline leak detection and modeling for lines transporting crude oil, gasoline, diesel, ethylene, xylene, natural gas, refrigeration, and other commodities. Mr. López is trained in performing process simulations and pipe/equipment stress calculations. He graduated with a Bachelor's degree in Chemical Engineering from the University of California at Berkeley and MA – ALM in Sustainability and Environmental Management from Harvard University. He is currently leading the hydrogen technical effort at Burns & McDonnell.

Carbon Management



Hiren Patel: Senior Director, Project and Technology Realization - Carbon Capture, Avnos, Inc.

Mr. Patel has over 20 years of experience in the Oil/Gas, Chemicals, Water Treatment, Pharmaceutical and Clean Technology industries. His experience includes industrial production and technology scale-up, team building, budgeting, planning, engineering design, procurement, contracting, estimating construction, validation, commissioning, close-out of pre-FEED, FEED and EPC/Cm projects in various industries. He has worked at Siemens Water Technologies, Fluor, Jacobs/Worley and SoCal Gas. Currently, he works at Avnos helping develop, deploy and commercialize moisture swing direct air carbon capture technology. He has a Masters in Chemical Engineering from USC and a MBA from UCLA.

REGISTER at:

<https://www.zeffy.com/en-US/ticketing/135e573b-7004-4c0b-b3bf-c48ddb08fb9>

(Deadline April 10)

We look forward to meeting you in person at the event on April 11, 2024.

Networking Event Organizing Committee: Ted Frankiewicz; Eva Cheung and Steve Cheung

How to get to the LASPE ENERGY TRANSITION NETWORKING EVENT

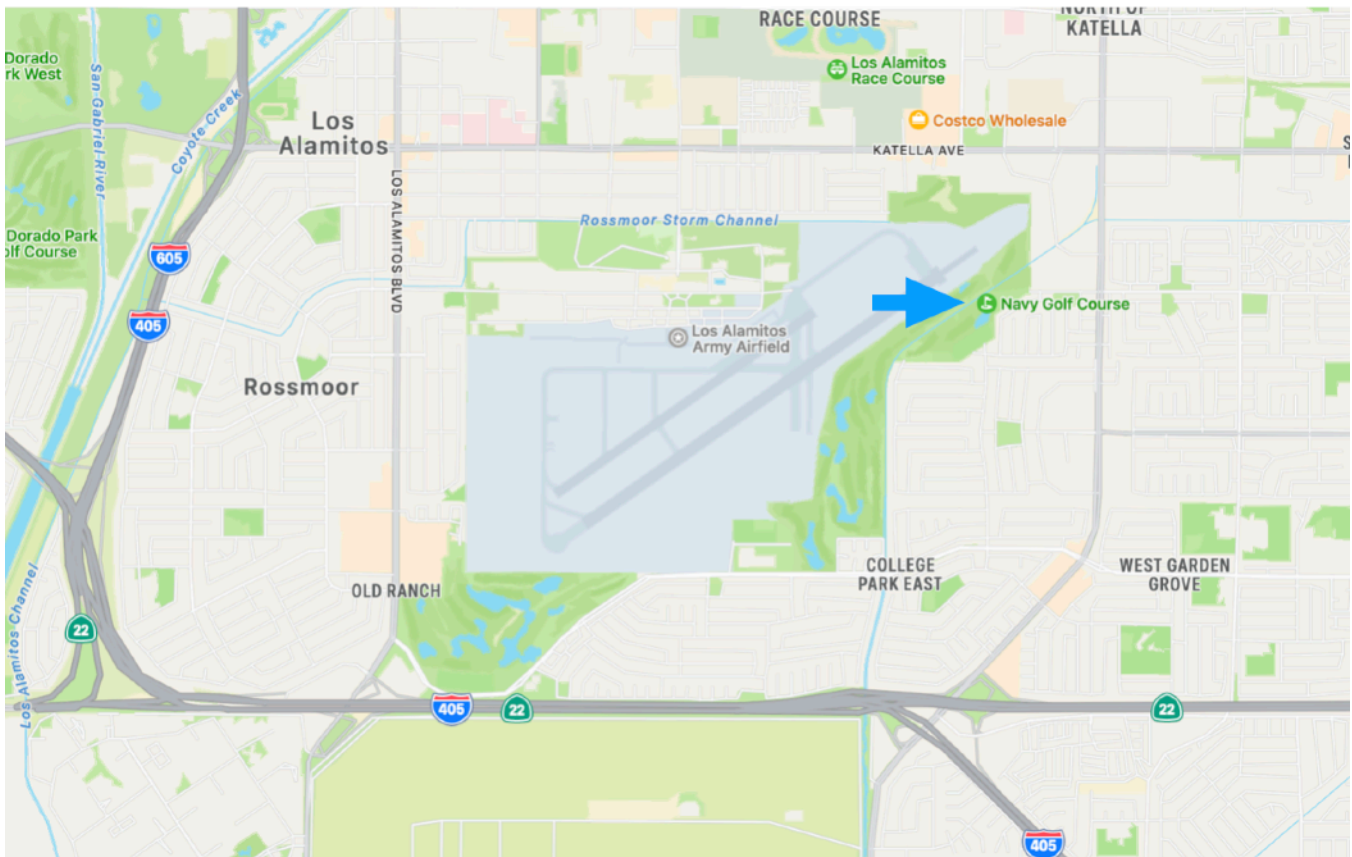
DIRECTIONS:

From the 605 Freeway---

- Exit and go East on Katella
- Turn South onto Valley View
- Turn West onto Orangewood & 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 Orangewood & 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](#)

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](#)



**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 714-475-8699**

...more on Golf

SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT



Los Angeles Basin Section

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

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

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

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 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
Co-Chair: Steve Cheung 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

LASPE Outreach: Science Fairs News

The Orange County (OC) and Los Angeles (LA) Science & Engineering Fairs are annual events that aim to inspire students' creativity and technical skills in engineering and the sciences. The OC Science and Engineering fair has been held virtually for the past 4 years while the LA fair was held at the Shrine Auditorium in Los Angeles for the second year in a row. This year, LASPE members Vanessa Perez and Scott Hara volunteered as science fair delegates. For the OC fair, they reviewed students' abstracts, logbooks, reports, and videos through the center's virtual tour. For the LA fair, the delegates also reviewed the material online and then assessed their poster boards in person before making the final selections.



Displays at the Shrine Auditorium in Los Angeles

The judges assessed projects based on their technical achievements in alternative and sustainable energy. These projects included those related to oil and gas industry, fluid flow, carbon sequestration, and other energy-related projects. The delegate's also considered projects related to hydrogen and geothermal energy, as well as engineering research for energy development.

The top two winning junior and senior-level projects were chosen for each county based on their outstanding technical achievement, creativity, and scientific thought. Each student will receive a \$100 check, a LASPE achievement certificate, and a LASPE recognition letter as a reward for their hard work.

Orange County Science Fair:

JC Hoepfner

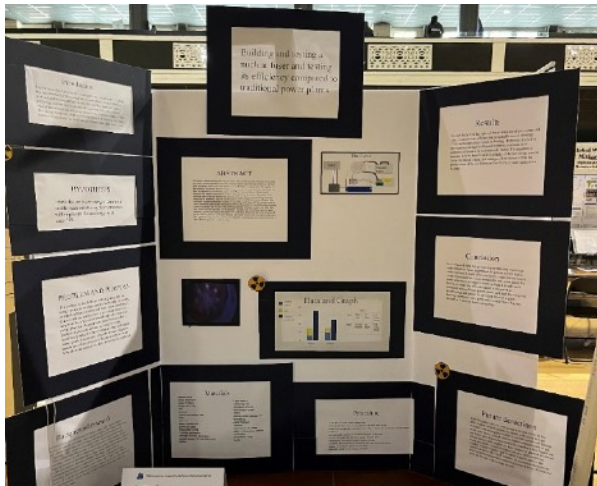
Hydro-Plants

How effective are plants grown in a hydroponic system at producing energy through biofuels?

Naol Dufera

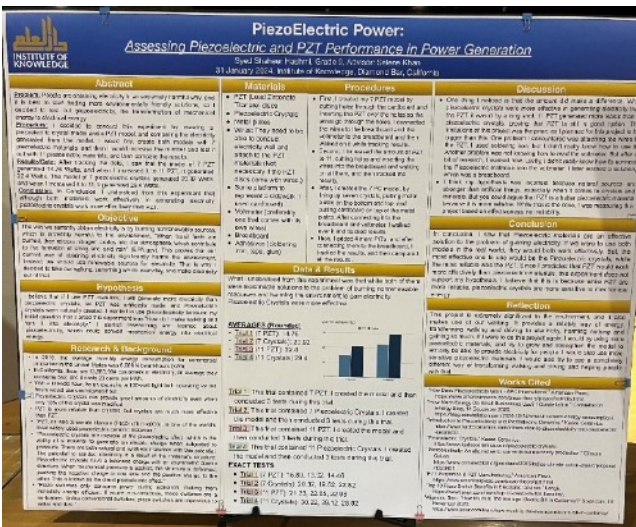
Theoretical Design of a small Modular Reactor: Heat-to-Electricity Conversion using Type B Thermocouples and Liquid Metal Heat Pipes

Los Angeles County Fair:



Davit Abgaryan

Building a Nuclear Fuser and Testing its Efficiency compared to Traditional Power Plant



Syed Shaheer Hashmi

Piezoelectric Power: Assessing Piezoelectric and PZT Performance in Power Generation

LASPE 2024-2025 SCHOLARSHIP PROGRAM

Dear fellow LASPE members and applicants,

It is the board of director's pleasure to announce the 2024-2025 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 2024-2025 SCHOLARSHIP 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>

SEE NEXT PAGE FOR APPLICATION OR DOWN LOAD FROM ABOVE LINK

2024-2025 LASPE SCHOLARSHIP APPLICATION

APPLICANT INFORMATION

Name:		Date of Birth:
Email:		Phone:
Current Address:		
City:	State:	ZIP Code:

ACADEMIC INFORMATION

Current University:		
Current Major(s) Pursued: (ex: BS in Pet. Eng)		Cumulative GPA: (/) scale
Most Recent Degree Major(s) Completed:		Cumulative GPA: (/) scale
Expected Graduation Date:	Full Time Student for Upcoming Year (Y/N):	
Active Member of SPE/ Student Chapter (Y/N):	Received SPE Scholarship Award in the Past (Y/N):	

INTERNSHIP(S) SERVED (IF ANY)

Company:	Dates:
Duties:	

STUDENT PAPER, PROJECT, PRESENTATION OR THESIS

For 2024/2025 Year (Y/N):	If yes, which of the above?
Will it be presented or published? (Y/N):	If yes, when, and where?
Attach a typed synopsis or abstract to this application. 300 words max.	

SCHOOL-INDUSTRY PARTICIPATION

State your involvement & support in school or industry activities: (events, meetings, competitions, volunteerism, workshops, clubs, etc.)

Be specific about your involvement with an SPE Student Chapter and the LA Basin SPE Section. Extra pages can be attached if necessary

PERSONAL STATEMENT

State your interest in and plans for pursuing a career in the oil & gas industry – 150 words or less: Attach an extra page if necessary

Submit all applications with attachments to: LASPEscholarship@gmail.com & Briantran82@gmail.com

SPE USC STUDENT CHAPTER REPORT

What is Happening at USC?

There are two important events in April that should be of interest to the SPE members.

First will be the student paper contest before the SPE Western Regional meeting in Palo Alto, CA. The contest will be on April 15, 2024. The following contestant from USC will be participating:

Ph.D.

Zhen Qin
Zhongqi Liu

MS

Ernesto Ortiz Zamora
Camila MacKinnon

The 2nd is the 2024 ECET Summit program with a focus of "Realities of Energy Transition". To register for the daylong program that includes the parking and the lunch please visit ecet.usc.edu.

A copy of the program is published here.



ECET SUMMIT 2024

Realities of Energy Transition

Schedule of Events



Tuesday, April 23, 2024

University of Southern California Hotel
3540 S Figueroa St, Los Angeles, CA 90007

SELECTED SPE UPCOMING EVENTS 2024-2025

Date	Title
April 11	Energy Transition Study Group Social Event 4 - 7 PM at The Navy Clubhouse
April 14 - 18 2024	<u>SPE WRM 2024</u> Crowne Plaza Hotel, Palo Alto General Chair: Mark McClure, mark@resfrac.com Technical Program Chair: Roland Horne, horne@stanford.edu
May 3	SPE LA BASIN SCHOLARSHIP GOLF TOURNAMENT MAY 3 at the Navy "Destroyer" Golf Course 7:00 -7:30 AM Check in, 8 AM Shotgun Start Register at https://spelabasingolf.com
	* 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 NEWSLETTERARTICLE SUBMISSION

Month Published	1st Submission Call	Last Submission Call	No Submissions Accepted After	Newsletter Publish Date
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	aslopez@burnsmcd.com
Ian Johnecheck	Chairperson Elect for 2023-2024	ianJohnecheck@gmail.com
Robert Schaaf	Past Chair - Board Member	rpschaaf@gmail.com
Francois Florence	Treasurer - Board member through 2022	francois.florence@gmail.com
Vanessa Perez	Secretary - Board member through 2022	perezv28@gmail.com
Ian Johnecheck	Board member through 2022	ianJohnecheck@gmail.com
Ted Frankiewicz	Board member through 2022	tcfrankiewicz@gmail.com
Steve Cheung	Board member 2021-2024	steveior@yahoo.com
Peter Yu	Board member 2023-2025	pyu@cordobacorp.com
Committee Chairs		
Open	Awards	
Ted Frankiewicz	Forum and Program Chair	tcfrankiewicz@gmail.com
Scott Hara	Community Outreach/STEM	scotthara@yahoo.com
Vanessa Perez		perezv28@gmail.com
Ian Johnecheck	YP Activities	ianjohnecheck@gmail.com
Dr. Iraj Ershaghi	Publication Mentor	ershaghi@usc.edu
Brian Tran	Scholarship	briantran01@yahoo.com
A.B. Gorashi	Training	goras9@aol.com
		jr.smoeyer@raptorwireline.com
Robert Schaaf	Nominations pro tem	rpschaaf@gmail.com
Larry Gilpin	Newsletter & Website Editor / Publisher	Larry@4thForge.com
Steve Shryock	Student Chapter Liaison	sgshryock@aol.com
Steve Cheung	Membership Chair	steveior@yahoo.com
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