

# SPE-DENVER NEWSLETTER

## MARCH 2022



### GENERAL MEETING

## Real-World Applications of Data Science to Hydraulic Fracture Data

#### Location

- Denver Athletic Club
  - 1325 Glenarm Pl, Denver, CO 80204

#### Date

- Wednesday, March 16th, 2022,
  - 11:30 AM – 1:00 PM

#### Speakers

- Jessica Iriarte
  - Petroleum Engineer, formerly Well Data Labs.

#### Session Overview

Data science uses algorithms and statistical models to obtain knowledge and insights from data. Some of the challenges our industry faces include poor quality and siloed data, archaic data management processes, and the lack of integrated storage and analytics solutions.

Using a lean start-up approach taken from real-world experiences, this talk provides a starting point to help organizations successfully plan, implement, and launch a data science program. Participants will walk away with an understanding of best practices around creating a data science team and how to leverage their efforts to gain valuable insights.

**EARLY BIRD REGISTRATION CLOSES 03/14 AT 1200**

**[REGISTER NOW](#)**

### Meet our Speakers



**Jessica Iriarte** is a Sr. Manager of Data Science at Vroom, an e-commerce company that enables consumers to buy, sell, and finance cars online. Before Vroom, Jessica launched and grew the data science team at Well Data Labs, serving as a subject matter expert to bridge the technical gap between engineers and data scientists. She led the development of robust models for time-series sensor data, work that resulted in several patent-pending technologies. She holds BS and MS degrees in Petroleum Engineering and has +10 years of experience in data science, research, and completions. Jessica served as the SPE Denver Chairperson, received the 2018 Denver Business Journal Top Women in Energy Award, and the 2020 SPE Young Member Outstanding Service Award.

# SPE GAIA SUSTAINABILITY STUDY GROUP

## Measure What Matters

### Location

- Virtual Meeting over Zoom
  - The link will be sent to registered emails

### Date

- Tuesday, March 29th, 2022
  - 12:00 PM – 1:00 PM

### Speaker

- James Crompton
  - Professor of Practice, Petroleum Engineering, Colorado School of Mines.

### Study Group Overview

Everyone is talking about methane emissions. The purpose of this talk is to help the SPE membership understand why methane emissions are important and what we all can do about this issue. Methane, the chief component of natural gas, is released during oil and gas extraction and leaks into the atmosphere from the various pieces of equipment on an oil and gas site, such as storage tanks, valves, fittings, and pipelines. The purpose of methane measurement technologies is twofold: to detect leaks so they can be fixed, and to figure out if those efforts are paying off in methane reductions in the atmosphere.

**EARLY BIRD REGISTRATION CLOSES 03/28 AT 1700**

**[REGISTER NOW](#)**

### Meet our Speaker



**James Crompton** Jim retired from Chevron in 2013 after almost 37 years with the major international oil & gas company. After moving from Houston to Colorado Springs, Colorado, Jim established the Reflections Data Consulting LLC to continue his work in the area of data management and analytics for the Exploration and Production industry.

Jim was a Distinguished Lecturer for the Society of Petroleum Engineers in 2010-2011, speaking on the topic of “Putting the Focus on Data.” He is a frequent speaker at SPE conferences on Digital/Intelligent Energy and the Data Foundation. His interests lie in the full spectrum of the information value chain from data capture, data management, data visualization, data access, modeling and analytics, simulations and serious gaming.

# DENVER SPE SCHOLARSHIP RECIPIENTS

2022 DENVER SPE

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2022 DENVER SPE

## SCHOLARSHIP RECIPIENTS



Marshall Heggenstaller    Elaina Soellner    Mike Dai  
2021-2022 SPE Denver Section Scholarship Winners  
University of Wyoming Petroleum Engineering



Don,

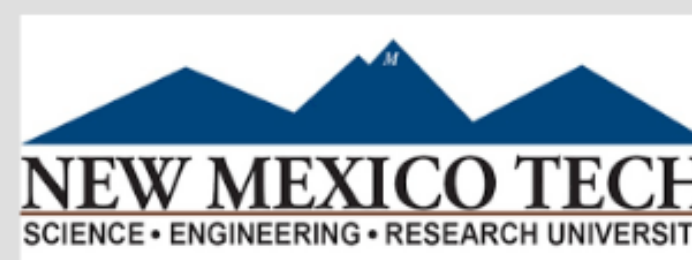
As requested, here is this year's collage of winners. Thanks again for your support!



# DENVER SPE SCHOLARSHIP RECIPIENTS

2022 DENVER SPE

## SCHOLARSHIP RECIPIENTS



Good Afternoon Don,

We are proud and grateful for the generous scholarships Denver SPE has awarded the three very deserving students in our Petroleum Department this year!

We have received the checks and attached please find the photo of the recipients

From left to right: Dr. Rahnema (Department Chair), Sarah Skrien, Joshua Ramsey, and Elizabeth Wells



2022 DENVER SPE

## SCHOLARSHIP RECIPIENTS



Don,  
Thanks again for your support! Here is a picture of the students who you selected for awards.

Picture are Nathan Wasyłowich, Jaime Berg, and Adrian Tul and SPE Faculty Advisor – David Reichhardt



## 2022 JOINT SESSION

# SPE Denver Section and Colorado School Mines SPE Student Section

### Location

- Colorado School of Mines Campus
  - Friedhoff Hall, Green Center.
  - Parking on campus is free after 5 pm.
  - We recommend parking in Lots O, N, J or I.

### Date

- Wednesday, April 20th, 2022
  - 5:00 PM – 9:00 PM

### Speaker

- Kamel Ben Naceur
  - 2022 SPE International President.
  - CEO, Nomadia Energy Consulting.

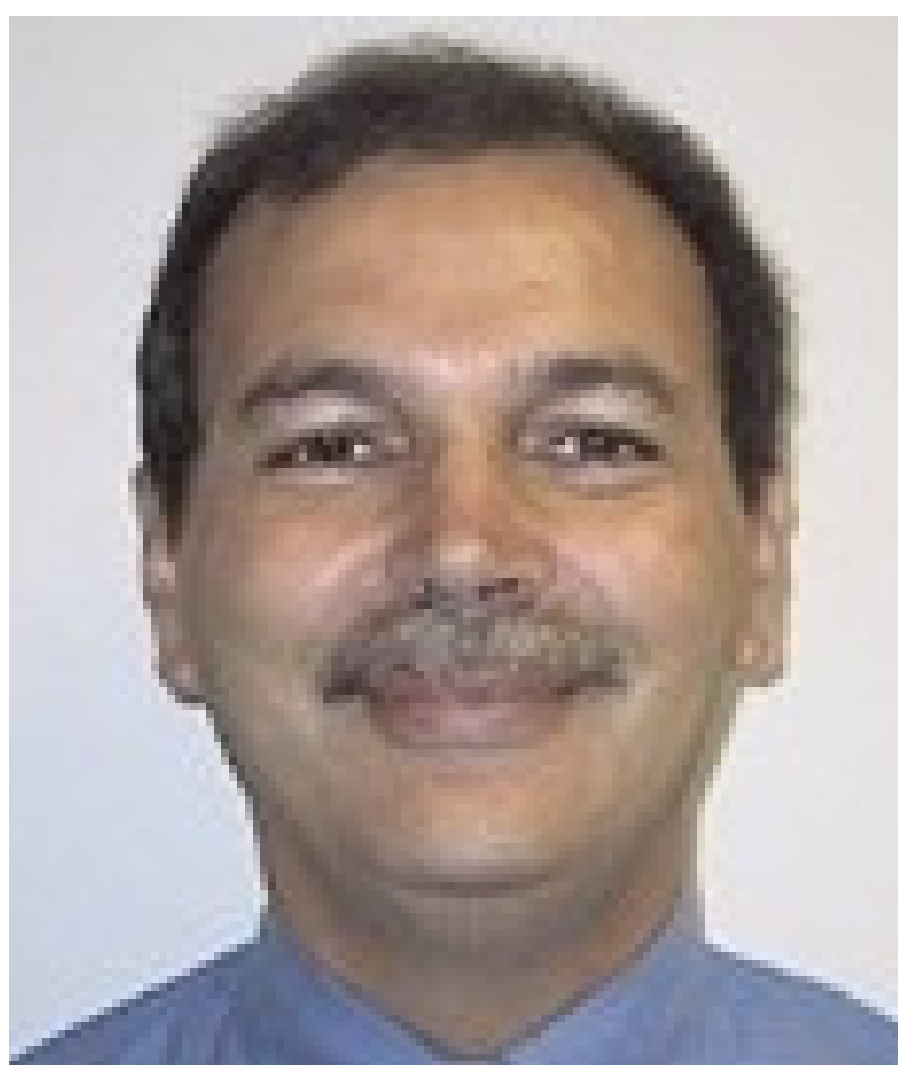
### Session Overview

The Joint Session, organized by the SPE Denver section and the Colorado School of Mines SPE Student chapter, is our flagship event. This year, we are honored to have Mr. Kamel Ben Naceur, current SPE International President and CEO at Nomadia Energy Consulting as our keynote speaker. The Joint session will be held on 20th April 2022 from 5 pm to 9 pm MDT at CSM Campus. A networking session will also be hosted before and after the keynote speech. Food will be served.

**EARLY BIRD REGISTRATION CLOSES 04/13 AT 1700**

**[REGISTER NOW](#)**

## Meet our Speaker



**Kamel Ben Naceur** is the 2022 SPE President. He previously served as Technical Director for Management and Information on the SPE Board of Directors. He is the President of Nomadia Energy Consulting. He has more than 35 years of experience in the oil and gas industry and, prior to taking the position with ADNOC in 2017, was director of sustainable energy policies and technologies with the International Energy Agency. Mr. Ben Naceur held several positions at Schlumberger including vice president of technology, chief economist, and vice president of CO2 solutions and services. He is an author or coauthor of 15 books and more than 120 articles. Mr. Ben Naceur received degrees from the Ecole Polytechnique in France and Ecole Normale Supérieure with an aggregation of mathematics.

## COMMUNITY OUTREACH

### SPE in Support of Special Olympics Colorado at the Denver Polar Plunge



#### Location

- Washington Park
  - Denver, CO 80210

#### Date

- Sunday, March 6th, 2022
- 10:00 AM – 12:30 PM

#### Description

Please join SPE Denver in their support of Special Olympics Colorado at the Denver Polar Plunge. SPE is fielding a team for the Polar Plunge. We challenge your organization to do the same! Take advantage of the opportunity to join our team, create your own corporate team or form a team with friends and family!

- Please get in touch with community outreach team member **Nico Cosca** for more details!

### SPE Supports the Next Generation



#### Location

- Rock Solid Cristian Academy
  - 200 S University Blvd. | Denver, CO 80209

#### Date

- April 12th, 2022,
- Time: 11:00 AM – 2:00 PM

#### Description

Speak to high school-aged, home-schooled students interested in technical fields about your STEM career path! Be prepared to answer questions about your career path and give students advice on things they may want to consider when choosing what to study in college. OR Help middle school students work through an energy-related science experiment put on by SPE's Community Outreach team.

Volunteers will be asked to undergo a background check prior to volunteering.

- Please contact community outreach team member **Katrina Baer** for more details!

WATCH THIS SPACE FOR ADDITIONAL UPCOMING VOLUNTEER OPPORTUNITIES IN THE DENVER AREA.



## COMMUNITY OUTREACH



### SPE Serves Breakfast at the Denver Rescue Mission

#### Location

- Lawrence Street Community Center
  - 2222 Lawrence Street, Denver, CO 80205

#### Date

- Tuesday, March 15th, 2022,
- 6:15 AM – 8:30 AM

#### Description

Please join SPE Denver in their support of the Denver Rescue Mission, a nonprofit organization helping the poor and homeless populations of the Denver area at the Denver Rescue Mission. More than 85% of the services of the Denver Rescue Mission are operated by volunteers, serving people experiencing homelessness and poverty in our community since 1892. Please come and bring friends or family. Volunteers must be vaccinated.

- **Please get in touch with community outreach team member Nico Cosca for more details!**



### SPE Supports the Next Generation – Help with STEM Projects

#### Location

- Legacy High School
  - 2701 W 136th Ave | Broomfield, CO 80023

#### Date

- March 17th and March 29th, 2022,
- Time: 8:43-9:36 (29th only), 10:39-11:34, and 2:37-3:33



#### Description

Speak to a class of approximately 30 High School STEM students about your STEM career path! Participate in a Q&A session with Legacy high school's STEM program. Students will be split up into small groups with one STEM professional per group for a more conversational approach. Be prepared to answer questions about your career path and give students advice on things they may want to consider when choosing what to study in college.

- **Please get in touch with community outreach team member Ken Mahrer for more details!**

WATCH THIS SPACE FOR ADDITIONAL UPCOMING VOLUNTEER OPPORTUNITIES IN THE DENVER AREA.



# SPE-DENVER NEWSLETTER

## MARCH 2022



### ESPECIAL ANNOUNCEMENT

## Join SPE at the 6th Annual Energy Industry Happy Hour

March 10th, 2022  
Denver Athletic Club | 4:30 PM- 7:00 PM



Free for DPC Members | \$10 for Non-Members



**PLEASE JOIN SPE AT THE 6TH ANNUAL ENERGY INDUSTRY HAPPY HOUR, HOSTED BY THE DENVER PETROLEUM CLUB. THE EVENT WILL ALLOW OUR MEMBERS TO MIX AND MINGLE WITH OVER TEN OTHER DENVER OIL AND GAS GROUPS OVER HAPPY HOUR. RAFFLE PRIZES, AS WELL AS BRAND NEW SPE SWAG, WILL BE AVAILABLE FOR OUR MEMBERS. THE EVENT WILL BE HELD ON MARCH 10TH AT 4:30 PM IN THE DENVER ATHLETIC CLUB. WE ARE EXCITED TO SEE YOU THERE!**

**REGISTER [HERE](#).**

