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Hi ,

Every year the SPE Denver Section takes the summer off from planning events to re-organize for the upcoming year. We reflect on what was successful last year and where we need to grow. One new thing we are adding this year is a Data Science study group. In the past data science topics at our Reservoir Engineering and Young Professional study groups have been popular, so we hope to build on that with our new Data Science Study Group.

Our General Meeting this month is on Demystifying Neural Networks with Ayush Rastogi. Ayush gave a great presentation at URTEC, and we are hoping to have him expand on uses of data science techniques in production analysis. Also, we on the board are sympathetic to all the layoffs that have been happening around town lately and are trying a new, lower cost ticket type for our newly unemployed members. We will only be making a few tickets available per meeting for \$15 and they are available on the honor system. Also, be aware that SPE offers [dues waivers](#) for members who become unemployed. Networking at our events can be a great way to make contacts to find new employment. Another ticket type to keep on your radar is our [Jack England pass](#), which offers a discount by purchasing all four of the fall General Meetings together for \$100.

We will also be having community outreach events available soon like Energy4Me talks at local schools, volunteering at Special Olympics events and at the Denver Rescue Mission. Please think about following us on [Facebook](#) or [LinkedIn](#) to learn about these types of events as they become available throughout the month.

Regards,

Kelly Wingard

SPE Denver Section Chairperson

September 9, 2019

GENERAL MEETING

Demystifying Data-Driven Neural Networks for Multivariate Production Analysis

Ayush Rastogi, Ph.D Candidate - Colorado School of Mines

📍 Denver Athletic Club

📅 Wednesday, September 18, 2019, 11:30 AM - 1:00 PM

Early-bird registration deadline: September 16 at 5:00 PM

Tickets:

Members	\$30
Non-Members	\$35
Walk-Ins	\$45

[Register Now](#)

Biography: Ayush is currently pursuing Ph.D. in Petroleum Engineering at Colorado School of Mines. He is also working as a Data Science Intern at BPX Energy in Denver, CO. His research is based on multi-phase fluid flow modeling and gas well deliquification. He has completed his minor in Computer Science with a focus on Data Analytics and Statistical Modeling.

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His area of interest lies in applying machine learning techniques in the oil and gas industry for better business decisions. He graduated from University of Houston with Masters in Petroleum Engineering and published his work with SPE on production forecasting and type well construction for unconventional wells. He also has experience working as a Hydraulic Fracturing Field Engineer as an intern in Permian (Texas), Williston (North Dakota) and Denver-Julesburg (Colorado) Basin with Liberty Oilfield Services. Before joining Colorado School of Mines, he worked as a Reservoir Engineering Consultant in Houston from 2014-2015. He is an active member of SPE and was recently awarded Outstanding Student from SPE Denver Section for academic performance and leadership within the organization.

JACK ENGLAND GENERAL MEETING PASS

Fall 2019 Jack England Pass for General Meetings

\$100 per Pass

[Register Now](#)

Denver SPE members who would like to pre-pay for the fall general meeting lineup may now do so through the purchase of a Jack England Pass. This \$100 pass represents a discount below normal admission rate and provides access to the September, October, November and December general meetings. If a pass holder is unable to attend a pre-paid meeting, they can transfer the pass to another member by contacting denversection@spemail.org.


STUDY GROUPS


Data Analytics

The 2019-2020 SPE season is upon us! We are VERY excited to announce that we will be adding a new study group this year, Data Analytics, headed by [Julia Garcia, P.E.](#)! Our programming is based on our members' input, so if there's something you'd like to see presented or discussed, please click the banner to give us your feedback or comment below.

Find the Denver SPE Data Analytics Study Group Survey [here](#).

SPE DENVER ANNUAL TENNIS TOURNAMENT

 Gates Tennis Center, 3300 E. Bayaud Ave. Denver, CO

 October 4, 2019, 11:30 AM - 4:30 PM

Join us for the 2018 Denver SPE Tennis Tournament

[Register Now](#)

All proceeds benefit the Denver SPE Scholarship Fund.

Registration includes: court fees, lunch, refreshments, balls, awesome door prizes and awards.

Fees: \$30 entry fee per registration

Sponsorships: We offer three levels of sponsorship donation. Companies donating \$500, \$250 or \$100 will be recognized as Gold, Silver, or Bronze sponsors. The sponsoring companies will be recognized at the tournament and in the SPE Newsletter.


PLEASE REGISTER SOON! Limited to the first 40 entries.

Questions? Reach out to Renee Supplee at (303) 229-4920 or renee.supplee@bhge.com.

CSM STUDENT CHAPTER GOLF TOURNAMENT

On behalf of CSM SPE Student Chapter, we would like to announce save the dates for the upcoming Golf Tournament.





Colorado School of Mines SPE Chapter Presents:
September 20th 2019 Golf Tournament
 Fossil Trace ○ Golden, CO

Name: _____

Company: _____

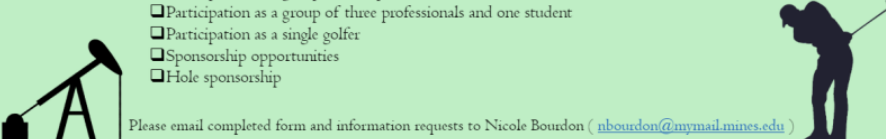
Email: _____

Phone Number: _____

Interested in:

- Participation as a group of four professionals
- Participation as a group of three professionals and one student
- Participation as a single golfer
- Sponsorship opportunities
- Hole sponsorship

Please email completed form and information requests to Nicole Bourdon (nbourden@mymail.mines.edu)



PARTNER EVENT - RMAG/DWLS Fall Symposium

The Rocky Mountain Association of Geologists and the Denver Well Logging Society are teaming up again to present the 2019 Fall Symposium on October 22, 2019 at the Sheraton Denver West! The technical program will be organized topically and will attempt to provide cross-disciplinary collaboration between our two societies.

Event Details:

- Registration includes a light breakfast and catered lunch. A reception will follow the talks.
- Online registration closes October 16, 2019
- Day-of event registrations will be available unless the event sells out. You may register for this event at the door for \$275. Payment for day of event registrations must be received at the door. Cash, credit cards, and checks are accepted. Course materials will be available as a PDF download. Day of event registrants will be given a link to download the PDF. Please bring a device to download the PDF. Day-of-event registrations are non-transferable and non-refundable.

Registration, Sponsorship Opportunities, and more details can be found [here](#).

PARTNER EVENT - RMAG Sporting Clay Tournament

Join RMAG for our annual Sporting Clay Tournament! Enjoy an afternoon of clay shooting at one of the finest sporting clays courses in the country. The course of 24 fully-automated stations is laid out along a wooded section of Kiowa Creek.

Tournament Details:

- Date: October 10, 2019
- Time: Lunch - 11:00am; Shotgun - 1:00pm
- Prizes for individual high score and team 1st, 2nd and 3rd flights.
- Price includes one round of 100 sporting clays, lunch, and door prizes.
- Does not include ammunition (please bring enough ammo for 100 clays or you may purchase ammo at Kiowa Creek).
- You may also rent a gun for \$20 onsite.

Price:

- Team of 5 (member): \$425
- Team of 5 (non-member): \$500
- Individual (member): \$85
- Individual (non-member): \$100

Register [here](#).

PARTNER EVENT - SPEE Luncheon

Join SPEE for their October Luncheon Meeting featuring Dr. W. John Lee - Texas A&M

Dr. Lee's presentation is titled: Are All Those Bad Things They're Saying About Our Production Forecasts in Unconventionals True?

Details:

- Date: October 24, 2019
- Time: Lunch - 11:30am
- Location: Denver Athletic Club - 4th Floor Ballroom 1325 Glenarm
- Cost: \$30

Abstract: Amid the recent slump in E&P stocks, there have been a number of articles about tight oil forecasts. Everyone from individuals on LinkedIn to Wood Mackenzie and the Wall Street Journal have been weighing in on the quality of what are essentially reservoir engineering analyses. What is the reality? Do we know enough about these reservoirs to predict 5-year performance, much less 30-year performance? Dr. Lee will give an overview of both the truths and fictions behind those critiques.



Bio: John Lee is Professor of Petroleum Engineering at Texas A&M University. John holds BS, MS and PhD degrees in chemical engineering from the Georgia Institute of Technology. He worked for ExxonMobil early in his career and specialized in integrated reservoir studies. He later joined the Petroleum Engineering faculty at Texas A&M, and became Regents Professor of Petroleum Engineering. While at A&M, he also served as a consultant with S.A. Holditch &

Associates, where he specialized in reservoir engineering aspects of unconventional gas resources. He joined the University of Houston faculty in September 2011 and held the Cullen Distinguished University Chair until September 2015. He served as an Academic Engineering Fellow with the U.S. Securities & Exchange Commission (SEC) in Washington during 2007-8, and was a principal architect of the modernized SEC rules for reporting oil and gas reserves. John is the author of four textbooks published by SPE and has received numerous awards from SPE, including the Lucas Medal, the DeGolyer Distinguished Service Medal and Honorary Membership. He is a member of the U.S. National Academy of Engineering and the Russian Academy of Natural Sciences.

Register [here](#).

COMMUNITY OUTREACH

Do you want to teach young students about energy, serve breakfast at the Denver Rescue Mission, or judge science fairs? Join other SPE members in giving back to our community! If you want to learn more about SPE's outreach activities, please contact Community Outreach Chair, Davis Scott.

daviswsd@gmail.com

Society of Petroleum Engineers - Denver Section

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