

CONNECT

SPE GULF COAST SECTION



SEPTEMBER 2018



SEPTEMBER FEATURES

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in Oil and Gas
Operations**

**Wild Well Control
Facility Visit
and Technologies
Overview**

**Completions and
Production
Symposium:
Challenges and
Perspectives**

DATA ANALYTICS

YOUNG PROFESSIONALS

COMPLETIONS & PRODUCTION

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YOUNG PROFESSIONALS

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**“THE WHOLE WORLD STEPS ASIDE FOR THE MAN WHO KNOWS WHERE HE IS GOING” - JAMES ALLEN
SUNIL LAKSHMINARAYANAN, 2018 – 2019 SPE-GCS CHAIR**

The SPE Gulf Coast Section is very much analogous to the above mentioned quote. Being the biggest, and in my opinion, the best SPE section in the world, our section is comprised of strong leaders, the best technical talent and incredibly self-driven volunteers who have a well-defined mission towards the upliftment of our industry and society.

A wholehearted welcome to all of you who form the constantly growing SPE-GCS family as we commence the 2018-2019 year. Those who attended the kickoff meeting in August saw and heard what the section managed to achieve during the 2017-2018 year. With strong leadership, recovering oil prices and tremendous activity within the society, we have gone from strong to stronger in the past four years since the downturn.

US energy companies have continued to add rigs (1057 rigs as of August 10, 2018 – 108 more than this time last year) despite recent decline in prices due to trade tensions between the US and China. Goldman Sachs is still predicting an increase to WTI prices for the year, at \$70 per barrel, and several of the recently concluded earnings calls have indicated an increase in capital spending for 2018. The coming few months will be very interesting and exciting for our industry.

As I indicated in last month's Connect, there are a number of new initiatives that I believe will serve as important advancements and highly critical navigation tools for our membership in the coming year. In addition to being highly focused on maintaining the productivity of our dynamic 'legacy study groups', we will also focus on the development of the new ones. We have added Data Analytics, Digital Transformation, Computational Fluid Dynamics and Geomechanics to our technical line-up. The chairs for all of these study groups and committees

are listed in the directory in the back of each newsletter issue, and I encourage you to reach out to them with questions and suggestions.

Going into the 2018-2019 SPE year, we have four new one day technical events planned:

- Completions and Production Symposium; Challenges and Perspectives – scheduled on September 19, 2018
- Unconventional Reservoir Completion Seminar- Operator Perspectives on March 6th, 2019
- Drilling Transformation Study Group one day event – scheduled on May 10, 2019
- Computational Fluid Dynamics one day event – planned to be held in Q1 2019

Additionally, the continuing education committee is introducing their first 2-day tutorial on unconventional resources. Depending on how well these tutorials are received, SPE-GCS will think about evolving these into a certification program in unconventional reservoirs.

Focusing back to our industry, it was a very interesting and informative opening plenary session at the URTEC held in July in Houston. With increased focus of data analytics, new completion technologies and potentially using CO₂ to increase the recovery factors, we might be getting closer to the industry's dream of 20% recovery factors in unconventional reservoirs. The best venue to witness and hear about new technology in our industry is the upcoming SPE Annual Technology Conference and Exhibition taking place in September in Dallas. I hope to meet some of you at the show.

A handwritten signature in black ink, appearing to read 'Sunil Lakshminarayanan'. The signature is stylized and written in a cursive-like font.

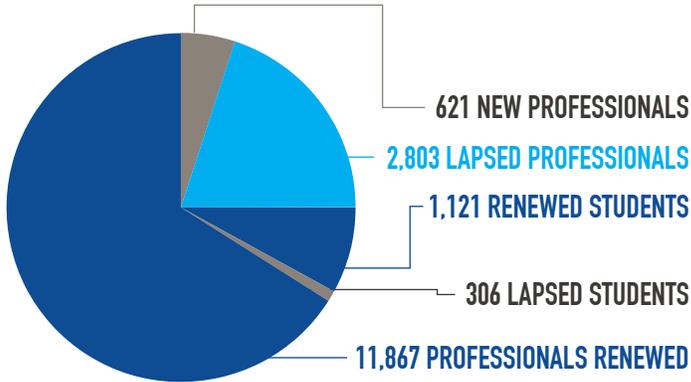
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						01
				• Research & Development		
02	03	04	05	06	07	08
		• HSSE-SR • Northside	• Digital Transformation • Westside	• General Meeting	• MiT Seminar • Young Professionals	• Young Professionals
09	10	11	12	13	14	15
			• Reservoir • Completions & Production • Business Development	• Board of Directors Mtg • Drilling		
16	17	18	19	20	21	22
23						
30	24	25	26	27	28	29

Upcoming Special Events

Mark Your Calendars

- 9.12-9.13.18 CONTINUING EDUCATION & MIT LEARNING TUTORIAL
- 9.18.18 HOUSTON PRODUCER'S FORUM LUNCHEON
- 9.19.18 COMPLETION & PRODUCTION SYMPOSIUM
- 10.16.18 MIT HIRING EVENT
- 11.1 & 11.2.18 SPE-GCS 35TH ANNUAL TENNIS TOURNAMENT
- 5.13-5.17.19 SPE-GCS ELECTRIC SUBMERSIBLE PUMPS SYMPOSIUM

Membership Through July 2018



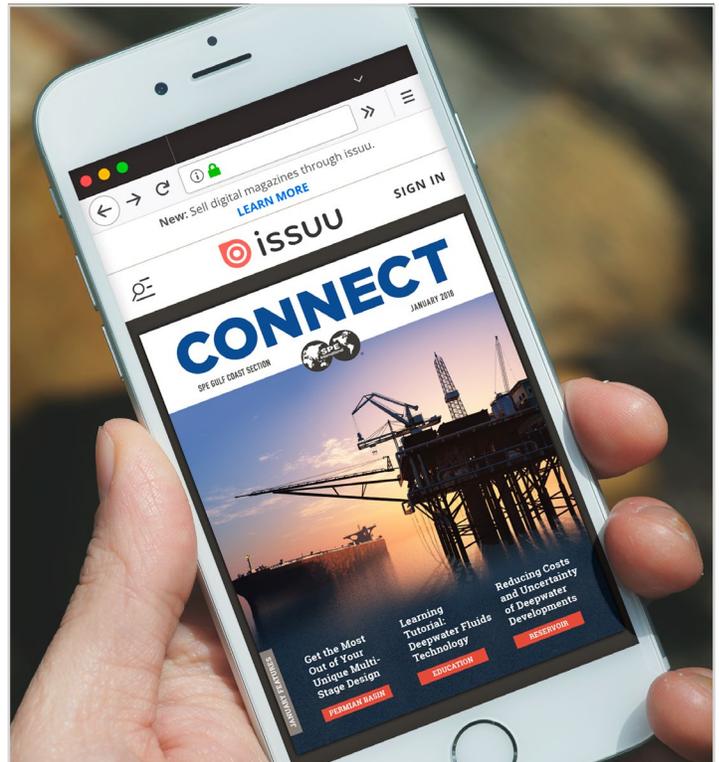
Current Membership Trends



Board of Directors Meeting	WHEN	September 20, 7:30 – 10:30am
	WHERE	SPE Houston Office: 10777 Westheimer Rd, Ste 1075 Houston, TX 77042
	R.S.V.P.	Taylor Wright T (713) 457-6821 F (713) 779-4216 spe-gcs@spe.org

Study Group Pricing	Unless specified separately in the registration website:	
	MEMBERS:	\$40/\$55 Walk-in
	NON-MEMBERS:	\$55
	STUDENTS/Mit/Retired SPE:	\$15

[View SPE-GCS Directory](#)



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VOLUNTEER SPOTLIGHT

Kim Salinas



How did you first get involved with SPE?

A friend of mine served on the SPE- GCS Young Professionals (YP) board for multiple years and invited me to volunteer. I joined the YP board in 2017, supporting the YP Membership Committee and Co-Chairing the 2018 Roughneck Camp.

What SPE study groups, committees, or volunteer events have you been involved in?

I have helped with Petrobowl writing sessions, served on the YP Membership Committee, assisted with Professional Events, and I was a Co-Chair for the 2018 Roughneck Camp.

What is your current role with SPE?

I am the 2018-19 Chair for the YP Membership Committee.

What is your REAL job and educational background?

I work as a valuation engineer for a bank that lends to exploration and production companies. I hold a MS in petroleum engineering and a BS in chemical engineering from Texas A&M University.

What is your favorite thing about SPE?

I love how helpful our YP and GCS boards are to people in the industry. We have a phenomenal team of motivated board members who are highly effective in furthering the SPE mission and supporting the exchange of ideas within our organization and the energy sector as a whole.

Alejandro Lerza



How did you first get involved with SPE?

In 2007 I started as a volunteer for the student chapter of “Universidad Central de Venezuela” where I held several different positions until I graduated with a BS in petroleum engineering.

What SPE study groups, committees, or volunteer events have you been involved in?

I have held various positions within SPE since getting involved in 2007. I served as Secretary, YP Liaison, and Program Chair for the Eastern Venezuela Section Board; Sponsorship Chair and Technical Program Co-Chair of the Reservoir Study Group; Networking Coordinator and Networking Chair of the YP Group. I was also a Technical Committee Member and Session Chair for multiple SPE conferences and was an Ambassador Lecturer and SPE Section Award Judge.

What is your current role with SPE?

I am currently the SPE-GCS Reservoir Study Group Program Co-Chair and the SPE-GCS Young Professionals Networking Chair.

What is your REAL job and educational background?

I am the Senior Reservoir Engineer for Unconventional Resources at Chevron and I hold a BS in petroleum engineering from the “Universidad Central de Venezuela”, a MBA from “Universidad Simon Bolivar”, a MS in petroleum engineering from Southern California University, and a MS in data analytics from Texas A&M.

What is your favorite thing about SPE?

There are actually two things about SPE that I truly enjoy: the opportunity to continuously improve my technical knowledge while interacting with fascinating people and industry experts; and the ability to reach out to students and the rest of the society to give back all that I’ve received from SPE.

Renew Your SPE Membership Today!

Stay connected with SPE-GCS activities



Join up with the brightest minds – 15,000 local members and more than 143,000 international members – in the industry!



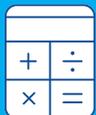
Grow your technical skills at our local and international conferences, workshops, and training courses.



Participate in SPE Gulf Coast Section's events, meetings and activities.



Submit a technical paper for presentation or publication.



Receive discounts on journals, reference books, OnePetro and other SPE publications.



Expand your network with managers, engineers, scientists, and other professionals locally and worldwide.



Develop leadership skills and contribute to the profession through our programs and activities.



Give back to our community and the E&P industry through volunteer opportunities.

For inquiries, please contact the SPE-GCS Membership Team at membership@spegcs.org.

RENEW YOUR MEMBERSHIP ONLINE

THEN & NOW

SEPTEMBER 1958

Legendary Louisiana Governor, Earl Long (Aren't all Louisiana governors legendary?), elected to office on an economy pledge, threatens another natural gas tax increase and claims that operators would do well to not challenge it!

In Webb County, Texas, Ginther Warren & Co. may have set the record for toughest well drilled in history by drilling 3,300 feet of hole with 19 lb/gal mud, more than 2,500 feet of "slim hole" below 16,500 feet, roughly 1,300 feet of hard shale below 13,000 feet, and formations with BHT's above 400 degrees Fahrenheit.

East Texas crude: \$3.25/bbl

US rig count: 1,921

THE REST OF THE YARN

This month we continue our look back at the rise and fall of wildcatter Glenn McCarthy, as the funding falls short for most of his projects.

No one at the time understood that McCarthy didn't have a fraction of the capital needed to complete the Shamrock Hotel, or any of his projects. He was counting on Equitable Life Assurance's eagerness to produce it. Equitable Life's board felt secure pushing mounds of cash at McCarthy since a 1948 analysis of his reserves valued his holdings at \$73.5 million. His loans from Equitable Life

SEPTEMBER 1978

Mexico's offshore activity heats up in the Gulf of Campeche and Pemex's 1977 prediction (33,000 b/d average offshore production in 1978) appears reachable.

President Carter's decision to approve Dresser Industries' sale of a drillbit manufacturing plant to Russia, which is being challenged by some of his top advisors, is hailed by the State and Commerce Departments (Dissention in the ranks is not new!).

US rig count: 2,328

eventually reached a total of \$51.8 million. The loans didn't come without strings, however, as the board pushed McCarthy to downsize the Shamrock project and eliminate all other buildings except the hotel. This was fine by McCarthy, as the hotel was all he really wanted.

Construction began, and proceeded fitfully through 1947 and 1948. The Shamrock was as big as McCarthy had hoped, a gray granite colossus 18 stories high and almost as wide. Building it, however, was the easy part. McCarthy dreamed of making the Shamrock's Saint Patrick's Day opening a national event, with coverage in Time, Life and newspapers around the world. He envisioned

SEPTEMBER 1998

Elf CEO, Phillipe Jaffre, cites a London Business School study that indicates half of all mergers and acquisitions fail to create value, thus quashing rumors of Elf's possible acquisition of Conoco.

Shell's prediction of oil prices at \$12-16/bbl for two to three years coincides with its announcement to close four of its European offices.

Light sweet crude: \$14.77/bbl

Natural gas: \$2.14/MMbtu

US rig count: 773

a Hollywood-style gala, complete with spotlights and movie stars. Unfortunately, Houston had no movie stars so McCarthy hatched the idea of holding a simultaneous movie premiere and hotel opening. To do that, however, it would be necessary to make an actual movie.

Next month, McCarthy moves from black gold to silver screen.

HISTORY QUIZ

In the early 1920's, what country was the global leader in oil exports:

- a) US, b) Saudi Arabia, c) Mexico, d) Russia, e) Venezuela?

If you would like to participate in this month's quiz, e-mail your answer to contest@spe.org by noon September 15. The winner, who will be chosen randomly from all correct answers, will receive a \$50 gift card to a nice restaurant (courtesy of the ProTechnics Division of Core Lab).

ANSWER TO MAY'S QUIZ

The estimated US "service" station population circa May 1977 was 186,000 stations.

NO WINNER FOR MAY'S QUIZ

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Please send us your feedback on anything related to SPE-GCS.

Email Taylor Wright today:
SPE-GCS@SPE.ORG

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MMcfd

INITIAL PRODUCTION RATE



KRYPTOSPHERE LD ultra-conductive, low-density ceramic proppant technology has improved the well economics of a 13,500ft vertical depth gas well in the Utica—making it one of the highest producing wells in the region.

The numbers speak for themselves

For more production enhancing technologies that improve your initial production, EUR and ROI numbers, talk to CARBO.

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RESEARCH & DEVELOPMENT

Advancements in Subsea Lidar

Traditional land-based LiDAR has undergrown a significant technological advancement. Using algorithms, light is now able to travel through the subsea environment unhindered by refraction and other elements. All the

information that was only available to land-based users of LiDAR derived data is now available to the subsea engineers and practitioners for a multitude of applications.

DEREK PIERCE



Derek Pierce brings over 18 years of experience in offshore and onshore surveying with a focus on delivering strategic value to client projects and portfolios. As a customer sales and support engineer, Derek oversees client relationships and deliverables to ensure maximum value is realized for every LIDAR survey project.

EVENT INFO

WHEN

Thursday, September 6, 2018
11:30am – 1:00pm

SPEAKER

Derek Pierce
Customer Sales and Support Engineer
3DAt Depth

LOCATION

Norris Center – Westchase
9990 Richmond Avenue, Ste 102
Houston, TX 77042

CONTACT

Amit Patil - 817-899-7028
apatil14@slb.com

[REGISTER ONLINE](#)

HSSE-SR

A Quick Primer of Oilfield Fluid Waste Management in Upstream Operations

This program will discuss the wastes produced in the three major stages of oil and gas exploration and production. The regulations will generally focus on

State of Texas regulations. It is designed for non-engineers or engineers with less than five years of experience.

LAURA SLANSKY



Laura Slansky is a Certified Hazardous Materials Manager (CHMM) and a Certified Safety Professional (CSP). She holds a Master's Degree in Environmental Engineering from the Illinois Institute of Technology and a graduate certification in Environmental Forensics from the University of Florida. She has 15 years' experience in legal, environmental and industrial compliance and has worked

in the EXCO Resources, Inc. EHS department for five years.

EVENT SPONSOR



EVENT INFO

WHEN

Tuesday, September 11, 2018
11:30am – 1:30pm

SPEAKER

Laura Slansky, CHMM, CSP
Sr EHS Engineer, Exco Resources

LOCATION

Marathon Conference Center
Rm P1021
5555 San Felipe
Houston, TX 77056

CONTACT

Angelo Pinheiro, CSP - 713-296-3820
abpinheiro@marathonoil.com

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NORTHSIDE

Outlook for the Hydraulic Fracturing Market in 2019

The oilfield began growing in Q4 2016, with improvement expected throughout 2018 despite current challenges in the Permian Basin. Richard Spears will

present his firm's 2019 outlook for key oilfield service and equipment markets, focusing on hydraulic fracturing.

RICHARD SPEARS



Richard Spears leads the mergers and acquisitions support and is managing director of Spears & Associates, an oilfield market research firm founded in 1965. Richard is a 33-year member of SPE and a 33-year member of the Association of Energy Service Companies. He is on the board of directors of several oilfield service companies, including Evolution Engineering and W-Technology LINK.

EVENT INFO

WHEN

Tuesday, September 11, 2018
11:30am – 1:00pm

SPEAKER

Richard Spears
Managing Director, Spears & Associates

LOCATION

Landry's Seafood (The Woodlands)
1212 Lake Robbins Dr
The Woodlands, TX 77380

CONTACT

Jon Spencer - 281-291-7769
jon.spencer@tracerco.com



SCALEGUARD

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DIGITAL TRANSFORMATION**Digital Transformation Security Challenges and Responses**

Panelists will discuss their successes, as well as challenges faced and solved, in the area of Digital Transformation's impact on cybersecurity.

SPEAKERS**LISA ANGELO**

Lisa is an attorney licensed in Texas and Colorado and an industry leader in cyber law. She is a Certified Information Privacy Manager (CIPM) through the International Association of Privacy Professionals. As a CIPM, Lisa understands privacy program governance and possess the skills necessary to establish, maintain and manage a privacy program across all stages of its operational life cycle. She helps businesses identify, manage, and protect data to comply with industry standards and law. Lisa earned a bachelor's degree from The University of Texas at Austin and a law degree from South Texas College of Law in Houston.

**PAUL BRAGER**

Paul W. Brager, Jr has been a contributing member of the cyber security community for over twenty-three years, with expert level knowledge of security architecture and defense-in-depth design, critical infrastructure/ industrial cyber, IoT, and IIoT. In his current capacity as a Technical Product Security Leader, Digital Technology with Baker Hughes, a GE Company, Paul works closely with oil and gas, energy, and internal clients to integrate cyber security capabilities and strategies into their critical manufacturing and operating infrastructure lifecycles. He holds a Bachelor of Science degree from Texas A&M University in Political Science, with a minor in Business, a Master of Science in Administration of Justice and Security (Criminal Justice/Cyber fusion) from the University of Phoenix.

EVENT INFO**WHEN**

Wednesday
September 12, 2018
11:30am

MODERATOR

Mario Chiok
Fellow, Schlumberger

SPEAKERS

Lisa Angelo
Cyber Liability, Data Privacy, & Insurance Attorney
Angelo Law Firm LLP

Paul Brager
Technical Product Security Leader
BHGE

Gary Scheibe
Security Manager
Shell

LOCATION

Equinor Houston Office
2107 City West Blvd, 1st floor
Houston, TX

CONTACT

Philippe Flichy
713-240-4879

philippe.flichy@energyembassy.com

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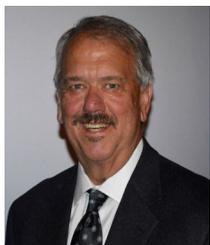
WESTSIDE

Using Drilling Data to Optimize Completion Efficiency in a Low-Permeability Formation

This presentation discusses a series of wells, initially employing multi-stage plug-and-perf completions, which displayed poor perforation efficiency and poor reservoir contact. A change to sliding sleeve / coiled tubing completions ensured reservoir contact but suffered from mechanical failures, resulting in penalties to

complete the wells. A return to plug-and-perf completions, combined with drilling data and neural networks to generate synthetic rock properties logs, improved perforation efficiencies. Gas chromatography data were used to determine the highest permeability sections of the lateral and the liquid-rich hydrocarbon-bearing sections.

LYLE LEHMAN



Lyle Lehman is the President of Frac Diagnostics, LLC with over 40 years of experience in the stimulation industry. He has a BS in chemistry from the University of Northern Iowa. His fields include the optimization of fracturing treatments, and international-based low-permeability stimulation projects. Lyle is a member of SPE and an at-large member of the Distinguished Lecturer Committee.

GENERAL MEETING

Polymers Changing the Frac Paradigm

For many years the upstream industry relied on viscosity as the principal design parameter with respect to rheology and particle suspension in hydraulic fracturing. Unfortunately, viscosity does not tell the entire story. More and more, the technical community is looking at elasticity in

addition to viscosity. Over time, it has become evident that elasticity is the more relevant variable in particulate suspension. Binder Science now has five years of laboratory and field experience using MM viscoelastic polymer fluids across the spectrum ranging from sliewater FR's to crosslinked guar gels.

TOM WENTZLER



Tom Wentzler has a BS and MS in Engineering from Pennsylvania State University and an MBA in Operations Research and Statistics from the University of Michigan. In 2003, Wentzler founded Magnolia Research and later acquired Binder Science LLC. Binder Science uses chemicals to build lease roads, locations and industrial yards, and manufactures flowback chemicals and nanoparticulates.

EVENT INFO

WHEN

Wednesday, September 12, 2018
11:30am – 1:00pm

SPEAKER

Lyle Lehman
President, Frac Diagnostics, LLC

LOCATION

Norris Center – Westchase
9990 Richmond Avenue, Ste 102
Houston, TX 77042

CONTACT

Bharath Rajappa - 832-486-3122
bharath.rajappa@conocophillips.com

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EVENT INFO

WHEN

Thursday, September 13, 2018
11:30am – 1:00pm

SPEAKER

Tom Wentzler
President, Binder Science, LLC

LOCATION

Petroleum Club of Houston
1201 Louisiana St, 35th Floor
Houston, TX 77002

CONTACT

Barry Faulkner - 281-627-8790
barryf1944@gmail.com

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BUSINESS DEVELOPMENT

Please join the Business Development group at the Four Seasons Houston for the first Business Development meeting of the 2018/2019 season. We're planning an exciting kick-off to the year and will soon have our speaker(s) confirmed. Please check our website for updates. We will kick off with our popular 5-6 PM networking happy hour followed by the 6-7 PM presentation and Q&A. Both will be on the third-floor mezzanine.

SPONSOR:



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SEASON PASS HOLDERS: You do not need to register for this event, as your Season Pass has automatically registered you for all 2018 – 2019 Business Development events. Thank you for being a Season Pass Holder!

RESERVOIR

Perdido – An Ultra-Deepwater Development – A Technological Success

The Perdido oil and gas development covers a portion of the geological formation known as the Perdido Fold belt. Great White, Silvertip and Tobago – the Perdido development's three fields all began production around 2011, and possess opportunities for continued development. Shell, alongside

co-owners BP and Chevron, went from a 2002 discovery in a challenging oil price environment, to Perdido's current status as a major, successful Deepwater producing oil and gas asset in the Gulf of Mexico, by overcoming multiple challenges both from a surface and subsurface perspective.

RAHUL DASTIDAR



Rahul Dastidar has more than ten years of upstream experience as a Reservoir Engineer, from exploration to development in Shell. He holds a PhD in Petroleum Engineering from the University of Oklahoma. He is a Reservoir Engineer on the Perdido Development team, with responsibilities ranging from field development planning to new well delivery.

EVENT INFO

WHEN

Wednesday September 19, 2018
5:00pm – 7:00pm

SPEAKER

TBD

LOCATION

Four Seasons Hotel
1300 Lamar
Houston, Texas 77010

CONTACT

Mike Kelly - 713-540-2184
mkelly@seaportglobal.com

EVENT UPDATES

EVENT INFO

WHEN

Thursday September 20, 2018
11:30am – 1:00pm

SPEAKER

Rahul Dastidar
Reservoir Engineer - Development Perdido
Shell

LOCATION

Fleming's Prime Steakhouse
2405 W Alabama St
Houston, Texas 77098

CONTACT

Karin Gonzalez - 979-422-2575
karin.gonzalez@chevron.com

REGISTER ONLINE

DRILLING

A Proven Multi-Discipline Engineering Approach to Achieving Reservoir Isolation

Lost circulation while running casing, pre-cement job mud circulation, and cement placement can result in additional remediation, create challenges in achieving zonal isolation objectives, and potentially impact well integrity. Several mitigation methods are available to address lost circulation challenges. This presentation summarizes the field application of

wellbore strengthening in deepwater Gulf of Mexico to achieve zonal isolation objectives. The design, execution, and post-well analysis of several wellbore strengthening applications in a variety of sands from shallow and soft overburden sands to deep producing reservoir sands with depletions greater than 4,000 psi, are discussed.

NICHOLAS BRALEY DONDALE



Nicholas Braley Dondale is a Senior Fluid Technical Specialist with BP and supports GoM well construction operations. He holds a master's degree in Petroleum Geology from Imperial College, London, England, and a bachelor's degree in Geological Oceanography from UCNW, Bangor, Wales. He has been working in the oil and gas industry since 1993.

DATA ANALYTICS

AI Frontiers in Oil and Gas Operations

Advances in artificial intelligence (AI) technologies, and increases in high throughput computational architectures, have driven decision making through the analysis of oil field data. These advancements can save time, reduce operational expenses, enhance efficiencies, mitigate risk and manage health and safety. AI technologies are now an integral part of operations for

most oil and gas companies, allowing them to gather volumes of information in real-time, and translate data sets into actionable insights. This presentation will cover a few prominent use cases where AI technologies have made an impact on our businesses, while also pushing the boundaries of geophysical acquisition methods.

DR. VIKRAM JAYARAM



Dr. Jayaram has over 15 years of industry-academic experience in derived/applied machine learning, artificial intelligence, signal processing technologies leading to breakthrough technology products. As a Senior Staff Data Scientist at Pioneer Natural Resources, he develops and leads architecture efforts for AI / ML engineering driven solutions in drilling, production, completions and E&P business operations. He earned his PhD in Electrical Engineering at The University of Texas, El Paso.

EVENT INFO

WHEN

Thursday, September 20, 2018
11:30am – 1:00pm

SPEAKER

Nicholas Braley
GOM Senior Fluid Technical Specialist
BP

LOCATION

The Petroleum Club of Houston
1201 Louisiana St, 35th Floor
Houston, Texas 77002

CONTACT

Ernie Prochaska - 281-221-1434
ernie.prochaska@nov.com

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EVENT INFO

WHEN

Thursday
October 4th, 2018
5:30pm – 7:30pm

SPEAKER

Dr. Vikram Jayaram
Senior Staff Data Scientist
Pioneer Natural Resources

LOCATION

TBD

CONTACT

Andres Landa - 832-212-0042
andreslanda@gmail.com

CONTINUING EDUCATION & MIT

Learning Tutorial: Unconventional Oil and Gas Resources Exploitation and Reservoir Development

This course provides a comprehensive understanding of the latest advances in the exploitation and development of unconventional resources, with an emphasis on shale. It will address all aspects of the process, from data mining and accounting to drilling, completion, stimulation, production, and environmental issues. It offers in-depth coverage of sub-surface

measurements (geological, geophysical, petrophysical, geochemical, and geomechanical) and their interpretation. It discusses the use of microseismic, fiber optic, and tracer reservoir monitoring technologies and JewelSuite™ modeling software. It also explores future trends in reservoir technologies.

USMAN AHMED

Usman has lead BHI's unconventional reservoirs (Shale, CBM, Tight formations and Heavy Oil), mature oil and gas fields, integrated completions, intelligent reservoirs, dynamic reservoir characterization, carbonates and carbon capture & sequestration. Usman has more than 30 years of petroleum engineering experience with Schlumberger, TerraTek and his own reservoir and production engineering consulting firm. He holds a BS and MS (both in petroleum engineering) from Texas A&M University.

AARON BURTON

Aaron's career has focused on the completion of shales and similar unconventional plays that require multistage hydraulic fracturing. Burton started Unconventional Oil and Gas Training, a company specializing in training and consulting for unconventional multistage completions. He has a deep understanding of reservoir properties and stimulation design that are used in a data-driven approach to more effectively design completions in unconventional wells. Burton holds a BS in mechanical engineering from MSU.

EVENT INFO

WHEN

Wednesday & Thursday
Sep. 12 & 13, 2018
8:30am – 4:00pm

SPEAKER

Usman Ahmed
CTO, Unconventional Oil and Gas
Technology and Development

Aaron Burton
Owner, Unconventional Oil and Gas
Technology and Development

LOCATION

Newpark Drilling Fluids Office
21920 Merchants Way
Katy, Texas 77449

CONTACT

Mike Redburn - 307-214-7518
mredburn@newpark.com

PRICING

Members
\$750

Non-Members
\$850

Students/MiT/Retired SPE
\$200

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SAVE THE DATE | Tuesday | October 16, 2018

Members in Transition (MiT) Upstream Oil & Gas Hiring Event

Trini Mendenhall Community Center, 1414 Wirt Road

REGISTER ONLINE

MEMBERS IN TRANSITION (MiT)

SPE MiT Initiative: 31st Seminar Series

The SPE Members in Transition Seminar Series is designed to include a selection of topics of interest to SPE members who are transitioning in between jobs during the current industry downturn or who are looking for new career opportunities. The agenda for the 31st seminar in the series will include the following programs and a discussion of resources for SPE Members.

PROGRAM 1

Secrets of the Executive Search World

Learning how executive search firms work can help with job transitions and improve your odds of finding employment, especially for senior leadership roles. Chris will present an honest overview of the search business, the methods and motivations of hiring companies, and most importantly: how you can benefit from this knowledge.



CHRIS REINSVOLD

Chris Reinsvold is founder and CEO of Reinsvold & Associates, an energy-focused executive search firm. Before founding Reinsvold & Associates, he worked in upstream oil and gas executive search and management consulting. Chris has a BSME and MBA - and has been a member of SPE for over 35 years.

PROGRAM 2

Working Effectively Across Cultures

This presentation will seek to provide information to the professional who is investigating international opportunities. Leslie will provide a range of cultural bridging strategies for approaching both strategic and tactical challenges in the global workplace.



LESLIE SANTAMARIA

Leslie Santamaria is an Intercultural Specialist at Chevron. She previously worked as a Program Manager in the Houston Mayor's Office of International Affairs. She lived in the DR, Angola, Honduras and Brazil managing humanitarian projects. She holds an MIA degree from the School of International and Public Affairs at Columbia University.

PROGRAM 3

Data Science: A Transferable Skillset Across Industries

Recent computational and technical advancements in machine learning and data science have shown numerous successful stories across many industries. In this talk, data science and analytics will be presented as a toolbox that can be widely applied across multiple industries when combined with appropriate subject and business domain expertise.



MANISHA BHARDWAJ

Manisha Bhardwaj is a Data Science Technical Advisor and Lead Data Scientist at Halliburton. She provides technical expertise, develops research strategies for analytic innovations, and makes recommendations for data-driven business decisions. She earned her master's and PhD in applied mathematics from University of Houston.

EVENT INFO

WHEN

Friday
September 14, 2018
10:00am – 3:00pm

SPEAKERS

Chris Reinsvold
CEO
Reinsvold & Associates

Leslie Santamaria
Intercultural Specialist
Chevron

Manisha Bhardwaj
Data Science Technical Advisor
Halliburton

LOCATION

Houston Exponential
410 Pierce St
Houston, TX 77002

CONTACTS

Susan Howes
713-553-5020
c.susan.howes@gmail.com

Ashish Fatnani
832-415-6835
ashish.fatnani@halliburton.com

PRICE

Members: \$40/\$50 Walk-In
Non-Members: \$50
Students/MIT/Retired: \$15

Registration Cap: 70

REGISTER ONLINE

YOUNG PROFESSIONALS

SPE Career Enhancement Event (CEE) at Texas A&M

Attention SPE-GCS members. We are looking for volunteers to join us at Texas A&M University for their annual SPE Career Enhancement Event (CEE). This event provides Aggie engineers the opportunity to connect with individuals working in the oil and gas industry. Come meet students and recent graduates, and share your experiences with the next generation of oilfield professionals. This is a great opportunity for industry members to take on a leadership role by offering mentorship and guidance to our local SPE student chapter. Lunch will be provided!



EVENT INFO

WHEN

Friday, September 14, 2018
9:00am – 4:00pm

LOCATION

Texas A&M University
Joe Routh Blvd – The Zone Club
College Station, TX 77843

CONTACTS

Jonathan Mohandessi - 210-392-1931
jmohandessi@stepan.com

Kim Salinas - 713-826-1234
kimberly.salinas@ing.com

REGISTER ONLINE

YOUNG PROFESSIONALS

Volunteering Event with Galveston Bay Foundation

In Partnership with IHS Markit, the SPE-GCS Young Professionals' Community Outreach Committee invites you to volunteer with the Galveston Bay Foundation in restoring Galveston Bay's oyster reefs.

This fun project involves the construction of a linear oyster reef along 2,000 feet of shoreline. The "oyster bar" structure will be created from stacked mesh bags filled with recycled oyster shells. The new "oyster bar" reef will provide a vital habitat for Eastern oysters and other aquatic life, shoreline protection, and additional marsh habitat.

The mission of the Galveston Bay Foundation Volunteer Program is to support the preservation, protection, and enhancement of Galveston Bay through hands-on incorporation of the local community and general public into vital restoration, research, education, administrative, and fundraising projects.

Family members and friends can also participate (children must be age 7 and up).



EVENT INFO

WHEN

Saturday, September 15, 2018
8:30am – 12:30pm

LOCATION

Sandhill Crane Soccer Complex
10707 Stewart Road
Galveston, Texas 77554

CONTACTS

Sally Ebrahimzadeh
sebrahimzadeh2@uh.edu

Shahrazed Metouri
shahrazed.metouri@aramcoservices.com

REGISTER ONLINE

YOUNG PROFESSIONALS

Houston Producer's Forum Luncheon: Sara Ortwein



Want to boost your network to the next level? Interested in meeting and learning from Industry Giants in an intimate setting? The Houston Producer's Forum has opened their doors and invited us, SPE-GCS, to the regal Houston Petroleum Club for a luncheon featuring Sara Ortwein, President of XTO. Enjoy meeting a diverse group of senior executives, who share a vision that is aligned with SPE, while dining on the 35th floor with a great view of the city. Please do not hesitate to sign up. This is a great opportunity for you to enhance your position in the oil and gas industry and gain valuable mentorship.

HOUSTON PRODUCERS FORUM

YOUNG PROFESSIONALS

Wild Well Control Facility Visit and Technologies Overview

Join us for a facility visit and technology demonstrations at Wild Well Control in Houston, TX. This half-day event is a unique opportunity to learn proper risk management and mitigation planning that can potentially prevent well control events. Well control simulation room, modeling studies, information sessions, laboratory visits, and much more awaits!

Founded in 1975, Wild Well Control, Inc. has more than 40 years of experience in well control and subsea intervention, related engineering and pre-event planning, and emergency response training and drills. Wild Well responds to more than 80% of all blowouts around the world.

Wild Well responds quickly with experienced personnel, customized equipment, and innovative engineering solutions to maintain the integrity of a wellbore. With its continual introduction of pioneering, award-winning subsea technology, Wild Well continues to revolutionize the industry's capabilities, thus saving operators time and money.

EVENT SPONSOR



EVENT INFO

WHEN

Tues, September 18, 2018
11:30am – 1:30pm

SPEAKER

Sara Ortwein
President, XTO Energy

LOCATION

Houston Petroleum Club
1201 Louisiana Street, 35th floor
Houston, TX 77002

CONTACTS

Elcin Aktas-Osburg
aktaselc@yahoo.com

[REGISTER ONLINE](#)

EVENT INFO

WHEN

Friday, October 5, 2018
10:45am - 3:30pm
(lunch provided)

LOCATION

2202 Oil Center Court
Houston, TX 77073

CONTACTS

Elcin Aktas - 210-803-2476
aktaselc@yahoo.com

Alfiya Nikolaeva - 832-859-7350
ashakirova@slb.com

[REGISTER ONLINE](#)



Completions and Production Symposium

Challenges and Perspectives

19 September 2018

Occidental Oil and Gas Corporation Office
5 Greenway Plaza, Houston, TX 77046, USA

Registration now open: www.spegcs.org/events/4018/



SPEAKERS

Jeff Bennett, Sr. Vice President of Permian Resources, Oxy
Dr. Nansen Saleri, Chief Executive Officer, QRI
George Buck, GM of ETC Drilling & Completions, Chevron
Dr. Craig Cipolla, Sr. Engineering Adviser, Hess
William Lane, Former VP of artificial lift, Weatherford
Ron Dusterhoft, Technology Fellow, Halliburton
Dr. David Craig, Manager of Technical Improvement, Oxy
Salvador Ayala, Marketing & Technology Manager, Schlumberger
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I September 20 - 24, 2018

II October 8 - 12, 2018

MORE INFORMATION:

PHONE: 405-822-6761

E-MAIL: bingwines@cox.net

WEBSITE: winrockengineering.com

WEBSITE E-MAIL: winrockpe@gmail.com

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WHERE ARE THEY NOW?

Past Scholarship Winner: Michael Welch

The Scholarship Committee conducted a survey of past recipients of the SPE-GCS scholarship. If you're considering donating to the SPE-GCS scholarship fund or hiring an SPE-GCS scholarship winner, you'll be glad to know that the program has enjoyed considerable success over the past six decades. Here is Michael Welch's story:

"I'll always be grateful to those who opened my eyes to this profession and to SPE for opening the door to me through their scholarship."

When I was a junior in high school, I was fortunate to have found my way to an offshore oil and gas career fair in the Houston area. The complexity and technology involved in the construction of offshore facilities instantly drew my interest. It was at this event where I met my first petroleum engineer, Baljit Singh. Mr. Singh was very generous with his time and let me visit the FMC office to learn more about his job. This sealed the deal for my future, I was determined to become a petroleum engineer.

A year later, with graduation approaching, I was blessed to receive an SPE-GCS scholarship. Coming from a family of limited means, the generosity of the local section made a significant impact on my ability to make ends meet at Texas A&M University. To everyone in SPE who has offered their time, advice, or financial support to the next generation entering the oil industry, thank you so much for your goodwill!

It has been 13 years since I graduated as a petroleum engineer. My time in the oil industry has exceeded all of my expectations. I've been able to live all over the United States, even overseas, working in reservoir engineering, production engineering, facilities design, finance, business development, and now planning. Every day I get to work on challenging projects and work with others just as passionate as myself. I'll always be grateful to those who opened my eyes to this profession and to SPE for opening the door to me through their scholarship.



CAREER OVERVIEW

Planning Manager at Marathon Oil Corporation

- Deer Park High School – 2000
- Texas A&M University – College Station, BS in Petroleum Engineering
- Tulane University – MBA



CONTRIBUTE TO THE SPE-GCS SCHOLARSHIP FUND TODAY!

DONATE

SPE-GCS 35th Annual Tennis Tournament

The 35th Annual Society of Petroleum Engineers Gulf Coast Section Tennis Tournament will be held on Thursday, November 1 and Friday, November 2, at the Copperfield Racquet Club, 15700 Longenbaugh Drive, Houston.

Proceeds from the tournament benefit the SPE-GCS Scholarship Fund, which supports college students studying petroleum engineering, math, and sciences. Our Section has had to cut back on both the number and the amount of the scholarships awarded due to the recent downturn, so your support is needed more than ever. In combination with other section functions, there have been 12 new scholarships for incoming college freshmen studying petroleum engineering, math, and science, as well as 18 renewed scholarships for sophomores, juniors and seniors to continue in petroleum engineering. More than \$3 million in scholarships has been awarded to well-deserving students through this program since 1963.

In 2017, we had a very successful tournament with almost 30 players participating. Registrations and sponsorships raised over \$6,000. After tournament expenses, net proceeds of almost \$1,000 were contributed to the SPE-GCS Scholarship Fund.

Sponsors are a welcome and essential part of making this event a success. All sponsors will be recognized in the tournament program and on the sponsorship billboard that is exhibited throughout the tournament. Please see the Sponsor Form for sponsorship levels. In-kind donations for ditty bags and door prizes are also accepted.

The 2018 SPE-GCS Tennis Committee looks forward to seeing everyone for two fun-filled days of tennis competition!

QUESTIONS

Erin Chang

281-892-4720

erin.chang@bp.com

LOCATION

Copperfield Racquet & Health Club

15700 Longenbaugh Dr
Houston, TX 77095

281-463-2582

copperfieldclub.com

START TIMES

Mixed Doubles

6:00 PM Thursday, November 1

Tournament Doubles

9:00 AM Friday, November 2

DEADLINE

October 26, 2018

Participation is limited!

Entries accepted on a first-come, first-served basis.

EVENT INFO

WHEN

Thurs & Fri, November 1-2, 2018

Thurs, 4:00pm - 9:00pm | Fri, 8:30am - 2:00pm

EVENT INFORMATION

There will be two flighted round robin events:

Mixed Doubles – Thursday evening

Tournament Doubles – Friday

The tournament doubles event is open to men and women and is a combined bracket.

Partners may be of the same gender or mixed.

The committee will assist players who do not have a partner for any event.

FLIGHTING

Championship – Advanced players

A – Regular and advanced players

B – Intermediate players

C – Non-regular players and beginners

The SPE-GCS Tennis Committee reserves the right to allocate players to a different flight if necessary. Please rank yourself on the honor system.

WHAT TO EXPECT

Lots of tennis, meeting old friends and making new ones. Door prizes, awards, meals, and beverages.

Thursday – Light dinner

Friday – Breakfast, lunch and snacks

Award presentations, door prizes

RULES OF ENTRY

The event is open to members, nonmembers, guests, and friends of SPE. The only restriction is that tennis professionals are not allowed.

REGISTRATION

Thursday – 4:00 – 6:00 PM

Friday – 8:30 – 9:00 AM

IMPORTANT NOTICE

All paid participants must wear their name tags during this event to have access to the food and drinks.

ENTRY FEES

\$125.00 per person – Fee covers tournament and mixed doubles for an individual player.

\$50.00 for those only playing mixed doubles.

\$25.00 – Spouse/guest (not playing)

Fees are due with entry form.

REGISTER ONLINE

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