



Los Angeles Basin Section Society of Petroleum Engineers

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

NEW VENUE FOR THE SPE TECHNOLOGY LUNCHEON
Wednesday October 11th 11:30 AM

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

SPE Distinguished Lecturer:

Simon J. Sparke

**Well Integrity in the Operate Phase of the Well
Life Cycle**

Our Role as Crime Scene Detectives

Lunch Price: \$25.00 Make your Lunch Selection from Menu Below

RSVP with the Number of your selection to:

tcfrankiewicz@gmail.com

Lunch Menu Selections for SPE Technology Luncheon 10/11/2023

•Selections are served with Choice of 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

NEW VENUE FOR THE SPE TECHNOLOGY LUNCHEON **Wednesday October 11th 11:30 AM**

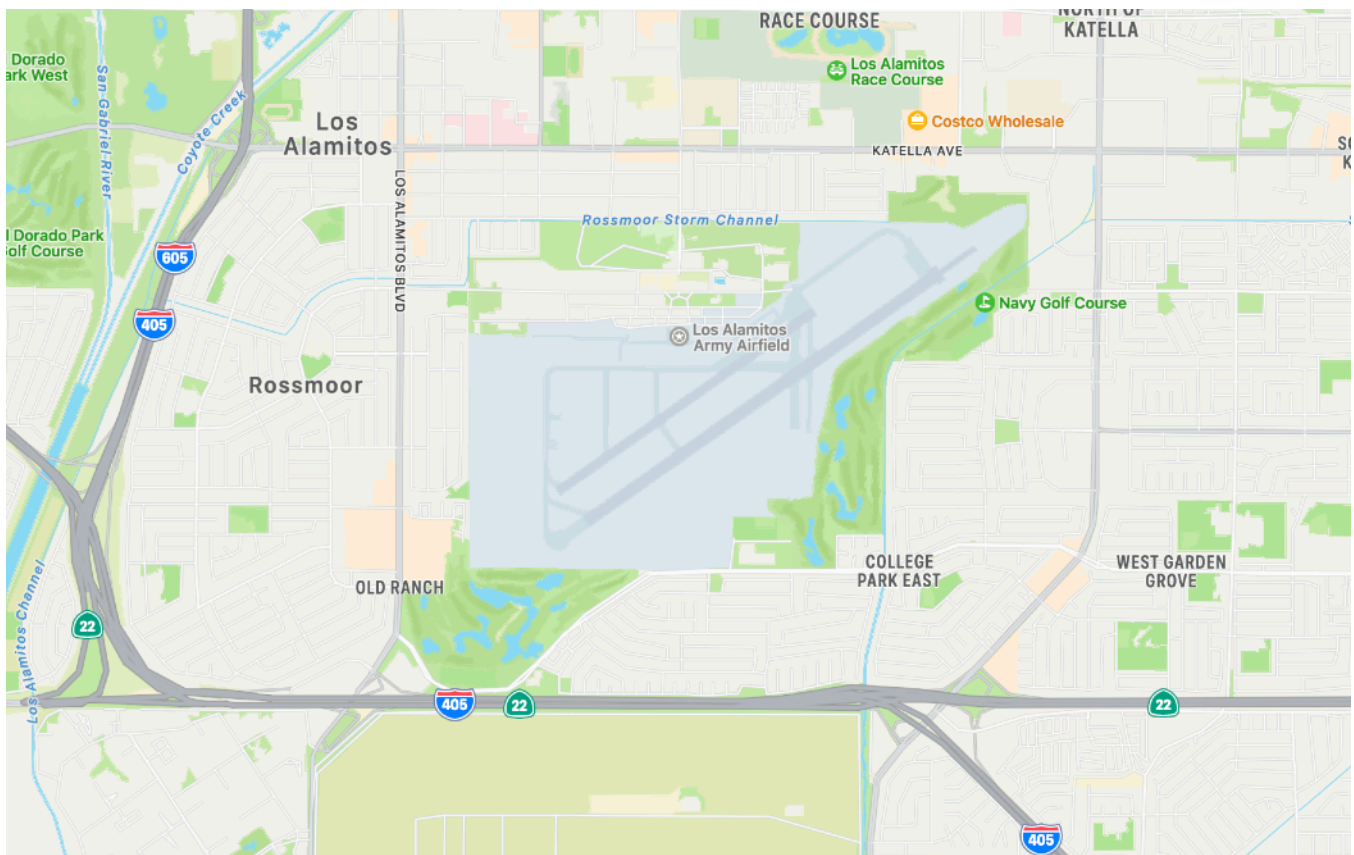
DIRECTIONS:

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!





**Society of Petroleum Engineers
Distinguished Lecturer 2023-24 Lecture Season**

**Well Integrity in the Operate Phase of the Well Lifecycle –
Our Role as Crime Scene Detectives**

**Simon J. Sparke
International Well Integrity Ltd**

Abstract:

Having a well integrity problem is not a sin, but doing nothing about it is! Globally, there are over two millions wells, and it is well documented that at least 40% have mechanical problems that require risk assessment and mitigation. Many of these wells are old and close to de-commissioning but day to day management remains a key issue.

This dynamic presentation shows and documents how over time, key industry events have impacted the well construction and management process of our well stock. Changes are partly driven by regulations in one part of the world and utilised by other regions as best practices. Technical advances in engineering and sciences also create change by providing greater access to well data and well operational status. Finally, software such as Well Integrity Management Systems (WIMS) has brought about an awareness of the wells status and how it can be better managed particularly as part of the ageing process.

Well integrity is an exciting discipline that embraces a wide range of subjects and skills. Like crime scene investigation, the evidence is provided - it's a case of reviewing and understanding the data, that ultimately leads you and the team to making a decision on the best way to manage your well(s)

Biography:

Simon began his career in 1978 working for Schlumberger in the Middle East. Over the next 25 years he worked globally for a variety of service providers and Operators in various field and office based roles both onshore and offshore as an Operations Engineer. Gaining a masters degree in 2005 he moved into Operations Management for a major independent operator and built his first well integrity management system, publishing SPE MS-142449, 'Seven Pillars of Well Integrity' which identified, which established the key seven system ingredients for well integrity. Considerable experience and knowledge was gained as a co-author of ISO Well Integrity Standard 16530-1. Now, as an independent contractor, he authors key operations related documents for a wide range of clients, building well integrity management systems and providing training schools in many countries and languages for all types of wells. Simon is an active member of the SPE, and is working on various committees to promote well integrity awareness on a global basis.

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LASPE Website

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

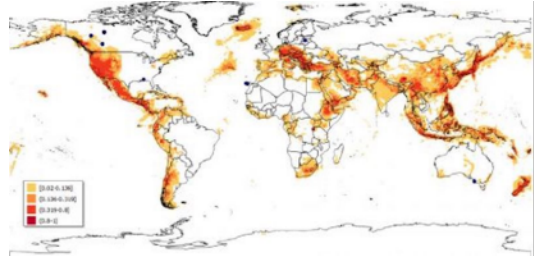


LASPE ENERGYTRANSITION STUDY GROUP UPDATE

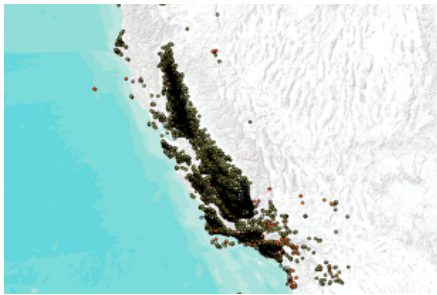
by Steve Cheung and Ted Frankiewicz

We are pleased to report that the LASPE Energy Transition Study Group held our first Zoom meeting on September 5, 2023. Steve Cheung started the meeting by sharing the rationale for forming the Study Group.

- (1) The subsurface in Southern California is hot. It is one of the world's great geothermal resource areas.



- (2) Oil fields in Southern California are maturing. Many wells are being plugged and abandoned. Can we re-purpose some of these wells into geothermal wells?



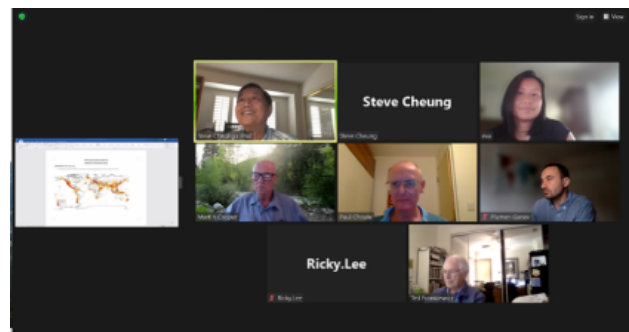
- (3) There are many oil and gas experts locally. Their skills can be transferable to geothermal operations.

- (4) To have a setting to gather as a group of people who have passion to learn more about geothermal.

- (5) Be able to develop a team that can accelerate geothermal development in Southern California.

- (6) Help improve the image and possibilities of petroleum engineers in California by addressing climate change, creating local jobs and consulting opportunities, networking, and growing LASPE membership.

The meeting then had introductions followed by the group brainstorming ideas for future events, presentations, and projects. We agreed on holding an Energy Transition social networking event in the first quarter of 2024. The event will stir up local interest. The networking event will also encourage energy transition publications, sponsors, and exhibitors to attend the proposed SPE Western Regional Meeting in 2025.



We will meet every month to learn more about energy transition and develop activities to accelerate transition efforts. Our next Zoom meeting is scheduled for October 3, 2023. We welcome new members. Please contact Steve Cheung at steveior@yahoo.com.

WORLD GEOTHERMAL CONGRESS, BEIJING, CHINA

by Steve Cheung



Conference Center

I attended the World Geothermal Congress (WGC) in Beijing September 13 to 17, 2023. The event was a success.

It was reported that over 1500 people from over 54 countries attended. There were over 250 exhibit booths. I noticed that over 80% of the delegates, papers, posters and exhibits were from China. There were many simultaneous sessions and I attend those on the country updates and those related to oil and gas.



Opening Ceremony



Presentation



Exhibits



Met with Andrew Set from Canada

I am glad to report that I have made new contacts with delegates from China, Japan, Indonesia, Kenya, Spain, Canada, Mexico, New Zealand, and Iceland

WORLD GEOTHERMAL CONGRESS, BEIJING, CHINA

by Steve Cheung



Map of Geothermal District
Heating for a large community



Geothermal Wellhead

I joined a two day field trip to Xiong An, about a 3-hour drive from Beijing. It is one of the world's largest geothermal community heating areas.

We visited the SINOPEC Green sites where they are experimenting with a hybrid form of geothermal heating, solar electric generation, and the use of Digital Twin to optimize the system.

The next World Geothermal Congress will take place in Calgary, Canada in 2026 and I look forward to attending.



SINOPEC Green research center

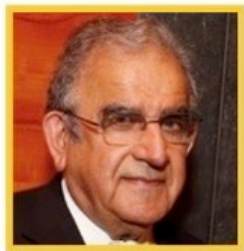
The next World Geothermal Congress will take place in Calgary, Canada in 2026 and I look forward to attending.

USC SPE STUDENT CHAPTER SEPTEMBER REPORT

On September 5, 2023, the USC SPE Student Chapter started the new academic year with a general membership meeting and two invited speakers. The first talk was by Mr. Simeon Eburi, who discussed the importance of students joining the professional organization of SPE. The second talk was by Dr. Hosseini from the Texas Bureau of Economic Geology. Dr. Hosseini talked about CCUS.



USC SPE Chapter Officers



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USC SPE STUDENT CHAPTER REPORT



Mr. Simeon Eburi

Simeon Eburi is currently serving as 2023 SPE North America Regional Director. He is a Reservoir Management Advisor in Chevron's Technical Center. He has spent much of his professional life at Chevron in roles ranging from frontier exploration and new ventures petroleum engineer, production operations supervisor in Bakersfield, California, decision, and economic analyst/advisor for deepwater US Gulf of Mexico Exploration, and reservoir simulation engineer, reservoir engineer and production engineer for Shale and Tight assets. He was the chair of the SPE Gulf Coast Section (GCS) Board of Directors in 2020 and received the SPE Gulf Coast North America Regional Young Member Outstanding Service Award in 2019. He also received the SPE GCS Committee of the Year Award as Education Committee Chair in 2016 and was SPE-GCS Young Professionals Committee Chair in 2013, receiving the SPE Houston Young Engineer of the Year Award in 2014. Eburi holds master's and bachelor's degrees



Dr. Seyyed A. Hosseini

Dr. Seyyed A. Hosseini has a PhD in Petroleum Engineering from University of Tulsa,

OK. He currently holds the Senior Research Scientist position at Gulf Coast Carbon Center (GCCC), The Bureau of Economic Geology, The University of Texas at Austin working on various topics related to multiphase fluid flow in porous media. GCCC focuses on CO₂ enhanced oil recovery and geologic storage, an essential component of CCUS. GCCC has led multiple field and laboratory studies on many aspects of the CCUS process, including estimating underground storage capacity, optimizing enhanced oil recovery to both store CO₂ and recover oil, designing and implementing commercial monitoring programs, application of machine learning and data analytics

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LNG – Changing Quickly

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Presented by John Morgan



Diagnosing and Resolving Chemical and Mechanical Problems in Produced Water Treating Systems

Contains 2 Component(s)

Presented by Ted Frankiewicz



Tight Oil Approaches and Technology Gaps - What Works, What Hasn't

Contains 3 Component(s), Includes Credits

Presented by George E. King



Produced Water Management--"Waste to Value"

Contains 3 Component(s)

Presented by Dwyann Dalrymple



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

Contains 3 Component(s), Includes Credits

Presented by Ms. Audrey Mascarenhas



Prediction of Oil Asphaltene Behavior based on Fluid Characterization

Contains 2 Component(s)

Presented by Artur Stankiewicz



« 1 2 3 4 5 6 7 8 9 10 11 »

SELECTED SPE UPCOMING EVENTS 2023-2024

Date	Title
Oct 11	LASPE Distinguished Lecturer Simon J. Sparke Well Integrity in the Operate Phase of the Well Lifecycle – Our Role as Crime Scene Detectives (page 1 & 2)
Feb 12, 2024	LASPE Distinguished Lecturer Rawdon Seager Carbon Capture and Storage and the CO2 Storage Resources Management System (SRMS)
April 14 - 18 2024	SPE WRM 2024 Crowne Plaza Hotel, Palo Alto General Chair: Mark McClure, mark@resfrac.com Technical Program Chair: Roland Horne, horne@stanford.edu
	* 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
Nov	10/16	10/27	10/30	Nov 1
Dec	11/20	11/30	11/30	12/1



2023 - 2024 LASPE OFFICERS, BOARD & CONTACTS

Name	Position	E-mail
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