

Los Angeles Basin Section Society of Petroleum Engineers

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

REGISTER FOR THE SPE TECHNOLOGY LUNCHEON

Tuesday November 14th 11:30 AM

Biomineralization: A novel solution to plugging and abandoning the “budget busting” wells with sustained casing pressure

John Griffin

Vice President of Sales, The BioSqueeze Corporation

Abstract:

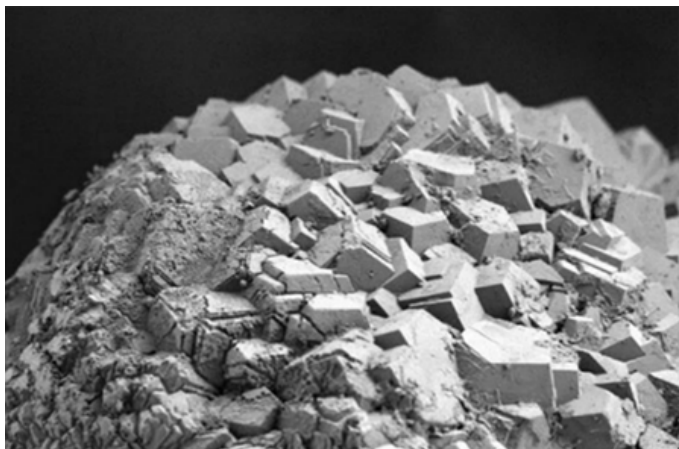
The deployment of biocementation has had unprecedented success at sealing some of the most difficult and expensive P&A projects across North America, restoring wellbore integrity, curbing fugitive emissions, and preventing runaway abandonment costs. This presentation will explain the development of the biomineralization fluid technology BioSqueeze® which provides the controlled deposition of crystalline calcium carbonate, often referred to as biocement. The presentation will also include lessons learned and best practices developed from sealing over 120 wells across North America with sustained casing pressure.

Bio:

John Griffin is the Vice President of Sales for BioSqueeze with 15 years of experience in oil and gas operations and engineering. John started his career in 2008 as a field engineer working offshore Gulf of

Mexico before relocating to Denver, CO where he now resides. His background is in

downhole completion tools, wellbore interventions, and abandonments. John joined BioSqueeze in 2022 to help drive company growth and has been overseeing the expansion into the oil and gas sector and the deployment of the technology into some of the most problematic and expensive onshore wells with sustained casing pressure to date.



SEM image of calcite crystals bonded to cement (rough amorphous) and other calcite crystals (flat hexagonal).

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

Speaker:
John Griffin
Vice President of Sales, The BioSqueeze Corporation

Lunch Price: \$25.00 (Students \$10.00) Make your Lunch Selection from Menu Below

Cash or Check RSVP with the Number of your selection & Side Dish to: 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/ea1ca06f-1f5e-45ab-896f-b39dfdfa0cf4>

Lunch Menu Selections for SPE Technology Luncheon 11/14/2023

•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

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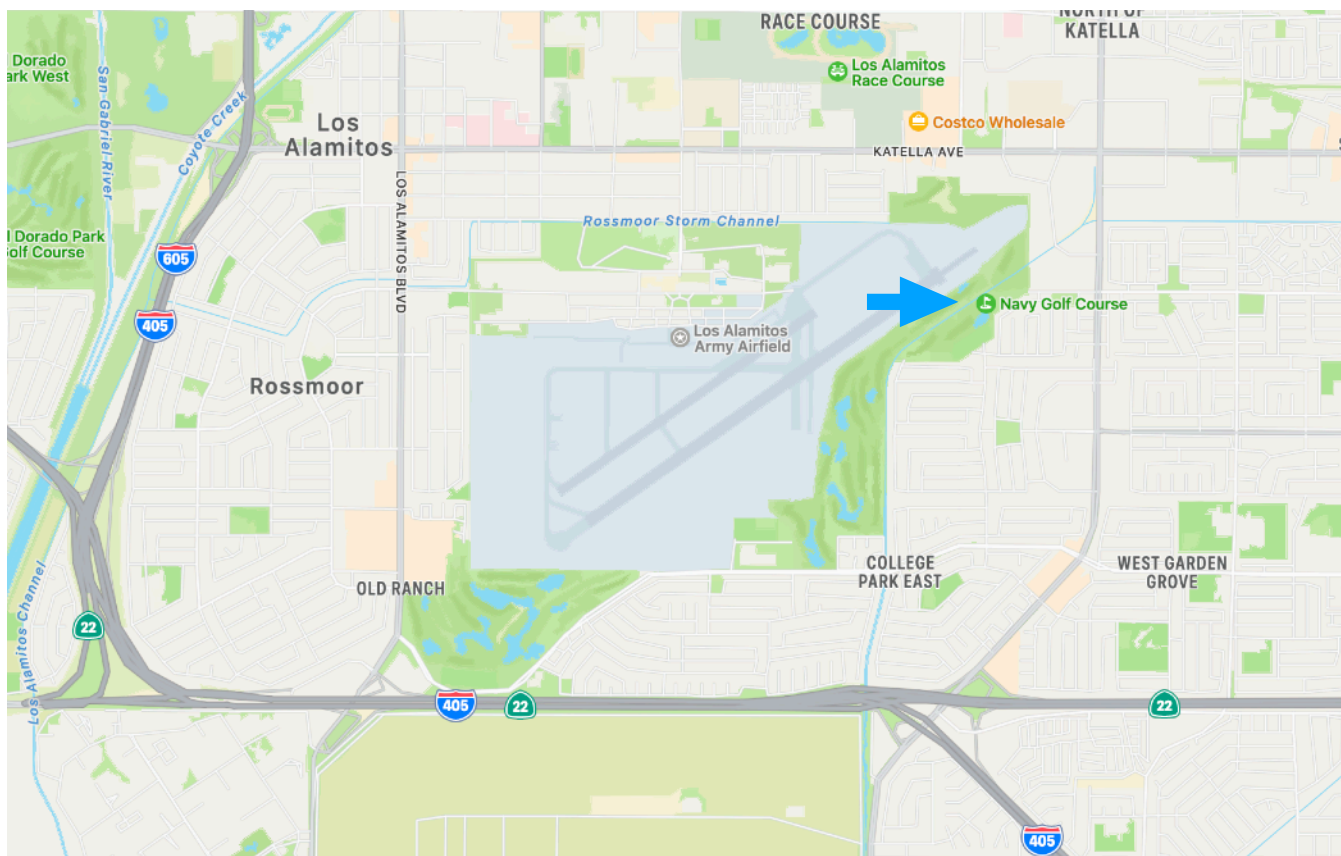
DIRECTIONS:

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!



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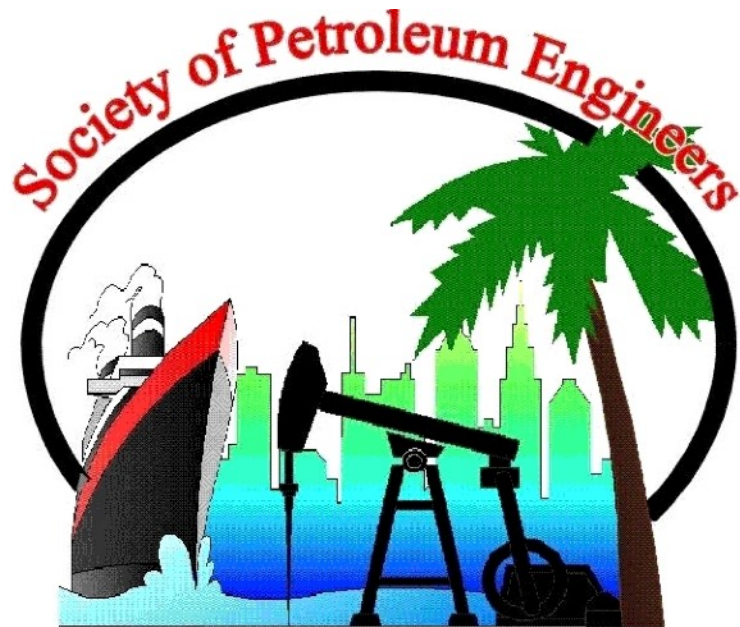
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LASPE Website

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



Los Angeles Basin Section

www.laspe.org

USC SPE STUDENT CHAPTER OCTOBER REPORT

Introduction:

During October 2023, ten USC students, comprising undergraduate, graduate, and doctoral candidates, represented the USC SPE chapter at the SPE-ATCE in San Antonio, Texas.

ATCE Overview:

SPE-ATCE brings together professionals in Energy Exploration and Production (E&P). The conference primarily focuses on networking by fostering discussions surrounding innovations in energy and technology advancements, and this year, in particular, included sessions on sustainable energy solutions and growth in the upstream industry. ATCE serves as a pivotal forum to explore how companies are investing in the landscape of global energy, with challenges in supply chain issues, skilled workforce shortages, inflation concerns, and more.

Activities at ATCE:

During our participation at ATCE, we engaged in a series of impactful activities. On the opening day, Monday, October 16th, our chapter promoted the outstanding engineering programs at USC. We actively participated in the exhibition, showcasing our research, programs, and exceptional talents within our student body. The ATCE exhibition provided a valuable networking opportunity and allowed us to explore opportunities in the field of energy exploration and production.

In the evening of the same day, we participated in a special "USC Alumni Reception" that facilitated connections between our current students and USC alumni within the industry. This event served as a platform for students to gain insights from experienced professionals who had once been part of the USC community.

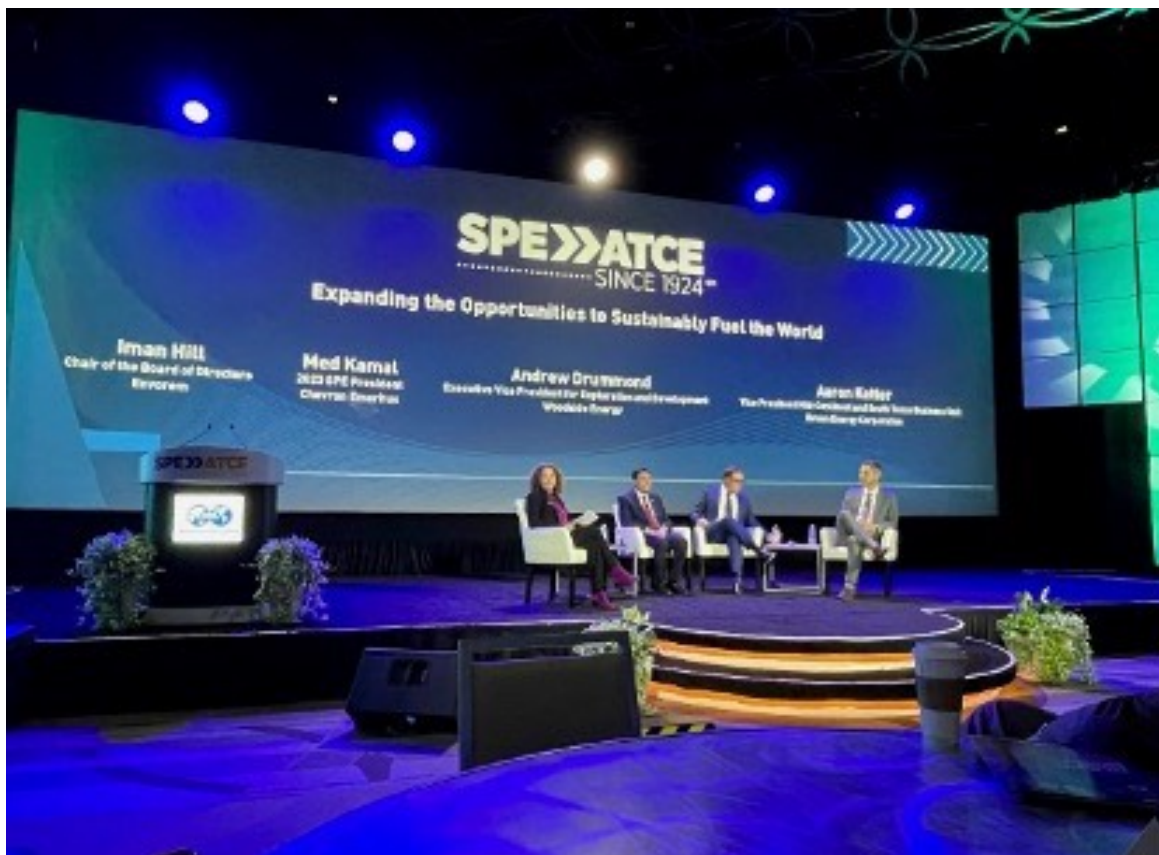
On Tuesday, October 17th, our chapter took part in the SPE-organized career fair, providing students with the chance to interact with potential employers, explore various career paths, and establish critical connections in the industry.

On Monday and Tuesday, at the USC Exhibit, ECET_USC conducted a competition. Together, Twenty-four out of 114 people who participated in the competition had the right answers, and each received a \$50 gift card provided by one of our alumni, Mr. Mark Fissell.

On Tuesday evening, some of our students and some faculty attended the prestigious "Annual Reception and Banquet." Dr. Jafarpour, a faculty in Petroleum Engineering, was an award recipient. This event enabled attendees to network with many other leaders in the industry. During Tuesday and Wednesday, our students actively participated in a number of sessions. Chevron partially sponsored the student trip expenses. There were some papers presented by USC, in particular SPE 214793, that was very well received as it reminded all that the area of energy will be the best for students to pursue.

Attending ATCE was an essential aspect of our educational experience.

USC SPE STUDENT CHAPTER REPORT PHOTOS



SELECTED SPE UPCOMING EVENTS 2023-2024

Date	Title
Nov 14 2023	John Griffin The BioSqueeze Corporation Biom mineralization: A novel solution to plugging and abandoning the “budget busting” wells with sustained casing pressure
Dec 12 2023	Program to be Determined
Jan 9 2024	Professor Jafarpour, USC Department of Engineering
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
Dec	11/20	11/30	11/30	12/1
Jan	12/11	12/18	12/27	1/1



2023 - 2024 LASPE OFFICERS, BOARD & CONTACTS

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