

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

Virtual Distinguished Lecturer Talk, SPE California Sustainability Study Group Webinar, Regional Directors' Corner



Dear Colleagues,

On May 12th 2020, we had our first ever virtual meeting utilizing the Zoom platform. Susan Howes, Distinguished Lecturer presented from Houston and her talk was titled "Toolkit for Making Better Decisions When Faced With Ethical Dilemmas".

Our **June 9th 2020 luncheon speaker will be David D. Smith, Distinguished Lecturer** and his talk will be titled "Driving Conformance Success Through Better Problem Understanding and a Process Approach". The meeting will be via a MS Teams with the link, conference ID and call in number also provided (see page 3).

In addition, SPE International organization has made available access to various topics presented by the Distinguished Lecturers online and I would encourage the membership to review this excellent resource during these times.

A reminder that we have now moved out the **LA SPE annual Charity Golf Tournament to September 25th 2020** and the details will follow shortly as we move into the summer.

A reminder that the annual applications for the LA SPE Scholarships is out for the students. We encourage all eligible university applicants to

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**THE JUNE 9TH PETROLEUM TECHNOLOGY "LUNCHEON"
WILL BE VIRTUAL IN AN ONLINE MS TEAMS MEETING.**

June 9th at Noon - see page 3 for details details

Message from the Chair continues...

apply for these important awards. I am pleased to announce that the BOD of LA SPE unanimously agreed to fund these worthy scholarships at a similar amount as previous years despite the current environment.

We have an update from the **Regional Director (Steve Cheung)** and I would ask that you all to read his column to get a feel for what is occurring in our region.

The **SPE California Sustainability Study Group** invites the membership to an online webinar on **Thursday June 25th at 12:00**, The Speaker is Dr. Peter Kelemen from Columbia University and his talk is titled “Geological Processes for CO₂ Removal from Air and Permanent Storage at the Scale of Gigatons per Year”. The information is provided in this newsletter.

On an administrative point, I want to thank Robert Schaaf (Past Chair) for completing the Annual LA SPE Report to SPEI (prior to the June 1st deadline) despite overcoming some computer related nuances during the process.

With that said, I hope you remain safe and healthy and during this time that you continue to minimize contact with others and practice social distancing and respect the space of others as strongly recommended by our governmental agencies.

We look forward to seeing many of you at our next virtual gathering on June 9th.

Cheers
Baldev S Gill
SPE LA Basin Section Chair 2020



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& Newsletter Submission
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LASPE Website
[connect.spe.org/
LosAngelesBasin/Home](http://connect.spe.org/LosAngelesBasin/Home)
[Young Professionals Facebook](#)

LA SPE ANNUAL CHARITY GOLF TOURNAMENT

***** !!! SAVE THE DATE !!!**

LA BASIN SPE CHARITY GOLF TOURNAMENT

RE-SCHEDULED TO SEPTEMBER 25TH ***

- More details to follow -

PETROLEUM TECHNOLOGY VIRTUAL “LUNCHEON”!

The Virtual Petroleum Technology "Luncheon" will be Tuesday June 9th at Noon. So click the link below prior to the MS Teams meeting for:

Driving Conformance Success Through Better Problem Understanding and a Process Approach

David D. Smith, ConocoPhillips Inc.

Click link below (Use recent versions of Edge, Explorer, Google Chrome or Firefox):

https://teams.microsoft.com/dl/launcher/launcher.html?url=%2f%20%23%2f%2fmeetup-join%2f19%3ameeting_NWI5YjJjMWMtYTc0ZC00ZGZhLThiMDctMDAzMTU2YmEwZWVj%40thead.v2%2f0%3fcontext%3d%257b%2522Tid%2522%253a%2522b449db5e-a80a-48eb-a4c2-3c88bb78353b%2522%252c%2522Oid%2522%253a%252249431248-04ba-4387-802e-d9ea31d6d771%2522%257d%26anon%3dtrue&type=meetup-join&deeplinkId=53d160b4-b1eb-4c57-a67d-87ae46472e92&directDl=true&msLaunch=true&enableMobilePage=true&suppressPrompt=true

Conference ID: **449083904** Call in for audio: 1-281-810-1619

Abstract:

In order to improve your success in applying conformance solutions, focus your efforts and attention on understanding the full nature of the problem instead of focusing on solution products. This is best achieved through an aggressive and regimented process approach. This presentation will justify, outline and examine what this takes and will show three field case histories, on how this has been applied. Also included is a review on the Conformance Solution Continuum and Conformance Problem Matrix with a solution overlay.

Biography:

David has been an active member of the petroleum industry for more than 38 years. His SPE activity has focused on IOR and he has been a member of the technical program committee since 2002. David was the Technical Program Chairman for the 2014 SPE-IOR meeting.

David's has spent a majority of his career focused on improving flood management and reservoir sweep. Most of this has been through designing, executing and evaluating water and gas shut-off solutions. The last 16 years of his career have been as a global "Conformance Engineering Advisor" for either Occidental Petroleum or ConocoPhillips.

During these years David has developed some key insights to solving conformance problems in a multitude of flooding or strong aquifer drive fields. He has taken these insights and developed some very basic, but insightful, guidelines on how to address and solve conformance problems. In this presentation David shares those key elements and thoughts to help you manage your fields conformance issues.



DISTINGUISHED LECTURERS ONLINE!

With Covid-19 causing cancelations of the presentation meetings world wide, you can still become informed by watching the [DL Webinars](#) - see below.

Here is the link to the complete selection - [click here](#)

Distinguished Lecturer Webinar Program

Live Webinars

Using Advanced Geomechanical Analysis to Define Practical Cut-offs for Sand Management Decisions

Includes Credits 📅 Includes a Live Web Event on 06/04/2020 at 9:00 AM (EDT)

Presented by Dr. Abbas Khaksar



Root Cause and Mitigation for Sand Production

Includes Credits 📅 Includes a Live Web Event on 06/10/2020 at 9:30 AM (EDT)

Presented by Surej Kumar Subbiah



EOR While Fracturing: Unconventional Rock-Fluid Interactions

Includes Credits 📅 Includes a Live Web Event on 06/15/2020 at 4:00 PM (EDT)

Presented by Dr. Hassan Dehghanpour



Los Angeles Basin Section



Los Angeles Basin Section
www.laspe.org

LASPE SCHOLARSHIPS - NOW TAKING APPLICATIONS

Dear fellow LASPE members and applicants,

It is the board of director's pleasure to announce the 2020-2021 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 the all of 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
Brian.tran@element.com

Awards available:

- Undergraduate Scholarships of \$1,000 each or more for on or more top students attending USC, UCLA, UCI and CSULB.
- 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 \$1,500 each 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 SCHOLARSHIPS - NOW TAKING APPLICATIONS

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.

- GPA of 3.3 or higher
- 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/aboutus/scholarships>



2020-2021 LASPE SCHOLARSHIP APPLICATION

APPLICANT INFORMATION

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

ACADEMIC INFORMATION

Current University:	
Current Degree Major(s) Pursued:	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 2020/2021 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 – 100 words or less: Attach an extra page if necessary



REGIONAL DIRECTORS' CORNER

Dear fellow SPE members,

How are you doing? I share your pain. I know it has been really stressful these last three months due to the simultaneous Coronavirus pandemic and the sudden crash of oil prices. Most of us have been forced to stay at home due to the mandated lock-down, and some have been furloughed or laid-off. I have been through several oil industry boon-and-bust cycles before. Some lessons learned are “Crisis Builds Character”, and many innovative ideas have emerged during downturns. SPE members are known to be very resilient and have bounced back many times. Please hang in there! I see glimmers of hope as many states are slowly opening up, and both automobile and airline traffic are trending up in the USA. Stay Strong!

SPE has been working hard to provide value to the members during this downturn.

1. For those being furloughed or laid off, SPE offers a dues waiver for renewing members for up to two consecutive years of unemployment. You will need to provide a written request that shows evidence of unemployment, and submit a dues waiver request annually to service@spe.org.
2. There are webpages for Members in Transition:
 - a. <https://spe.org/en/members/transition/>
 - b. SPE has recently set up Smart Job board for your consideration <https://www.spe.org/en/industry/jobs/> for employers to post open positions, and members to post resumes.
 - c. SPE Gulf Coast section is offering MiT (Member in-Transition) talks to help members. https://www.spegcs.org/events/search/?start_dt=&end_dt=&event_group=2457&event_type=luncheons-and-webinars&search_category=title_&search=Search This program is being expanded to the Permian Basin section this summer.
3. SPE has reduced the member price of all SPE papers in OnePetro® to \$5.00 per paper through Dec 31, 2020.
4. There is also a 20% discount on the 2020 SPE membership for 2019 members who have not yet renewed for 2020.
 - a. Discount for unpaid members (individuals who were members in 2019 who have not renewed to date for 2020): https://www.spe.org/member/access/SPEMBRInitProcess?MBRProcess=RENEW&MBRType=PROFESSIONAL&DiscountId=2020_20
 - b. Discount for former (individuals that were members prior to 2019) or new members http://www.spe.org/member/SPEMBRInitProcess?MBRProcess=Join&MBRType=PROFESSIONAL&DiscountId=20MBR_2020

REGIONAL DIRECTOR CORNER - CONTINUED

SPE EVENTS

1. There have been many informative virtual events that are available to members FREE of charge. Details are available here: <https://www.spe.org/en/podcasts/> , <https://www.spe.org/en/events/live-events/>
2. SPEI is allowing me to announce section talks to all members in the three regions: Gulf Coast(includes Mexico), Southwest North America, and Western North America. Starting in September, we will distribute a monthly newsletter that lists virtual section meetings in these three Regions so members from all these regions can attend virtually. This will especially help remote members. Each section can decide which section talks they will broadcast virtually.
3. The California Sustainable Development Workgroup will begin a monthly series of webinars in the summer. These talks highlights sustainability efforts by the oil and gas industry and give industry engineers, scientists and other professionals a forum for learning about best practices, new technologies and strategies for sustainable development. The more we all know – and the more we share with our neighbors and communities – the better we can earn back our Social License to Operate.
4. SPEI will announce Best Practices and Guidance for Sections to use when they organize face-to-face meeting in the Fall. We want you all to be safe when attending SPE Events.
5. The Student Paper contests were conducted virtually and winners were announced. Congratulations to the winners and my appreciation to the volunteer judges.
6. There will be Regional Award Ceremonies in the Fall. Congratulations to all Regional Award Winners, and I thank the nominators, and Award Selection Committee members who ranked the nominations.
7. Annual Meeting (Denver): SPEI will announce their Hold or Cancel decision during the first week of July.
8. Distinguished Lecturer (DL) Program: there will one virtual DL offered to each qualifying section between September 2020 and January 2021. There will be two face-to-face DL presentations available for each Section between February and June, 2021.

Let us all practice CDC recommendations: social distancing, washing hands often and wearing face masks to protect ourselves and others.

Please keep us, our family, friends, colleagues and fellow members safe and healthy. Stay strong!

Steve Cheung



SPE California Sustainability Study Group

Invites you to join the online webinar/discussion about

Geological Processes for CO₂ Removal from Air and Permanent Storage at the Scale of Gigatons per Year

Thursday June 25 at 12:00pm (noon) Pacific Time

Dr. Peter Kelemen of Columbia University.

An event registration link will be established shortly—[check here for status](#). For more information on the SPE California Sustainability Study Group, [visit our website](#)



Dr. Kelemen will present an overview of his research on geologic capture and storage of CO₂ via carbon mineralization. Study of these natural processes has relevance to engineered CO₂ removal from air (CDR, aka Direct Air Capture, DAC) and permanent storage of CO₂, stimulation of geothermal reservoirs, in situ mining, and extraction of hydrocarbon resources from tight formations. New technologies are being developed that may lead to practical, economical storage of CO₂ in subsurface formations and, potentially, in surface facilities (for more information see [brief article/video on Dr. Kelemen's Oman Drilling project](#), Chapter 6 in the National Academies report on Negative Emissions Technologies (free PDF at <https://www.nap.edu/catalog/25259/negative-emissions-technologies-and-reliable-sequestration-a-research-agenda>) and 2020 papers in press by McQueen et al. in Nature Communications and Kelemen et al. in Chemical Geology. The presentation will explain the implications of this research for carbon capture and storage technology, and the speaker looks forward to a discussion with petroleum engineers on the practical application for de-carbonization of oil and gas production.

Peter Kelemen is the Arthur D. Storke Professor in the Department of Earth & Environmental Sciences at Columbia University. He is a member of the National Academy of Sciences, and a Fellow of the American Geophysical Union, the Mineralogical Society of America, and the Geochemical Society. He studies the chemical and physical processes of reaction between fluids and rocks. He has worked on the genesis and evolution of oceanic and continental crust, chemical cycles in subduction zones, and new mechanisms for earthquake initiation. His primary focus now is on geologic capture and storage of CO₂ (CCS), and reaction-driven cracking processes in natural and engineered settings, with application to CCS, geothermal power generation, hydrocarbon extraction, and in situ mining. He teaches a popular course on “Earth Resources for Sustainable Development” at Columbia, as well as courses and seminars on petrology, geochemistry, and geodynamics. Kelemen was a founding partner of Dihedral Exploration (1980-1992), consultants specializing in exploration for mineral deposits in steep terrain, with contracts in Canada, Alaska and Greenland. Research and climbing have taken him to Peru, India, Oman, the Aleutian Islands, 7,500 meters above sea level in Pakistan, and 5,500 meters below sea level along the Mid-Atlantic Ridge. He received his AB from Dartmouth College in 1980, and his PhD from the University of Washington in 1987. He spent 16 years at the Woods Hole Oceanographic Institution before moving to Columbia's Lamont Doherty Earth Observatory in 2004.

SPE STUDENT CHAPTER REPORTS

USC SPE Student Chapter

As the 2020 summer semester begins at the University of Southern California, our SPE student chapter has formed a new board, which among some of the members are experienced board members of previous years with a great and successful experience of hosting NASS 2020 at USC as well as new members with fresh ideas. We have formed a diverse board, including both graduate students and undergraduates, to be able to address the variety of issues that interests both groups. Some of our new board members are pictured below from left to right: Shadi Torabi (President), Nicholas LaBelle (Vice President), Ulugbek Djuraev (Membership/Outreach Chair), Jay Swarup (Secretary), Mohammad Galadari (Media Chair), and Brian Vite (Treasurer).



We are looking forward to planning productive events and modifying the event structure to suit the current circumstances if it lasts during the following school year as well. With all of these events, we are ramping up our recruitment to gain a robust student base that will benefit tremendously by learning more about the energy industry throughout the year. If you or someone you know is interested in sharing your knowledge of the oil and gas industry with our students, you can contact our chapter



Los Angeles Basin Section

**LOS ANGELES BASIN SECTION
SOCIETY OF PETROLEUM ENGINEERS
Board of Directors Meeting
Tuesday, April 14, 2020 10:30 -11:30 a.m.
Minutes**



Attendance:

- Baldev Gill**, Chair, 2018 WRM Co-chair (not present)
- Francois Florence**, Treasurer, Board Member through 2021
- Andrew López**, Vice Chair and Secretary, Board Member through 2021
- Ian Johncheck**, Scholarship Comm., YP Outreach, Board Member through 2022
- Ted Frankiewicz**, Jr Past Chair 2014-2015 and Board Member
- Robert Schaaf**, Sr. Past Chair, Board member through 2020
- Vanessa Perez**, Outreach Committee, Board member through 2022
- Ryan Kwong**, Awards Committee, Board Member through 2020 (not present)
- JR Smoyer**, Board Member through 2020 (not present)
- Mark Ghann-Amoah**, Board member through 2020 (not present)

Committee Members and Affiliates:

- Steve Shryock, Student Liaison
- Ted Hayrapetian, USC Student Chapter, President (not present)
- Shadi Torabi, USC (not present)
- Scott Hara, Outreach Committee
- Brian Tran, Scholarship Chair (not present)
- Cesar Ruiz, CSULB (not present)
- Aaron Perez, CSULB Student Chapter President (not present)

Call to Order – 10:35 AM; quorum check

Ted had Baldev's proxy

Approval of the Agenda

Agenda approved; board does not remember who made motion and who seconded.
Approval was unanimous.

1) Approval of the Minutes for the Board Meetings held on February 11, 2020

Minutes approved with comments

The above occurred before Andrew joined

Andrew arrived 10:40

2) Actions:

a) Board Members

-

3) REPORTS:

- a) Treasurer's Report – Ted made motion to approve, Andrew seconded, all approved
- b) DL Selection Update
 - Ted made a motion to cancel, multiple votes in favor; interrupted by alternate motion by Andrew
 - Andrew made a motion to hold meeting virtually using MS Teams, Zoom, WebEx or another similar platform
 - (1) Board voted to hold meeting virtually
 - (2) Ted and Andrew will perform a test meeting with Susan Howes (May speaker)
 - (3) Andrew will reach out to Susan to see if she needs any coaching on virtual meetings
 - Ted is reaching out to David Smith (ConocoPhillips) for the June luncheon. His talk is titled "Driving Conformance Success Through Better Problem Understanding and a Process Approach"
- c) Golf Committee – Tournament is postponed
 - New date is September 25th
 - (1) This is the off Friday for CRC
 - Ted spoke with JR and JR is also able to help with the registration website
- d) Outreach
 - Sr. High OC Science Awards went virtual
- e) SPE – National
 - Ted is on award committee for regional and Chair for international in facilities awards
- f) WRM – Cancelled and will be providing refunds
- g) YP Activities – YP event cancelled by stay at home order
- h) Student Liaison – no update

4) Student Chapter Reports

- a) USC – having difficulty transferring the officer positions
- b) CSULB – likely similar issues

5) Adjournment

The meeting was adjourned at 11:08 am (Pacific Time Zone).

Respectfully submitted,
Andrew López
Secretary

SELECTED SPE UPCOMING EVENTS 2020

Date	Title
June 9*	<p>Driving Conformance Success Through Better Problem Understanding and a Process Approach David D. Smith, ConocoPhillips Inc.</p> <p>June 9 at NOON on a MS Teams online meeting (go to page 3 for link)</p>
Sept 8*	TBA
July & August	LASPE Section Summer Hiatus
Sept 25	LASPE Annual Charity Golf Tournament
* Asterisk * on 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
September	8/17/20	8/24/20	8/28/20	9/1/20



2019-2020 LASPE OFFICERS, BOARD & CONTACTS

Name	Position	E-mail
Baldev Gill	LASPE Chairperson 2019-2020	baldev.Gill@longbeach.gov
Andrew Lopez	Vice Chairperson 2020 - 2020	aslopez@burnsmcd.com
Robert Schaaf	Past Chair - Board Member	rschaaf@socal.rr.com
Ryan Kwong	Board member through 2020	ryankwong30@gmail.com
Francois Florence	Treasurer - Board member through 2020	francois.florence@gmail.com
Andrew Lopez	Secretary - Board member through 2021	aslopez@burnsmcd.com
Ian Johnecheck	Board member through 2022	ianJohnecheck@gmail.com
Ted Frankiewicz	Board member through 2020	tcfrankiewicz@gmail.com
Mark Ghann-Amoah	Board member through 2020	mark.ghann_amoah@yahoo.com
Vanessa Perez	Board member through 2022	perezv28@gmail.com
Committee Chairs		
Ryan Kwong	Awards	ryankwong30@gmail.com
Ted Frankiewicz	Forum and Program Chair	tcfrankiewicz@gmail.com
JR Smoyer	Golf Tournament Committee Advisor	Jr.smoyer@tigerwireline.com
Scott Hara	Community Outreach/STEM	scotthara@yahoo.com
Vanessa Perez		perezv28@gmail.com
Dr. Sam Sarem	Membership	Sam4IPRC@aol.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 Smoyer	Young Professional	JR.smoyer@tigerwireline.com
Robert Schaaf	Nominations pro tem	rschaaf@socal.rr.com
Larry Gilpin	Newsletter & Website Editor / Publisher	Larry@4thForge.com
Steve Shryock	Student Chapter Liaison	sgshryock@aol.com
Dr. Jalal Torabzadeh	Student Chapter Advisor - CSULB	jalal.torabzadeh@csulb.edu
Aaron Perez	Student Chapter President - CSULB	aaron.Perez02@student.csulb.edu beach.spe@gmail.com
Dr. Iraj Ershaghi	Student Chapter Advisor – USC	ershaghi@usc.edu
Shadi Torabi	Student Chapter President - USC	uscspe@usc.edu shaditor@usc.edu
Dr. Steve Cheung	SPE Regional Director-North America	stevespe@yahoo.com
SPE International	Contact for Sections	sections@SPE.org