

SJV SPE News

*San Joaquin Valley Section
Society of Petroleum Engineers*



San Joaquin Valley Section



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From the Chair, Jeff Kim California Resources Corporation, Jeff.Kim@crc.com

Dear Members,

The end of first quarter for 2018 is fast approaching! My obsession over reviewing weekly petroleum inventories has not changed. It's absolutely fascinating to see how the oil price reacts based on not just the inventory report but from many other influences such as U.S. jobs data and geopolitical stability. It will be interesting to see how the future oil market will react from recent news such as fragility of Libyan supply shown by El Sharara field outage and departure of US Secretary of State Rex Tillerson.

We are canceling our golf tournament for April 2018 due to logistic issues but that does not mean we will stop supporting our local students with scholarships! Expect to see the scholarship application become available on our website by April. Our next golf tournament fund raising event for student scholarships is planned for February 2019. So please stay tuned as we get more updates for our members soon.

Tarang, our community outreach chair, has updates from our first Kern County Career Expo and upcoming events for our section members. Also, don't forget to check photos college event our CSUB student chapter participated in this newsletter. They have talked to the local youth about the importance of college and the industry they love.

"Dear Members,

Thank you to those of you who helped with the Inaugural Kern County Career Expo! We had over 100 vendors and 4000 students participate. We were able to share information about SPE and reach out to many high school and college students and share our scholarship program with them. The SPE Scholarship offers up to \$5000/year and is geared towards incoming college freshman and non-graduating college students pursuing a degree in petroleum engineering, geology, or a petroleum related field. The deadline for submission is Friday, April 13th and more information can be found on the website, at <http://sjv.spe.org/aboutus/scholarships>. Look forward to your submissions! Feel free to share with others that may be interested! On a different note, there is an INNOVATION focused Startup Weekend event, "Grow with Google" hosted by Aera Energy LLC (10000 Ming Ave., Bakersfield, CA 93311) on March 16-18. If you are interested in participating, you can find out more at <http://communities.techstars.com/usa/bakersfield-ca-usa/startup-weekend/12378> and purchase your tickets (FREE)! As of the end of Feb., there were 70 people signed up and the event capacity is 120. Sign up now before it's too late! For more information, please contact Ivan Sljivar at ISljivar@aeraenergy.com.

Thank you,

Tarang Lal, tlal@aeraenergy.com"

As always, I would love to hear your comments and ideas about how we can better serve our members. Please feel free to contact me at Jeff.Kim@CRC.com.

Sincerely,



Jeff Kim

SPE SJV - Training Opportunities for 2018:

2018 is coming soon, new budgets for training will be allocated and training plans are soon to be decided. With the recent downturn, some of many members haven't the possibility to enroll in as much training as desired due to the cost of training and associated expenses (especially out of town). For this reason, SPE is partnering with various courses providers in order to bring high quality learning opportunities to Bakersfield at the lowest possible cost for participants.

** Details for classes are to come during the year and all dates are tentative.

** Enrollment will open in January 2018. Classes execution will depend on enrollment the sooner you enroll and/or can commit, the more trainings can be brought!

For comments and suggestions: gmoog@aeraenergy.com

Course Title	Schedule Date	Length	Instructor
Steam Distribution & Metering (Enrollment open!)	Mar. 13 th	1 day	Suzanne Castrup Integrated Sciences Group
Production Gauging Principles & Methods (Enrollment open!)	Mar. 14 th	1 Day	Suzanne Castrup Integrated Sciences Group
Waterflood 101	Apr. 30-May 4	1 day	Val Lerma - Interact
Drilling 101: Intro To Drilling Engineering	Apr. 30-May 4	1 day	Val Lerma - Interact
Completion 101	Apr. 30-May 4	1 day	Val Lerma - Interact
Cementing 101	Apr. 30-May 4	1 day	Val Lerma - Interact
Casing design 101	Apr. 30-May 4	1 day	Val Lerma - Interact
API storage tank Course	Sept. 18-20	3 days	John Cornell
Potential Courses			
Cement Evaluation and Remediation	TBD	2 days	Dr. James Smolen - SPE William (Bill) Ott - SPE
Data Driven Analytics (Data Mining)	TBD	1 day	Andrei Popa - Chevron
Decision Quality	TBD	2.5 days	Eric Bickel - Decision Strategic Group
Modeling for strategic insight	TBD	2.5 days	Eric Bickel - Decision Strategic Group
New Opportunity in old Fields	TBD	5 days	Petroskills

[Course Descriptions Link](#)

Steam Distribution and Metering Tutorial

March 13, 2018, 8:30 am to 4:30 pm

University of Phoenix, Bakersfield, CA

\$895 per Student



Course Description

This one-day professional short course covers the basic concepts of feed water treatment, steam generation, two-phase steam properties, and flow of steam through surface lines, pipe tees and control valves. It also includes a comprehensive, up-to-date review of steam flow splitting, rate control and metering devices used in the petroleum industry. Guidelines are presented for selecting the appropriate methods and devices for improving steam distribution and designing a cost effective monitoring program. The course outline is available at www.isgmax.com/sdm_outline.htm.

Who Should Attend

This course is designed for facility, reservoir, and production engineers currently responsible for the design, implementation and management of steamflood or cyclic steam stimulation (CSS) projects. However, the contents of this course are also beneficial for field supervisors responsible for steam plant operation and other technical personnel involved in the monitoring and evaluation of steamflood or CSS projects.

Instructors

Ms. Suzanne Castrup, President of Integrated Sciences Group, has over thirty-five years of experience in heavy oil recovery. Since joining Integrated Sciences Group, she has developed several measurement science and petroleum engineering courses and provided engineering consulting services for monitoring and optimizing heavy oil projects in California, Canada, South America and the Middle East. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermally Enhanced Oil Recovery in Chevron's Western Basins Group providing in-house consultation on all aspects of steamflood and cyclic steam project design, implementation and evaluation. She has published numerous technical papers and holds several patents relating to heavy oil recovery and is a recipient of the 2007 SPE International Award for distinguished contributions to petroleum engineering projects, facilities and construction.

Registration

The deadline to register is March 6, 2016. Register by telephone (1-661-872-1683), fax (1-661-872-3669) or online (http://www.isgmax.com/sdm_training.htm). Registration is effective upon receipt of tuition. Tuition can be paid by check, Visa, MasterCard, American Express or Discover card.

Production Gauging Principles & Methods

March 14, 2018, 8:30 am to 4:30 pm

University of Phoenix, Bakersfield, CA

\$895 per Student



Course Description

This one-day professional short course covers basic well gauging principles and methods used to monitor heavy oil production from steamflood or cyclic steam projects. A comprehensive review of AWT fundamentals, including phase separation efficiency, water cut measurement, flow rate measurement, and assessment of gauging accuracy is presented along with guidelines for establishing the appropriate gauging frequency and duration for improved monitoring of steamflood and cyclic steam producers. The course outline is available at www.isgmax.com/prod_gauging.htm.

Who Should Attend

This course is designed for facility, production and reservoir engineers currently responsible for the design, implementation, operation and management of steamflood or cyclic steam projects. However, the contents of this course will also benefit other technical personnel involved in the operation and management of steamflood or cyclic steam producers.

Instructors

Ms. Suzanne Castrup, President of Integrated Sciences Group, has over thirty-five years of experience in heavy oil recovery. Since joining Integrated Sciences Group, she has developed several measurement science and petroleum engineering courses and provided engineering consulting services for monitoring and optimizing heavy oil projects in California, Canada, South America and the Middle East. Prior to joining Integrated Sciences Group, Ms. Castrup was Technical Advisor for Thermally Enhanced Oil Recovery in Chevron's Western Basins Group providing in-house consultation on all aspects of steamflood and cyclic steam project design, implementation and evaluation. She has published numerous technical papers and holds several patents relating to heavy oil recovery and is a recipient of the 2007 SPE International Award for distinguished contributions to petroleum engineering projects, facilities and construction.

Mr. Charlie Webb, Golden Trout Engineering LLC, has over thirty-five years of facilities and production engineering experience working on various Chevron heavy oil projects in the San Joaquin Valley, including thirty-three years with Chevron. During his tenure with Chevron, he managed the 1Y Antelope cyclic steam optimization project in the Cymric field and oversaw efforts to improve the accuracy of well gauging facilities. He is a recipient of the 2009 SPE International Award for distinguished contributions to petroleum engineering projects, facilities and construction. Mr. Webb is currently a consultant with Golden Trout Engineering.

Registration

The deadline to register is **March 7, 2016**. Register by telephone (1-661-872-1683), fax (1-661-872-3669) or online (http://www.isgmax.com/prod_gauging_training.htm). Registration is effective upon receipt of tuition. Tuition can be paid by check, Visa, MasterCard, American Express or Discover card.

Minimizing Environmental and Safety Risks to Sustain Resource Recovery - A Case Study

Marina Voskanian, P.E.
California State Lands Commission

Thursday, March 15th 2018 @ 11:30 AM

Petroleum Club 12th Floor - 5060 California Avenue, Bakersfield

Speaker: Marina Voskanian, P.E., Division Chief, California State Lands Commission

Reservations: RSVP by March 14th to avoid walk-in payment

Using the corresponding link below to pay online:

[Online Payment Link](#)

OR

Email Reza Ardali at mojtaba.ardali@CRC.com

Abstract

Management of environmental and personnel hazard risks is one of the most critical components of a corporate business plan worldwide, and can significantly impact the ability to achieve the maximum potential from a resource. These risks can be effectively managed only through tested, proven, and state-of-the-art prevention methods. This principle is central to resource development strategy. Well planned risk mitigation practices described in this presentation can help assure uninterrupted resource development and recovery, and avoid premature termination of production, loss of revenue and significant human and environmental cost. In California, risk mitigation efforts on state offshore oil fields have been practiced for decades. Its oil spill and safety hazard prevention programs have played a significant role in sustaining the States resource development and production. This lecture will highlight the elements of California's effective risk mitigation practices and its benefits. State-of-the-art pipeline and facility inspection and testing procedures, blowout preventer inspection and certification, utilization of advanced well drilling technologies, and structural assessment of offshore platforms, are significant components of this program. The success which these risk prevention programs have had can be a template which domestic and international developers and regulators can follow. By way of contrast, this lecture also presents a case study highlighting the consequences of a poorly planned and executed risk mitigation plan involving an oil spill into the ocean from an onshore pipeline by a major pipeline company. The environmental impact from this event has had widespread financial consequences, but the lessons learned from it can be universally beneficial if applied correctly.

Biography

Ms. Voskanian is the Division Chief of the California State Lands Commission and directs the leasing and management of State lands for the efficient extraction of oil, gas, geothermal, and other minerals. Marina has been employed with the State since 1987, and prior to that, worked 11 years for Exxon, Southern California Gas, and Phillips Petroleum. Marina received several Certificate of Excellence Awards from the State. An active SPE member, she served as the SPE Western Regional Director from 1992-96. She received several other SPE awards: 1991 Regional Service Award, 2000 Distinguished Member and Distinguished Service Award, 2013 Western North American Region HSE Award. She is a three time SPE Distinguished Lecturer, and selected again as Distinguished Lecturer for 2017. She was honored at SPE's 2016 Annual Meeting in Dubai, where she was awarded SPE's Health, Safety, Security, Environment, and Social Responsibility Award. In 2013, she was nominated by the US Secretary of Interior to the US EITI Advisory Board for six years and also serves as the 2016 Chairperson of the Baldwin Hills Conservancy Board. Marina is a Registered Petroleum Engineer and received her graduate degrees in petroleum engineering from USC where later she served as a part-time lecturer for 15 years.

GOLDEN TROUT ENGINEERING^{LLC}

Technical Consulting for the Oil & Gas Industry

I am Charlie Webb, owner of Golden Trout Engineering in Bakersfield, California. I have 36 years of unique technical experience with heavy and light oil fields in the San Joaquin Valley, including expertise in new technology development, project management, and design & construction of facilities. I worked 33 years with Chevron, including the six years as Technology Advisor for the San Joaquin Valley Business Unit.

Contact Information

Golden Trout Engineering, LLC
 202 Cannongate Drive
 Bakersfield, CA 93312
 (661) 331-4779
Charlie.webb@bak.rr.com
goldentroutengineering.com

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San Joaquin Valley Section

Announcing the SPE SJV Section Monthly Networking Bash

Sponsored by:

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Thursday March 22, 2018

5:30 to 7:30 pm

at

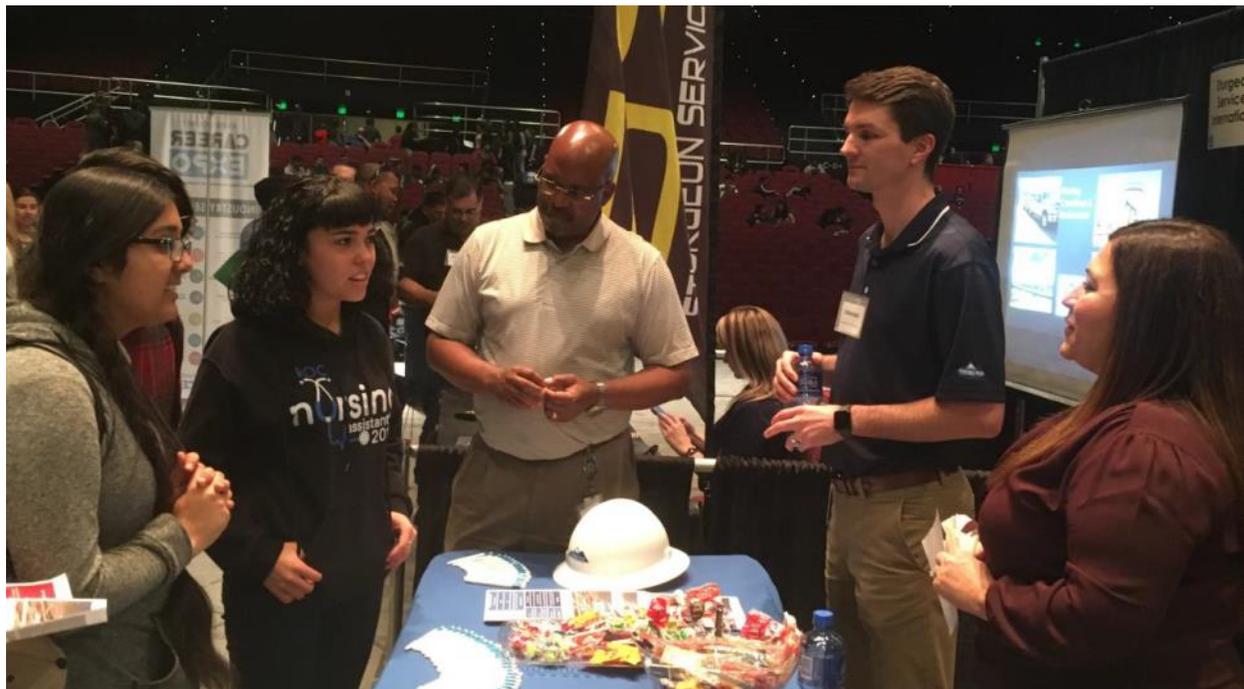
**Lengthwise Brewery “The Pub” Northwest
2900 Calloway**

SPE Networking bashes are held monthly as a service to our members. This is a great opportunity to come out and meet people from all areas of our industry in a social setting.

Our sponsor generously provides appetizers for your enjoyment while you are meeting new people or visiting with a longtime colleague.

KC Career Expo Event

SPE members volunteered to discuss engineering with local high school students



Western Region Awards

We all work tirelessly to progress our profession, but there are a few standouts in each discipline. Please take the time to honor college's efforts and nominate them for an award.

Winners will be presented with a plaque at the upcoming Western Regional Meeting in Anaheim, April 22nd-26th.

Technical Awards

Completions Optimization and Technology
Drilling Engineering
Formation Evaluation
Health, Safety, Social Responsibility and Environment
Management and Information
Production and Operations
Projects, Facilities and Construction
Reservoir Description and Dynamics

Service Awards

Distinguished Achievement Award for Petroleum Engineering Faculty
Distinguished Corporate Support Award
Regional Public Service Award
Service Award
Young Member Outstanding Service Award

Eligibility

Must be a paid, professional member

Must be residing in region for at least the most recent 12 months prior to award

Must not have served as an officer or director of the SPE International Board of Directors within 24 months of award

Must not be an Honorary Member

Must not be a recipient of:

International award equivalent

John Franklin Carl Distinguished Professional Award

Lester C. Uren Technical Excellence Award

DeGolyer Distinguished Service Medal

Must not be a recipient of this same award in the region in the last 5 years

Cannot be a resident in any US or EU sanctioned country

Cannot nominate self

[Nominations Can Be Made Here](#)

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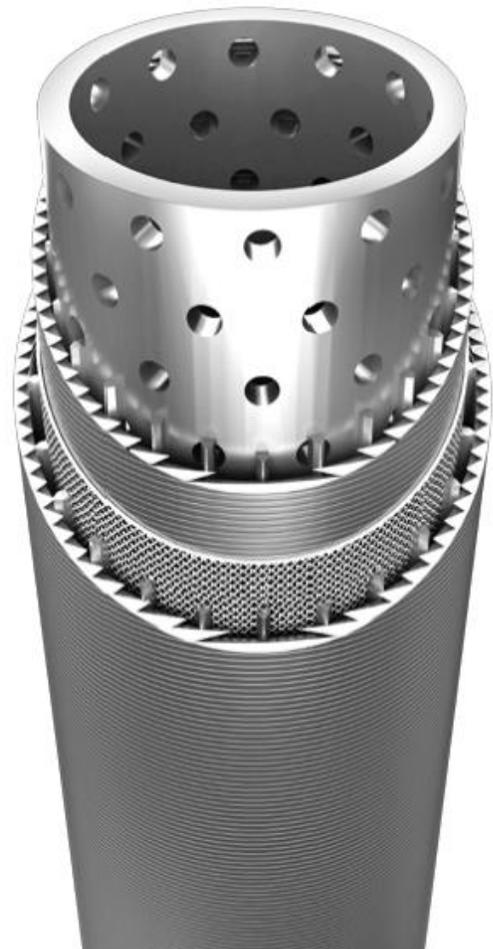
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Western Regional Meeting 2018

April 22- 26, 2018

Hyatt Regency Orange County Hotel

Garden Grove, California

EMERGING TECHNOLOGIES FOR MAXIMIZING RECOVERIES

Welcome Message

Dear Colleagues,

We invite you to attend the 2018 Western Regional Meeting, 22-26 April 2018 at the Hyatt Regency Orange County Hotel, Garden Grove, California – which is less than 10 a minute drive to Disneyland USA.

This year we are expecting to have an exceptional and diverse program covering thermal, conventional and unconventional operations from Alaska to southern California – and beyond. Between 80 and 90 technical papers will be presented at the conference. The program will include a Key Note address by The SPEI President, Darcy Spady and Panel Discussions involving Industry Executives along with state, local, and Federal regulators.

The Conference will also include several general interest field trips and a suite of 1-day and 2-day short courses which address topics of particular interest to attendees – more information on the field trips and short courses will be available later in 2017 so they can be considered as you make plans to attend.

Given the diversity of technical topics which will be addressed (see the Call for Papers page of this web site) and the top talent that will be present from our industry, we hope you will actively plan to attend the WRM 2018

Ted Frankiewicz
Spec Services
WRM 2018 Co-Chair

Baldev Gill
City of Long Beach
WRM 2018 Co-Chair

Andrei Popa
Chevron
SPEI Regional Director
Western North America Region

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2017-2018

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CSUB Student Chapter President	Soric Lovre	CSUB		Isoric@csub.edu



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Since day one Summit ESP was founded on the principal of functioning Unconventionally. Employing the most technically gifted people, giving them the tools to succeed, and responding quickly to our customer's needs has made Summit ESP the industry leader in producing unconventional wells.

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A Note from Reza Ardali, SJV-SPE Membership Chair

To state the obvious, this is a tough time in the oil business. Please note, SPE has some good benefits to help us weather through this downturn. For those of you that know of others that have been laid off, please forward this information below to them. I think this will be helpful to them.

May I suggest you take a look at the following links:

Members in Transition Toolkit: <http://www.spe.org/members/transition/>

2016 President Nathan Meehan, "Should I Stay or Should I Go?"

https://www.spe.org/twa/print/archives/2016/2016v12n1/03_PresidentsColumn_v12n1.pdf

Please note, in spite of unemployment, you can renew your SPE membership. You can apply for a Dues Waiver. To qualify for a dues waiver, you must (<http://www.spe.org/join/options.php>):

- Provide a written request for unemployment or disability.
- Submit a dues waiver request annually.
- Email service@spe.org, or write to:

SPE
Attn: Membership Processing
P.O. Box 833836
Richardson, TX 75083-3836 USA.

By keeping your membership, you will still be on our distribution list for networking, newsletters, and have access to helpful information to help you thrive in a downturn. Keeping your membership will help you get information from the SJV SPE section on future networking opportunities.

Member Benefits

- Conference and Workshop Discounts – for technical knowledge and interaction
- SPE Bookstore and Magazines – Journal of Petroleum Technology (JPT)
- Technical Papers and Libraries – access to OnePetro, largest online technical library
- Career Advancement – Leadership and volunteer opportunities, Career Center for tools
- Purchases – discounts on insurance, car rental, Lands' End Business Outfitters
- Use Membership Icon in emails

Membership includes one SPE Local Section: San Joaquin Valley (SJV) Section of SPE, sjv.spe.org



Other Resources to Join SPE

Join online: www.spe.org/join

YouTube Video: [https://www.youtube.com/How to Join SPE \(Professional Membership\)](https://www.youtube.com/How to Join SPE (Professional Membership))

Professional Membership Qualifications:

Employed in work related to petroleum industry AND have one of the following:

1. University degree equivalent to 4-year Bachelor's degree in engineering or basic or applied sciences
2. 2-year science or engineering degree or a 4-year degree in a field other than science or engineering
3. 6 years of active practice in support of petroleum engineering or in the application of science to the petroleum industry

Dues for United States are \$90/year membership + \$20 Entrance Fee

Former Member? Look at: <http://www.spe.org/join/reinstate.php>

Student? Look at: <https://www.youtube.com/Student Membership>

The background of the entire page is a photograph showing several oil pumpjacks (jack-o'-lanterns) in silhouette against a bright, hazy sky at sunset or sunrise. The pumpjacks are arranged in a line, receding into the distance. The sky is a mix of light yellow and orange, with some darker silhouettes of trees or bushes in the foreground.

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Networking events sponsorship:

Your business name will be included in our email blasts and the newsletter. You also have the chance to advertise your business in the networking event.

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