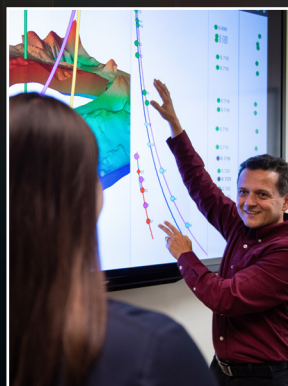


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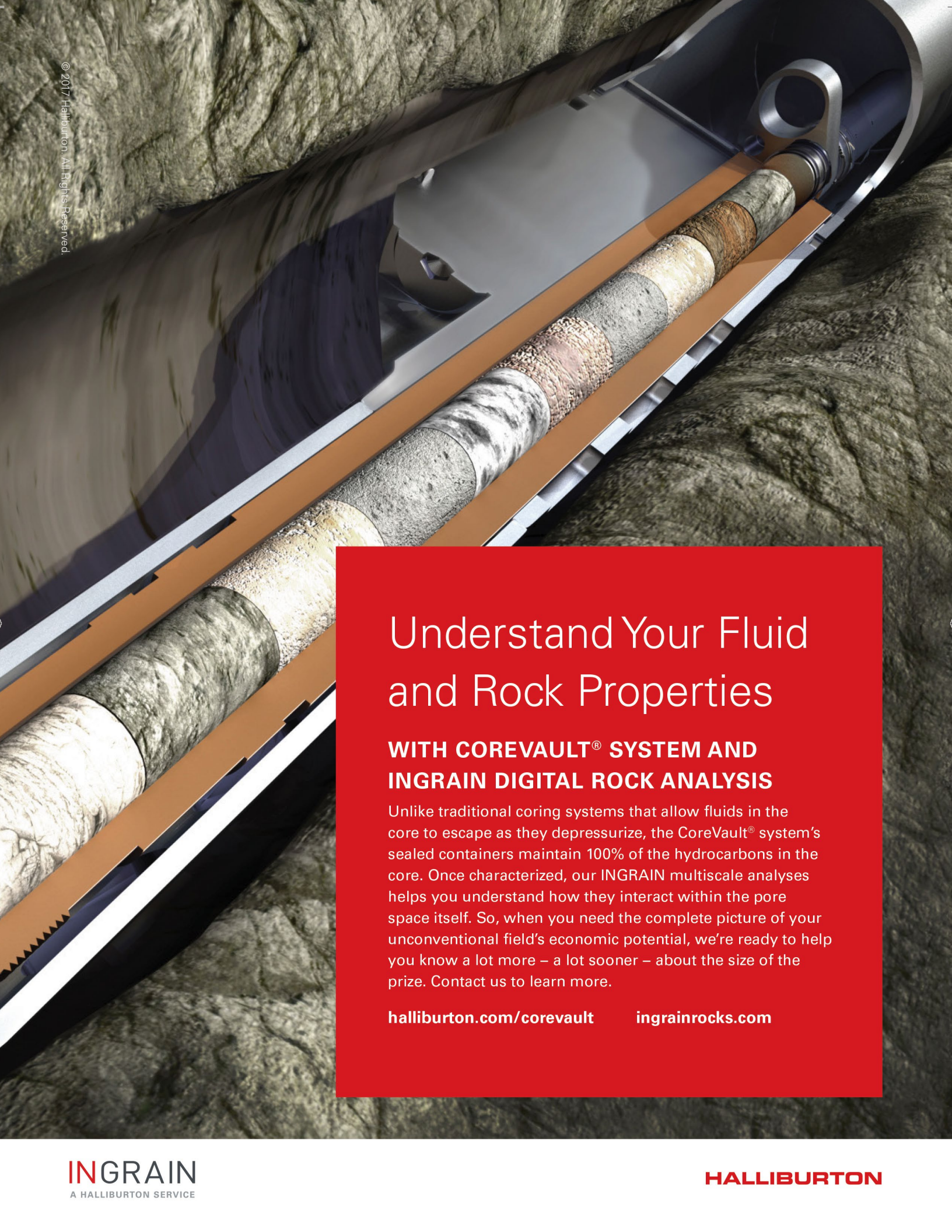


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CALENDAR OF EVENTS

**August 31–September 1, 2020 -
Rescheduled**

SPWLA Spring 2020 Topical Conference
Topic: “Unconventional Petrophysics”
Houston, TX
www.spwla.org

August 2020 - Rescheduled

SPWLA Bangkok – Asia Pacific Regional Conference
**Theme: “Petrophysics: From Exploration to Brownfield;
The Impact of Formation Evaluation on Oil and Gas
Field Development Decisions”**
Bangkok, Thailand
www.spwla.org

September 24–25, 2020

The 26th JFES Symposium
JOGMEC-TRC, Chiba, Japan
<http://jfes-spwla.org/symposium/26thSymp/jfes2020.html>

October 19–20, 2020

SPWLA Acoustic SIG Fall Workshop
**Theme: “Borehole Acoustics Workshop: The Road
Ahead”**
www.spwla.org

About the Cover

Global internet backbone map (courtesy of infrapedia.com). For the first time in our 60 year history, the SPWLA will not be holding a physical symposium this year. Instead, the 2020 61st Annual Symposium will be conducted using an online meeting format. See inside this issue for more details.

Notice: Articles published in SPWLA Today are not subject to formal peer review but are subject to editorial review and are verified for technical consistency and relevance.

From the President



Jesús M. Salazar
2019–2020 SPWLA President

This is my last column as SPWLA President and as a member of the board after three consecutive years of service. I wish I had better news for you. The pandemic that the coronavirus has brought upon us has changed the world we live in and even the way we behave around people.

I'm disappointed that we had to cancel the 61st Annual Logging Symposium in Banff, which I was looking forward to, but the safety and well-being of our members is our first priority. Given our status as a nonprofit organization we had to be very careful about prematurely canceling the symposium. We were already committed to a contract with the venue, which could have meant that the SPWLA was on its way to lose south of half a million dollars. We received several emails from concerned members asking us to cancel the symposium; however, we were patient enough to wait until force majeure could be called on and cancel the Symposium at no loss for the Society. This was a bittersweet feeling because while we were happy not having to pay for an event that never happened we are also sad because this is the first time in 61 years we have canceled an Annual Symposium and for the losses that Banff will sustain this year. As any other organization during these times, individual or business, we expect financial losses at the end of

the year since the Symposium is our main source of income and the Society has already incurred minor expenses associated with the Symposium. It's the same situation around the world due to COVID-19.

I cannot say enough words to express my gratitude to the 2020 Symposium General Chairman Kevin Pyke and his organizing committee. Kevin was instrumental in securing an excellent venue, organizing all the activities around the symposium, and finally helping us to steer out of the contract. Kevin is the kind of volunteer that makes our SPWLA community great. At this point, most people who already registered for Banff should have received an email from the Fairmont Hotel confirming the cancellation of their booking and a refund of the Symposium registration fee from the business office. If you have not received it, please contact the hotel directly for the former and Sharon for the latter.

Dissemination of new technologies and knowledge sharing does not stop. Most of the technical work by authors whose abstracts were accepted for the Symposium had already been completed before we went into lockdown. Therefore, we decided to keep the dates, albeit a bit relaxed, to submit final manuscripts. As I've said to colleagues, the technical papers prepared for the 2020 Symposium will be published on www.spwla.org and www.onepetro.org, with or without a physical conference. We've been brainstorming on the best way to bring the Symposium to your home via video conferencing, taking advantage of all the technology at our hands. Vice President of Technology, Michael O'Keefe, explains in his column the model we will implement for the online Symposium.

These difficult times are pushing us to come up with innovative solutions to deliver value to our members. The COVID-19 pandemic caught us a little bit off guard. In our February board meeting we were arguing about catering options for lunches during the Symposium or whether we should start at 9 or 8 in the morning, weeks later we were debating about canceling the symposium, then with the sudden collapse in commodity prices we are now worrying whether we're going to have a job.

At the end of the day what matters is our health, if we're healthy we can innovate and generate wealth to survive, human kind has been doing it for more than 5,000 years and we'll continue to do so as long as we're healthy. Please renew your membership to take advantage of all the benefits during quarantine. Many educational benefits (\$1 technical papers, free full issues of *Petrophysics* journal for the last 5 years, free webinars, events' discounts, etc.) that will improve your knowledge and will allow you to be more competitive in the job market to navigate the imminent industrywide downturn.

When I joined the board as VP Technology in 2017 I thought it was going to be a one-and-done kind of thing. But the longer I spent on board meetings the more I understood that I needed more time to make a difference in the organization. Since the beginning of my tenure in the board I been involved in projects to modernize the SPWLA. We implemented the app for the symposium, created a Newsletter for social content, included the symposium papers in Elsevier's Scopus Database, implemented DOI for all SPWLA's papers while increasing numbers of papers published in *Petrophysics*, and established metrics for staff compensation based on Symposium, membership, and advertising income. We continue our collaboration with URTeC, led by AAPG, SPE, and SEG—SPWLA is one of the endorsing organizations. This year, we received an honorarium for our participation in 2019 and also showcased the best five papers on petrophysics of unconventional reservoirs from the past Symposium and plan to do the same this year. By the time I became President I spearheaded the revamping of the SPWLA Bylaws and Amended Articles of Incorporation. I'd like to summarize the salient points of the changes we made to of our constitution, namely,

- Diversity and Inclusion (D&I) policies to avoid any kind of discrimination, chapters have followed through updating their constitutions to include D&I policies. Female membership is still lagging, at 14%, but has improved when compared to

From the President

11% in 2016.

- New Conflict of Interest policy to avoid collusion within the Society. We don't want the SPWLA to be the springboard for anyone's business or self-promotion. Our goal is to educate and serve our membership.
- Set experience requirements for key positions such as VP Technology and Publications to ensure a high standard technical program for the Symposium and a world class technical journal, *Petrophysics*.
- Set term limits for continued service on the international board to push directors to take the lead of the Society after 5 years of service and run for president or step aside for new blood.
- Created the Young Professional Technical award to recognize outstanding work by young petrophysicists, the future technical leaders of the discipline.
- Set clear rules for award nominations and recipients and to recognize the service of members no longer in the discipline.
- Foundation of the Social Media Committee to increase our presence in social media and the imminent digital transformation.
- Chapters are following our lead by modernizing their bylaws and we've been assisting them on the matter, that's the case for France, Japan, and the Society of Core Analysts.

We successfully selected Boston as the venue for the 2021 Symposium. I commend the Boston Chapter, specifically Paul Craddock, for leading the way in presenting a proposal that was unanimously selected by the Board of Directors. This year we were also busy with the growth of the Society by supporting the foundation of a new chapter and a new special interest group (SIG). The Central European Formation Evaluation Society (CEFES), a chapter of the SPWLA, and the Hydrocarbon Reserves SIG. Both created by the initiative of volunteers now serving as their officers. At the same time, we reinstated the Texas A&M University student chapter.

I believe that staying connected to the membership is key to attracting new members, so we brought back a moderate budget for board travel, mostly used by regional directors to visit chapters within their regions. I visited several chapters in the US and around the world at no cost to the Society. However, due to coronavirus I canceled my visits to the University of Houston (UH), Colorado School of Mines (CSM) and the Boston Chapter but I managed to serve as a judge in the student paper contest qualifier for UH and to teach a class at CSM using video conferencing for both. Other Directors also visited chapters near their region. Directors have been sharing and resharing their activities on various social networks to keep everyone informed about SPWLA activities and events. Now we have a larger social media presence and increased the number of followers on LinkedIn. The new social media committee has been instrumental in this growth (see Fig. 1). We have continued with (almost) bimonthly Happy Hours with the YP group in the Houston area, which has helped members to network, make new connections, and for students and those in transition, to meet potential employers, and meet potential sponsors and exhibitors for our events.

One final project I'm working on is adding more transparency in the selection of committees' members and volunteers in general. Before the end of our term, we will be launching the interactive volunteer tab on the SPWLA website. Members will be able to express interest in participating in committees, technical reviewers, paper contest judges, and regional distinguished speakers. Their email will go into a list and will be provided to the officer in charge of coordinating the committee/initiatives. This will be your opportunity to contribute to the organization.

I'd like to congratulate the incoming board for being elected by the membership. This year we have an excellent turnout compared to 2019. Last year a total of 589 (24%) members cast a ballot, compared to 732 members this year (38%), close to a 25% surge in votes. I'm excited about the diversity of the new board—we now have the fifth woman elected President and a good mix of officers from operators, service companies, and consultants. I also want to congratulate the recipients of the 2020 Awards. We have one gold medal award this year and for the first time we are bestowing the YP Technical Award to three outstanding young scientists from academia and industry.

Finally, I would like to express my gratitude to the SPWLA's International Board of Directors, the headquarters' staff, chapters, SIGs, YP, students, sponsors, exhibitors, and the wonderful volunteers that selflessly devote time to the SPWLA and for supporting me during my tenure. I enjoyed these three years working with three different boards of directors with different ideas and personalities, which allowed me to learn and understand the needs of the membership. It is important to mention that I had an advisory committee of Past Presidents that I reached out every now and then to hear their opinion about the SPWLA and how I can make an impact. Thank you to David Kennedy, Thaimar Ramirez, and Luis Quintero. I feel proud to have worked with such a great group of professionals.

From the President

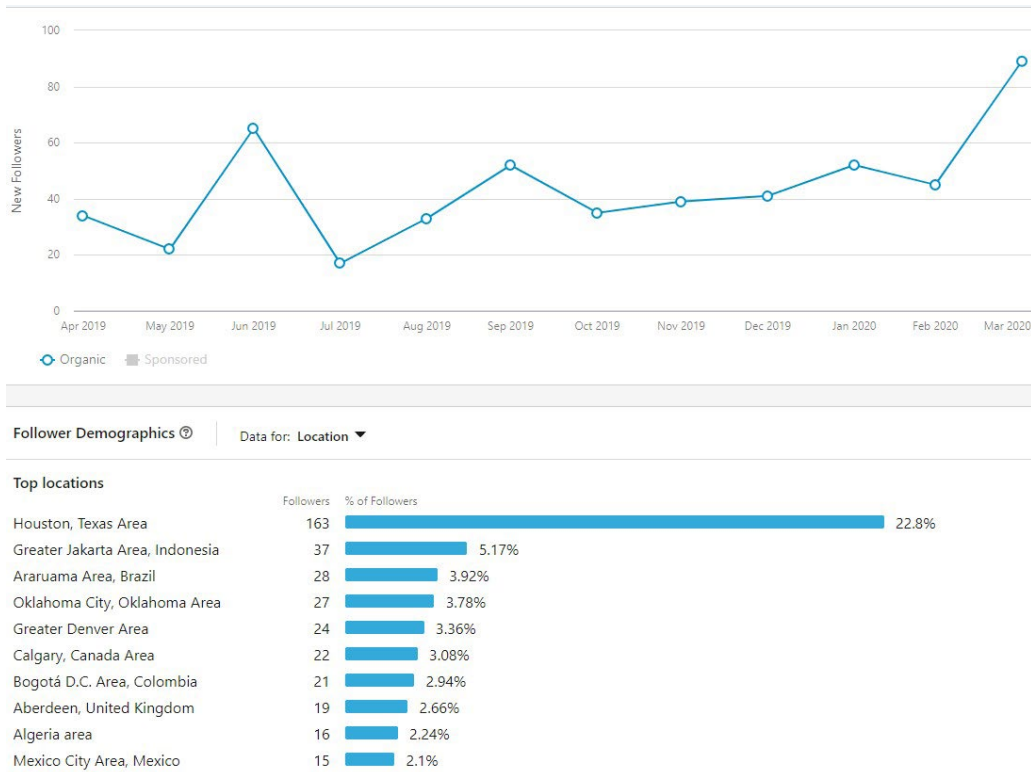


Fig. 1—The number of followers added to the SPWLA Social Media account on LinkedIn in the last year. We have experienced steady growth in the number followers from the US and different places around the world (source: LinkedIn Analytics).

This is what the SPWLA is about, the leading organization to promote the advancement of petrophysics and formation evaluation as we’ve been doing it for 61 years and counting. We ought to continue to thrive in the ups and down of the industry. The SPWLA needs to continue its modernization, I’m leaving the leadership in the very capable hands of Jim Hemingway a super veteran of the SPWLA. For those of you who don’t know, the commitments and responsibilities of the office of President do not end here. The immediate Past President serves as the Chairman of the Awards and Nominations Committees, so think about who you want to nominate for next year’s awards or if you want to run for a position in the board, you know how to find me. In the following years, the Past President is involved with the SPWLA Foundation to raise funds and evaluate candidates for scholarships. I look forward to working with other Past Presidents in this noble endeavor.

Closing with a picture with my officemate for the last 6 weeks, my son Marcelo Jeremiah, soon to be 5. He’s been a good sport and very happy that dad works from home everyday.

Stay connected my friends,
 Jesús M. Salazar, PhD
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 Instagram @chichosalazarpetro



From the Executive Director



Sharon Johnson
SPWLA Executive Director

SPWLA traces its petrophysics roots for 61 years in the oil and gas industry. Like all businesses and professional societies, we are adjusting our business model to continue to deliver our services during this unprecedented time. As news and information have evolved, so have our promises to deliver our valued educational programs.

As we cannot predict the future, our 2020 Annual Symposium technical program will be delivered to your desktop one day per week, starting June 24, and spanning 6 weeks. The SPWLA Board of Directors have placed an affordable price for the digital seats opening soon for registration. The agenda will be shared as soon as VP Technology, Michael O'Keefe has collected all information needed to finalize the program. Another event in our Annual Symposium program that will be available to you to register for (at no charge) is a digital seat at the Annual Business Meeting, June 22, 2020, 9:30–11:30 am, CST. Details of the Annual Awards ceremony will be announced soon.

I hope that you will join us!



Kindest Regards,
Sharon Johnson



Tom Neville
2019–2020 Vice President
Publications

Greetings and welcome to the May 2020 edition of *SPWLA Today*. This will be the last issue published during my term as Vice President Publications, so I would like to take this opportunity to thank everyone who has helped and supported me throughout the last year.

Firstly, I would like to thank the people that literally make SPWLA publications possible. Thanks to Stephen Prensky, Managing Editor of *SPWLA Today* and *Petrophysics*, and to Sharon Johnson and Stephanie Turner from the SPWLA Business Office. Without their assistance, you would not be reading this today. I would also like to thank everyone who contributed to *SPWLA Today* over the past year, with a special thanks to Barbara Anderson and E.C. Thomas who have been regular contributors to this publication. Thanks also to my fellow members of the International Board of Directors for their columns in each issue, and the SPWLA Young Professionals Group, particularly Sid Misra and Javier Miranda, for their work on The Bridge.

I would also like to congratulate my successor Mayank Malik, the 2020–2021 Vice President Publications, and thank both Mayank and Songhua Chen for running for this position in the recent board elections. SPWLA is a volunteer organization and relies on the commitment of people such as these to keep it running. I wish Mayank all the best for the next two years. I would also like to once again thank my predecessor Carlos Torres-Verdín for leaving SPWLA publications in the great

shape they were when I took over from him.

Finally, I would like to thank all the members of the Society that showed their confidence in me by voting for me a year ago, and all of the readers who have reached out with comments and suggestions over the past year. SPWLA exists to fulfill the needs of our membership, and so SPWLA publications are your publications, and I encourage you all to continue to contribute to their direction.

I look forward to the opportunity to meet up with you all in person again sometime soon, and in the meantime, stay safe.

Tom Neville
Vice President Publications
tom.neville@formation-evaluation.asia



James Hemingway
2019–2020 SPWLA
President-Elect

Greetings,

Wow, what a difference a couple of months make. Most of you are probably reading this from home and wondering what the future will hold, not just for ourselves but for our industry.

In my previous letter I made the statement *“The business trend that I have never been able to adapt to is stability 😊 and we are in a slow but stable economy. Who knows, we might just decide that a little stability is good for this industry.”* So perhaps this lack of stability is all my fault. We could probably use a bit of nice boring stability about now. I’ll watch what I say in the future!!!

Sadly, everyone has heard by now that the symposium in Banff has been canceled. This is the first symposium in the 61-year history of the SPWLA that has been canceled. Plans are in process to present the papers intended for Banff in an online format. Details will be announced shortly. The plan to hold the Annual Symposium in Boston in 2021 remains unchanged, at least partly because the summer of 2021 is too far away to think about any changes.

Two months ago, it was my intention to shift focus from conventional formation evaluation techniques that are primarily based on using resistivity measurements for saturation analysis to the use of multiple techniques based on both openhole and casedhole measurements. Our profession continues to be squeezed out by the competition which is essentially the “no-logs” faction. This is primarily a North American issue at present, but it is spreading throughout the world. We (petrophysicists) may not see the issue since from our perspective we are generally not involved in wells where no formation evaluation data are acquired.

As important as I feel it is for our profession to adapt to the new ways that completion decisions are being made, we now must face a pandemic and a good old-fashioned oil price war. However, the events of the past couple of months need not distract us from adapting to a changing industry, in fact it is more imperative than ever that we adapt. More on this later, but I hope to see more publications and ideas next year that address the segment of our business that is slowly being done sans-petrophysics.

This will be my last letter as President-Elect. I am looking forward to serving as President this coming year. It will be challenging and it will most certainly be interesting. It will also be my objective to turn obstacles into opportunities and at the rate things are going I expect we will have plenty of obstacles.

I hope to see everyone online or at whatever event occurs next where we can meet face to face or at least camera to monitor.

Best Regards,
James Hemingway, P.E.
SPWLA President-Elect

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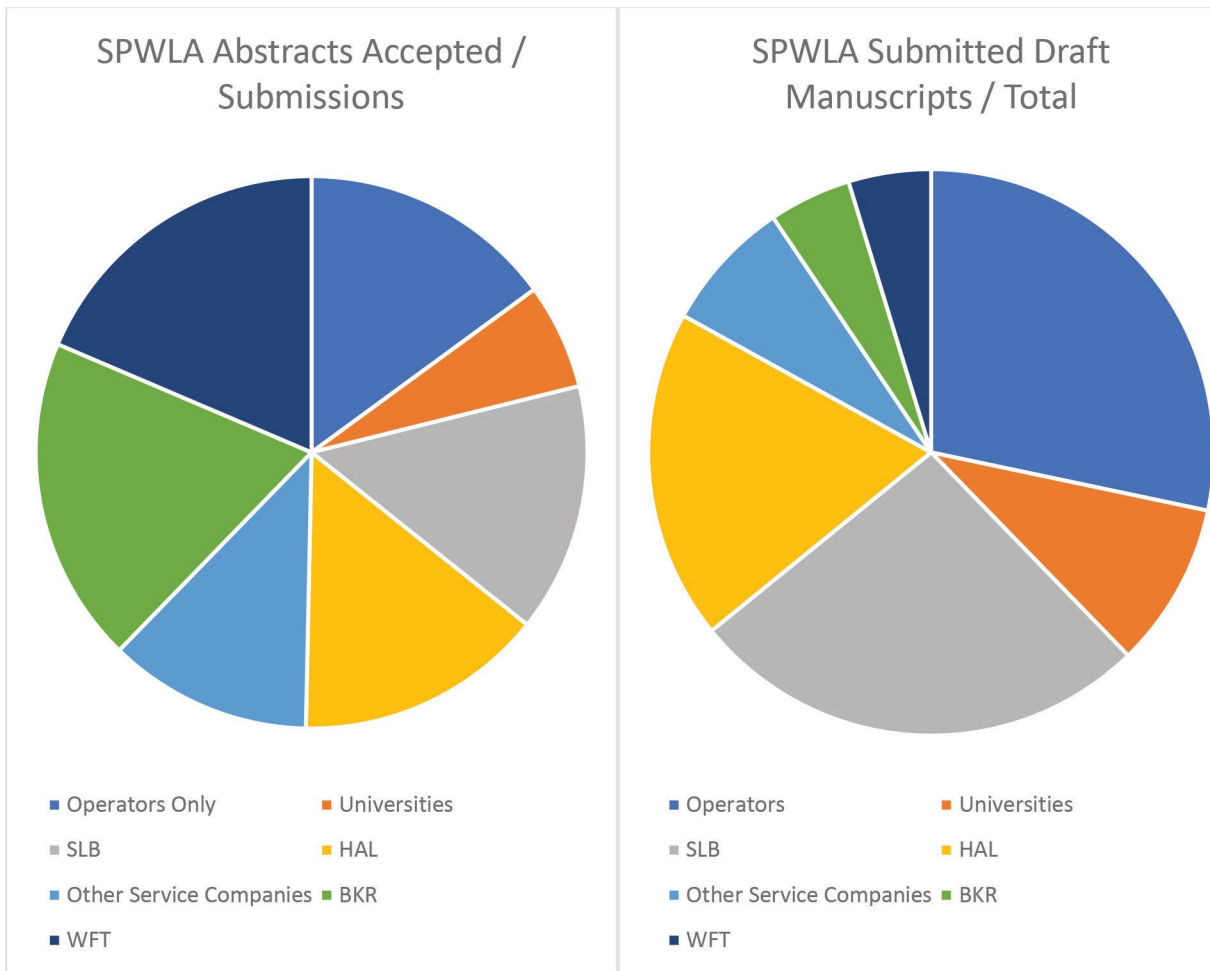
Michael O'Keefe
2019–2020 VP Technology

Dear Friends and Colleagues,

I am pleased to inform you that the SPWLA 61st Annual Logging Symposium WILL be going ahead, using an innovative online schedule that caters for our global membership base. Starting on Wednesday, 24 June, and continuing every Wednesday for 6 weeks over three different time zones that reflect the geographic diversity of our authors. It will be quite the historic event!

We have a rich offering of 106 manuscripts to publish online for this Symposium, which is a much smaller dropout rate than expected, given the lockdown of the world today and the challenges of working from home that we are adapting to. Not all of these manuscripts will be presented online— as this is a new delivery format I have made it a voluntary choice for the accepted author whether or not to present their material. Once they submit their final manuscripts in May, I will be able finalize the online program, and the registration site for the symposium will open as well in a few weeks.

This year we shall introduce a chronological numbering system for the manuscripts, to replace the legacy SPWLA_AAA alpha-indexed version. This change has been needed for quite some time, and is a welcome update that will make searching for and referencing our manuscripts much easier. Every manuscript published will of course be given a unique DOI that references directly back to our archives on the SPWLA website. Furthermore, in conjunction with VP Publications (Tom Neville), we intend to renumber all historical manuscripts and journal articles over the last 61 years, and watermark them with an assigned DOI, so that we have a consistent library of catalogued publications. A rich treasure trove indeed!



We have come a very long way since I sent out the Call for Abstracts on 19 August 2019. A total of 384 abstracts was received, and after a blind review by my Technology Committee (45 people ranking 100 abstracts each) the results were averaged, which yielded 145 abstracts accepted. This included both oral presentations and posters scheduled for Banff, and was higher than usual due to our initial plan to host parallel sessions. There was a very even distribution of author affiliations, as shown in the graph on the left.

Fast forward to April 2020, and our world has changed entirely, in ways that we could never have predicted. Due to the current crash in the oil industry, many drilling programs have been suspended, thousands of employees have been furloughed or released, and COVID-19 is preventing international travel, and of course, these external factors have weighed upon the technical program. There have been 39 papers withdrawn this year, of which 24 have been from operating companies. Still, I am very pleased to say that case studies from operators dominate our technical program, together with a significant increase in contributions from smaller service companies.

I have read most of the draft manuscripts last week, and let me assure you that we have an astounding catalog of technical innovation to deliver during our first ever Online Symposium!

My Technology Committee is back at work right now, reviewing all the submitted manuscripts and ensuring SPWLA standards are adhered to before publishing in the symposium. This is not a peer review, but a double-check that the intent of the original accepted abstract has not changed in the draft paper, filtering any overt commercialism, checking spelling/grammar and formatting including figures and tables, etc. I would really like to thank them for all their input over the last year, it really takes a special talent to be able to read and rank 100 abstracts, then review papers. I would like to publish their names again (below), so our SPWLA community can recognize exactly who helped to deliver an outstanding technical program for our 61st Annual Symposium.

In closing, this will be my last column in *SPWLA Today* as VP Technology. The new Board of Directors has been elected and will take over in late June. I wish them every success in steering our Society through what will be a difficult time, without local chapters reconvening in the near future. I will stay on an extra month to deliver the Online Symposium for which we have been planning all year.

It has been a real honor for me to serve the Society in this capacity on the Board of Directors, and I would like to personally thank both Jesus Salazar and Jim Hemingway for their experience and guidance, which was invaluable to me as VP. Also, a very special call out to Stephanie Turner who has been incredible in helping me communicate with all authors and cope with some very high workloads. I leave you with a picture from our last virtual Board Meeting together, and wish Katerina all the best in her future role as President-Elect.



Regards,

Michael O'Keefe
Vice President Technology

SPLWA Technology Committee 2019—2020

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Sap Basu	ConocoPhillips	Senior Reservoir Engineer	Houston	USA
Richard Bootle	CNOOC International	Senior Petrophysicist	London	UK
Emmanuel Caroli	Total	Petrophysics & FE Senior Specialist	Pau	France
Jinhong Chen	Aramco Services	Reservoir Engineer	Houston	USA
Lu Chi	Halliburton	Principal Petrophysicist	Houston	USA
Robert Christie	Weatherford	Global Evaluation Software Manager	Houston	USA
Donald Clarke	ExxonMobil	Senior Petrophysical Advisor	London	UK
Michel Claverie	Schlumberger	Technical Director - Petrophysics	Houston	USA
Liz Davis	BP	Petrophysicist	London	UK
Lara Demirezen	Chrysaor	Petroleum Geoscientist	Aberdeen	UK
Sandrine Donnadieu	Equinor	Petrophysics Discipline Lead	Bergen	Norway
Ian Draper	Baker Hughes	Key Accounts Manager	London	UK
Hesham El-Sobky	ConocoPhillips	Petrophysicist	Houston	USA
Giuseppe Galli	ENI	Petroleum Engineering Senior Advisor	Milan	Italy
Eva Gerick	Neptune Energy	Senior Petrophysicist	Paris	France
Weijun Guo	Halliburton	Nuclear Advisor	Houston	USA
Adam Haecker	Continental Resources	Regional Director - North America I	Oklahoma	USA
Terry Hagiwara	Aramco Services	Senior Consultant	Houston	USA
Caren Harris	Apache	Petrophysical Advisor	Bellaire	USA
Iulian Hulea	Shell	Senior Petrophysicist	The Hague	Netherlands
Marianne Iversen	Equinor	Petrophysics Discipline Lead	Bergen	Norway
Matt Jameson	Glencore	Geoscience Teamlead	London	UK
Yngve Johansen	Aker BP	Chief Petrophysicist	Trondheim	Norway
Mark Ma	Saudi Aramco	Regional Director - Middle East/Africa	Dhahran	Saudi Arabia
Natasa Mekic	Weatherford	Principal Petrophysicist (R&D)	Houston	USA
Alberto Mendoza	Lytt	Petroleum Engineer	London	UK
Javier Miranda	DeGolyer & MacNaughton	Senior Petrophysicist	Houston	USA
Brian Moss	Mantra Petrophysics	Senior Petrophysicist	London	UK
Geoff Page	Baker Hughes	Region Petrophysicist Advisor	Aberdeen	UK
Tegwyn Perkins	Lloyds Register	Principal Technical Advisor	Houston	USA
Marco Pirrone	ENI	Production Petrophysicist	Milan	Italy
Carole Reynaud	Consultant	Senior Petrophysicist	Nice	France
Jorge Sanchez Ramirez	BHP Billiton	Senior Petrophysicist	Houston	USA
Aaron Shelby-James	ASJ Energy Solutions Inc.	Director of Petrophysics	Calgary	Canada
Philip Singer	University - Rice	Research Scientist	Houston	USA
Bjorn Sirum	Clarios	Process Engineer / Petrophysicist	Florence	USA
Kelly Skuce	Core Petrophysical Consulting	Regional Director - North America II	Calgary	Canada
Lalitha Venkataramanan	Schlumberger	Mgr Automated Log Interpretation	Boston	USA
Haijing Wang	Chevron	Senior Petrophysicist	Houston	USA
Josephine Wheeler	Shell	Petrophysicist	London	UK
Chris Woods	Woodside	Petrophysicist	Perth	Australia
Tetsuya Yamamoto	JAPEX	Senior Petrophysicist / Geoscientist	Tokyo	Japan
John Zhou	Maxwell Dynamics	President	Houston	USA



Lin Liang
2019–2021 Vice President
Information Technology

Hello SPWLA community members,

I hope you and your family are staying healthy and safe in these unprecedented times. As the entire society is in a state of emergency, we regretfully have to cancel the planned face-to-face Symposium planned for June and leave Banff to the future. I appreciate the tremendous effort the organizing committee has invested. The new agenda will be announced by our President and Vice President of Technology.

The entire oil and gas industry has been suffering enormously due to the stack of the pandemic and plunge in the price of oil. Many of our colleagues, unfortunately, were hit in this gloomy downturn. However, compared to our predecessors a hundred years ago, when people suffered from wars and pandemics simultaneously, our situation is much better. Their hard struggle eventually brought us into a blooming modern era. Therefore, there are reasons to let us keep our spirits up and look forward to a better future and make better use of this temporary rest.

Below, I would like to introduce a few areas we may spend time on:

- Continuous self-learning. As a paid member, you are eligible to download individual articles or the entire issue of *Petrophysics* Journal without charge. The trick is to log into the SPWLA official website and browse the publications, choose any issue of interest and click “Here to DOWNLOAD the FULL ISSUE of this *Petrophysics* Journal”. Any questions please contact Sharon@spwla.org
- Many colleagues may face a challenging time and probably have more spare time in this period. It is a good opportunity to recharge yourself and get ready for the next wave. All the SPWLA published tutorials can be searched from OnePetro by searching for “tutorial” with the advanced option of selecting the publisher to be “Society of Petrophysicists and Well-Log Analysts.” After identifying the tutorials you would like to study, you can choose to download them from either the SPWLA website or OnePetro
- A YouTube playlist named “SPWLA Nuggets of Wisdom” has been created. So far, we have posted Dick Merkel’s and David Kennedy’s videos to YouTube. It is free for public access. https://www.youtube.com/results?search_query=SPWLA+Nuggets+of+Wisdom If anybody interested in contributing to this program, please contact VP-Education@spwla.org
- People have been waiting a long time for SPWLA to provide LaTeX templates for paper preparation. Now, we have published the first LaTeX template for preparing the SPWLA Symposium paper. The template is settled on GitHub with public access. The template will continue to evolve for a while, the final version will be published on the SPWLA website. Before that, you are welcome to try, and we appreciate your feedback. <https://github.com/SPWLA-ORG/templates/tree/master/symposium/latex> Any feedback please send to: VP-InfoTech@spwla.org
- We set up an open-source organization on GitHub. For those who are interested in contributing your ideas and energy, you are welcome to join this community by sending an email to VP-InfoTech@spwla.org. Before that, you need to confirm with your company about the policy and understand what you can and what you cannot do.

The SPWLA open-source repositories are located in <https://github.com/SPWLA-ORG> Following all the rules, if you are interested in kicking off an open-source project under SPWLA organization, please send your request to VP-InfoTech@spwla.org

The election of the new board for the 2020–2021 term has been announced. I will continue to serve as the Vice President of Information Technology for another year. I am looking forward to collaborating with the new board and expecting to offer more contributions to the community. Please let me know if any feedback or suggestion on further improvement.

I wish that you and your family stay healthy and safe during this period of unrest.

Lin Liang
Vice President Information Technology

Learning Opportunities



Katerina Yared
2019-2020
Vice President Education

Dear SPWLA members,

I hope this email finds you all in good health.

Continued knowledge sharing and education is what drives our industry's technology and innovations now more than ever, with everyone going to remote learning and working, SPWLA keeps on providing you with possibilities to learn. We have the following lined up for you:

Date	Speaker	Title
May 12-13	Colin Schroeder (UT at Austin)	Experimental Investigation of Mud-Filtrate Invasion Using Rapid Micro-CT Imaging
June 2-3	Harry Xie (CoreLaboratories)	Investigation of Physical Properties of Hydrocarbons in Unconventional Mudstones Using Two-Dimensional NMR Relaxometry

Find the links on our webpage to register for our monthly webinars: www.spwla.org.

We have the opportunity for every chapter to offer virtual "Lunch and Learns" or monthly chapter meetings to their members and some chapters have taken advantage of this already. Please reach out to me if you want to schedule virtual meetings for your chapters. We are here

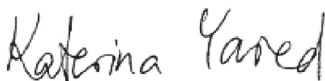
to help your members being connected.

I also am still looking for people wanting to share your knowledge with the world in the "nuggets of wisdom series". Email me if you are interested in release your wisdom in a video capsule for generations to come!

As this will be my last letter to you as VP of Education I want to thank all of our 2019-2020 Distinguished Speakers for their continued support and dedication to the SPWLA and to our members. We would be nothing without you!

I am grateful to have served as VP of Education and I am looking forward continuing to serve you as President-Elect! No words can describe the gratitude I have for all the people that supported me now and throughout the years! Congratulations on the new VP of Education Fransiska Goenawan. You are in great hands with her! To my fellow opponent, Michael O'Keefe I want to express the most heartfelt gratitude for your encouragement and support. I will make you proud!

Thank you all kindly and let's make the best out of this situation and #staysafe!



Katerina Yared
SPWLA VP of Education (2018-2020)
vp-technology@spwla.org

Regional Understandings – North America 1



Adam Haecker
2018–2020 Regional Director
North America 1

As I write this, we are in the midst of a pandemic! For the first time, in 60 years as far as I can tell the SPWLA Symposium is canceled. I, like probably all of you, are working from home. As you can see from the photo, I have my poster of the Millennium Falcon flying over Tatooine to keep me company.

This will be my last column as a board member. I wish to congratulate all the incoming members on their election, especially Tegwyn Perkins, he will be an excellent VP of Technology. I will likely try again next year so you might see me on a ballot in 2021.

Here are the current issues facing the society as far as I can see. These may have been covered in other columns in more detail. As I write this we are having another board meeting tomorrow, so things are subject to change. I leave this role in Robin Slocombe's capable hands.

- What to do about having a virtual symposium? We are thinking of having a series of free online sessions via GoTo meeting for the authors to present their papers. The first drafts just came in this weekend, so we will see the dropout rate and then Michael O'Keefe can prepare an agenda.
 - The International Student Paper completion is still on! It will be held virtually also so bragging rights will go to the winners. Polish those presentations!
- Right now, I project that without the symposium profits, we will have a budget deficit of approximately \$130,000. We are on sound financial footing to absorb this, assuming it does not continue for a number of future years. So, don't worry, the SPWLA is not going anywhere.
 - We must address the issue regarding elections, in particular, the number of people from a single company that can serve on the Board at one time. This year, a candidate in the Middle East region was not seated on the board due to a bylaw-mandated coin toss, despite getting 75% of the vote... The current system is not satisfactory in my opinion and I proposed an amendment to the new president, Jim Hemingway, and I hope he will act on it.
 - We will still have a business meeting to discuss any issues as well as handover the reins to the new board. Most likely in late June.
 - Awards are still being given out this year. They will be granted at a ceremony to be scheduled. Many deserving folks were awarded this year and they deserve their day in the sun.

I would like to thank all the supporters who elected me to this job in the first place, I am humbled by your trust. Here are the things I have achieved during my term as NA1 director:

- Helped restart the Tulsa and Texas A&M student chapters, although my contribution was small compared to the fine officers running each chapter.
- Created a formal bonus system for the office staff.
- Gave multiple talks at OU and one at Texas Tech for the student chapters.
- Created a Wikipedia page for SPWLA.
- Presented the Keynote at the JFES symposium in Chiba, Japan.
- Proposed an amendment to loosen the limit on two members from the same company serving on the Board at the same time (it was rejected).
- Worked with Katerina on starting a certification program similar to what SPE offers.
- Worked with Lin on the SPWLA website some, although not a lot.
- Served on the Technology Committee this year.

In closing, assuming you are still reading to this point, I am glad to have served on the SPWLA board and once again want to thank everyone with whom I have interacted over the past two years. I am not going to fall off the face of the earth after not serving on the Board any longer. I plan to continue to contribute to the local OKC and Tulsa chapters. If you are in the neighborhood, drop me a line and we can talk petrophysics. I hope everyone gets through this coronavirus period and this economic downturn. We may not all have the same jobs after it is over, but I think there will always be a place for good petrophysicists in the oil industry.

Excelsior,

Adam Haecker

Regional Understandings – Middle East and Asia



Shouxaing "Mark" Ma
2019–2020 MEA
Regional Director

Hello Fellow SPWLA Friends,

I am reminded that my 2-year term as SPWLA regional director will end shortly. Time flies, especially if you enjoy it! I will miss you all, particularly those SPWLA leaders and members in the Middle East and Africa region! After retiring from the SPWLA Board of Directors, I should continue actively participating in and contributing to SPWLA events, locally, regionally, as well as globally and encourage you all to do the same! SPWLA is our organization, it needs all of us to work together to move it forward!

SPWLA VP Publication Tom Neville started a column of My Library a while ago. In the era of internet of things and content mobility, what is the value of My Library? Looking at my library, I would like to share a few thoughts with you;

- **Valuable Material.** Materials are still available in your small personal library that must carry special value to you. Keep them!
- **Systematic Knowledge.** Unlike the internet, information found in your library is systematic. For example, a book on laboratory petrophysics covers all possible aspects of core analysis.
- **Trustworthy.** Information found in a library also tends to be more trustworthy because the content is carefully assembled and delivered by the author(s) and the materials are thoroughly reviewed and edited by the publisher through subject matter experts. An excellent example may be the half-century old book by Amyx, Bass, and Whiting on *Petroleum Reservoir Engineering: Physical Properties* published by McGraw-Hill Book Company in 1960, which is still sitting in the middle of a book shelf in my library, protected under issues of *Petrophysics* Journal. On the other hand, use of material found on the internet is at your own discretion.

Looking at my small library carefully, I suddenly have a strong feeling that I owe a great debt of gratitude to (1) the logging and core analysis service industry, and (2) to the professional training organizations. Considering that the majority of SPWLA members do not have a petrophysics degree, because few schools offer it, it is imperative for us to be thankful to those who provided opportunities for our training and professional development. Those, often 'free', log interpretation charts, manuals, and data books are invaluable and irreplaceable in our daily work. I am grateful to the professional training organizations, who provided valuable services to the industry through general as well as targeted training. These services are especially useful for the young professionals or senior professionals who need to acquire knowledge that is newly emerging, such as the topic of unconventional resources evaluation in the last decade.

Finally, I am thankful to the many friends and colleagues in the industry who have selflessly shared their subject matter expertise through different events, many are sponsored by professional societies such as SPWLA.

Learning and self-development is a lifelong journey along which My Library plays a critical role, enjoy it!

S. Mark Ma

SPWLA Director -Middle East and Africa Region



SPWLA SIXTH BOARD OF DIRECTORS MEETING
SPWLA BUSINESS OFFICE
HOUSTON, TEXAS
APRIL 15, 2020

President, Jesús M. Salazar called the meeting to order at 8:00 a.m., this meeting was attended remotely by all members on the board. In attendance Vice President Finance Doug Patterson, President-Elect, James “Jim” Hemingway, Vice President Technology, Michael O’Keefe, Vice President Education, Katerina Yared, Vice President Publications, Tom Neville, Vice President Information Technology, Lin Liang, Regional Director N. America 1, Adam Haecker, Regional Director N. America 2, Kelly Skuce, Regional Director Asia/Australia, Jennifer Market, Regional Director Middle East, Mark Ma, Regional Director, Latin America, Nadege Bize-Forest, Regional Director Europe, Craig Lindsey and Executive Director, Sharon Johnson

A motion made by Doug Patterson to waive the reading of the minutes from the February 13th board meeting was seconded by Kelly Skuce. All approved and the motion passed

A motion made by Katerina Yared to approve the nomination for Outstanding Student Chapter Award to TTU (Texas Tech University) was seconded by Doug Patterson. All approved and the motion passed

Action Item: Adam Haecker to notify the TTU Student Chapter of the board approval.

Action Item: Jennifer Market will submit a nomination to the board for an Outstanding Professional Chapter award from her region by April 21, 2020.

A motion made by Katerina Yared to spend \$4,000 (\$1,000 for each category) of the 2019–2020 Distinguished Speaker travel budget on prize monies for the winners of the 2020 International Student Paper Contest was seconded by Tom Neville. All approved and the motion passed

Action Item: All board members to send 2 to 3 slides outlining the

highlights of your tenure and accomplishments to be presented at the Annual Business meeting. Jesus will collect the slides, send them to him by May 15.

Action Item: Sharon to send an email announcement/invite to the membership for the remote Annual Business Meeting, June 22nd 2020, 9:30-11:30 AM, Houston time.

Action Item: Michael and Tom to work together on an SPWLA identifier numbering scheme for technical papers and submit it to the board for a vote.

Action Item: Tom to write a short description of the *Petrophysics* and Newsletter editorial manager responsibilities as soon as possible to solicit for a potential candidate to fill the position.

Action Item: Doug to audit the unclaimed expenses from the canceled 2020 Annual Symposium in Banff and make a recommendation for registration fees for attendees to attend a virtual technical program.

President, Jesús M. Salazar, appointed President-Elect, Jim Hemingway Chairman of a review committee for the SPWLA Bylaws and Articles of Incorporation, and to make proposed change recommendations to the board.

A motion made by Doug to adjourn the meeting was seconded by Katerina at 12:21 pm.

Respectively Submitted by
Sharon Johnson, Executive Director

Next BOD meeting: May 14, 2020, SPWLA Business Office Houston and Remotely

The 2020 SPWLA Electromagnetism Workshop That Almost Happened



Barbara Anderson
SPWLA President
1994–1995
SPWLA Gold Medal for
Technical Achievement
2007

When a draft of this column was written over a month ago, the intention was for it to provide an overview of the Electromagnetism Workshop that Martin Lüling and I were cochairing at the Banff Symposium. At that point, our workshop proposal had been accepted by the Technology Committee, we were working on PowerPoint slides, and two of several guest speakers (David Allen and Scott Jacobsen) had accepted invitations.

Then the Symposium was canceled because of travel bans caused by the coronavirus. Although the accepted papers will be published, it's difficult to recreate the interchange of ideas that occurs during workshops. As a consequence, the scheduled workshops were all canceled, and workshop organizers were encouraged to resubmit their proposals for the 2021 Symposium in Boston. With a year still remaining before the next Symposium, the additional time provides an opportunity for readers to get involved in adding (or deleting) topics from the agenda.

The planned focus of the workshop was to make the accumulated information about electromagnetic measurements (from low-frequency laterologs to GHz-frequency tools) readily available to the younger generation of petrophysicists. Because of the recent downturn in the industry, many experts in electromagnetism have retired. The workshop would be one way to provide educational material before the remaining experts disappear.

The previously planned agenda is listed below for you to review and comment on.

- *The Origin of Wireline Logging In 1927.* The first logging job gives insights into measurement principles and tool design. Fig. 1 shows the original well in Pechelbronn and the first log.

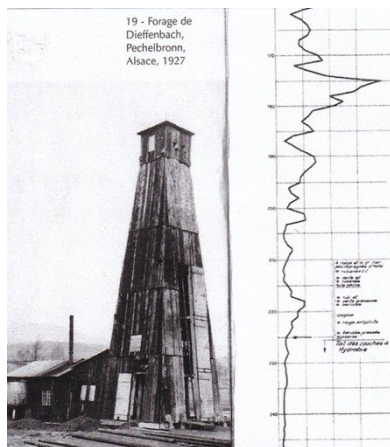


Fig. 1—On the left is the Dieffenbach well in Pechelbronn, Alsace, where the first electrical log was run on September 5, 1927. On the right is the log itself, recorded by hand (from Delacour, 2002).

- *Wireline and LWD Tools and Methods.* A catalog of tools shows how designs evolved over time from simple three-coil/electrode devices to the multicoil, multifrequency sondes of today.
- *Who Still Believes Archie's Relationship?* Resistivity and saturation relationships have been tweaked so much that it's difficult to know what to apply and when to use it.
- *Maxwell's Equations Combining Electric Conductivity and Dielectric Permittivity.* Using array tools, complex conductivity signals and multiple frequencies make inversion practical, if you know how to sort out the information.
- *Strange Induction Logs and Their LWD Counterparts.* If your modeling or inversion results are "strange" and don't look

The 2020 SPWLA Electromagnetism Workshop That Almost Happened

like the field log, you need to rethink your interpretation, or perhaps talk to some nonresistivity experts (also, refer to the Maxwell article in the November 2019 issue of *SPWLA Today*).

- *Laboratory Measurements on Barrel and Sidewall Cores—The Ground Truth*. Measurement scale, tool resolution, temperature and pressure can make a difference (also, refer to the gas hydrate article in the March 2020 issue of *SPWLA Today*).
- *Maxwell's Equations Generalized to Deviated Wells in Orthotropic Media*. Recent work indicates that yes, there can anisotropy effect on laterolog response. Where else can it be that we haven't yet considered?

If there are additional topics that you'd like to see covered, please send your suggestions to me at dr.strangelog@gmail.com.

There is background material for most of the topics listed in the agenda in Anderson (2001) (Fig. 2), which is available at no charge on the Delft University website: <https://repository.tudelft.nl/islandora/object/uuid%3Ae223c70a-2722-4f1f-b0bd-29716b816c64?collection=research>.

Hopefully, the workshop proposal will be accepted for the 2021 Symposium. If not, Martin and I have alternate careers we can pursue after retirement, as shown in Fig. 3.

Barbara Anderson

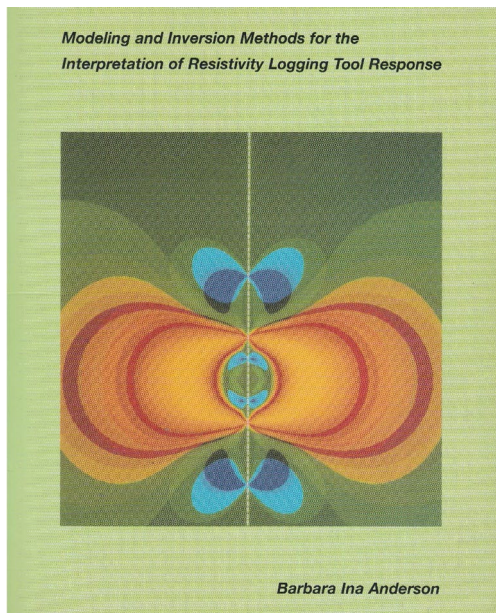


Fig. 2—A reference that provides background material for the canceled Banff Electromagnetics Workshop.



Fig. 3—Photo from the late 1990s of Lüling (second from left) and Anderson (far right) practicing in the electromagnetics lab during a lunch break with fellow members of the SDR R&B band "Higher Limits".

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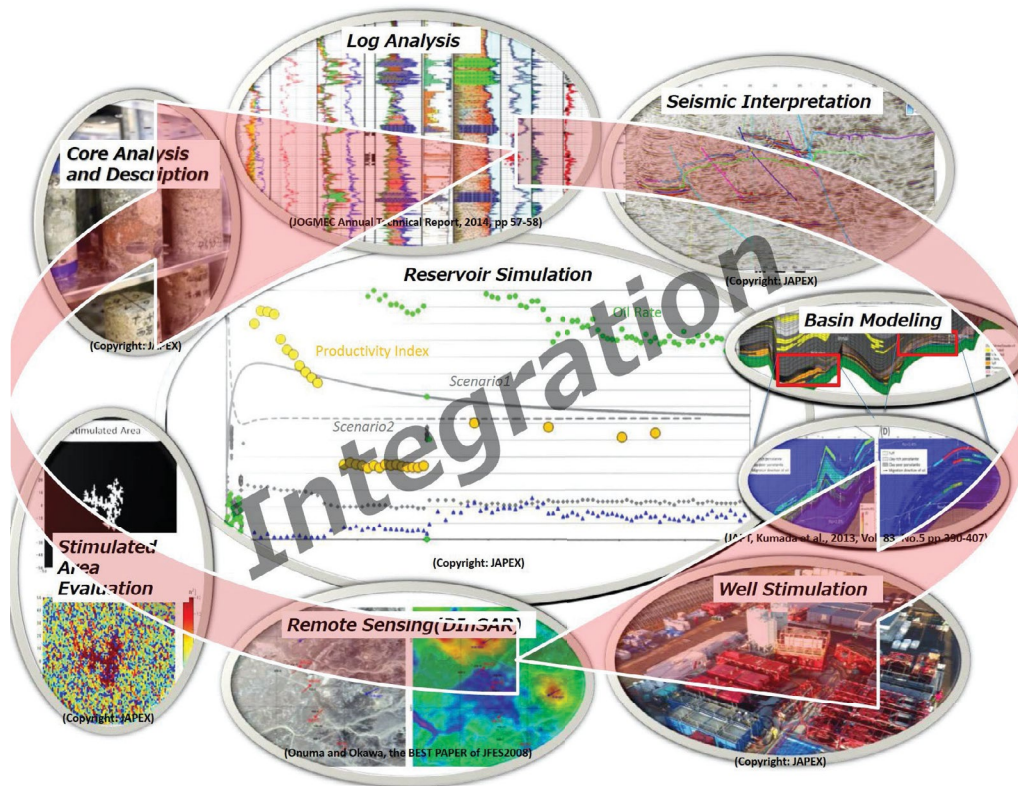
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Delacour, J., 2002, *Une technique de prospection minière et pétrolière née en Pays d'Auge*, Guidebook for Musée Schlumberger in Crèvecœur, printed by Expressions II, Paris.

26th Formation Evaluation Symposium of Japan Special Session: Integrated Evaluation

JOGMEC-TRC, Chiba, September 24–25, 2020

We are planning to invite Mr. Jim Hemingway, SPWLA President-Elect, as the keynote speaker for this symposium. In the special session, “Integrated Evaluation,” three speakers will present insightful talks: Dr. Tamaki (JOE) will provide a talk on construction of 3D reservoir models, through integration of cores, logs and seismic data, to evaluate methane hydrate potential in the areas of the offshore production test. Mr. Uchimura (JX) will discuss the use of a flow chart to resolve subsurface issues, such as setting up suitable objectives, team-building and adjusting multidisciplines. Mr. Kummar (Halliburton) will show us examples from deepwater blocks through presentation of drillstem test challenges and best practices.



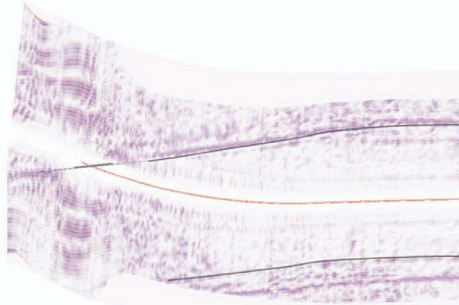
 JFES Japan Formation Evaluation Society  SOCIETY OF PETROPHYSICISTS AND WELL LOG ANALYSTS JFES—A Chapter of SPWLA	Sponsored	by	Japan Formation Evaluation Society – A Chapter of SPWLA	
	Cosponsored	by	Technology & Research Center, Japan Oil, Gas and Metals National Corporation (JOGMEC-TRC)	
	Supported	by	***** ***** ***** ***** *****	

Sponsorship Opportunities are Available



SPWLA Acoustics SIG Fall Workshop

Borehole Acoustics: The Road Ahead



October 19–20, 2020, Baker Hughes, CTI, Houston, Texas

Steering Committee: Matt Blyth (SLB), Alexei Bolshakov (Chevron), Arthur Cheng (NUS), Richard Coates (HAL), and Tim Geerits (BH).

SPWLA VP of Education: Katerina Yared (SM Energy).

This workshop will take the format of an open discussion between experts from the E&P industry, service companies and universities on a wide variety of topics focused on the future of borehole acoustics in a rapidly changing oilfield, including the following:

- Development/characterization/modeling of wireline and LWD sonic tools now and in the future.
- Development/characterization/modeling of wireline and LWD ultrasonic tools and new applications they could bring.
- Novel applications of both wireline and LWD data in open and cased hole. What could be developed to ensure borehole acoustics is increasingly relevant going forward?
- The application of machine learning and multiphysics approaches to borehole acoustics data. Could it allow us to do things we cannot do now?

Abstract Submission: The organizing committee would like to invite abstract submissions (< 1,000 words) on all of the above topics and others within the workshop mandate. Abstract submission is not mandatory in order to attend the workshop.

Abstract Deadline: June 2, 2020. Submit to abstract@spwla.org

The conference will consist of oral presentations followed by breakout/discussion sessions. Details regarding registration, workshop charges, presentation duration, breakout/discussion format, etc., will be available shortly. Please visit www.spwla.org for updated information when available.

To encourage sharing of the latest techniques, technologies, methodologies, ideas, and developments in borehole acoustics, proceedings and presentations are off the record. Video recording, photographing or quoting of speakers or their presentations will be expressly prohibited.

Company logos should be limited to the title slide to indicate the affiliations of the author and coauthors. Commercialism during presentations is not permitted.

Conference Attendance: seating may be limited due to room capacity. Preference will be given to applicants who are willing to present at this topical conference. Presenters will be expected to register and pay the registration fee.

Conference Registration Fee: To be announced shortly.

SPWLA Policy: It is the policy of this organization to provide equal opportunities without regard to race, color, religion, national origin, gender, sexual preference, age, or disability.



SPWLA Networking Happy Hour February 2020

MAY 2020

2020 Steering
Committee

Editors

Elton Ferreira

Kanay Jerath

Mathilde Lucyx

Javier Miranda

Senior Editor

Siddharth Misra

SPWLAYP@SPWLA.ORG

In this edition:

Happy Hour February 2020

First, we hope you are all staying safe and healthy during the COVID-19 times and that you are not affected by the most recent rounds of layoffs resulting from the lower oil price. We know many of us are worried about the current situation in our oil and gas industry. How are you dealing with the loss of routine, your social life and maybe your income? Are you worried about your future? We would like to hear from you! Please share with us your experience, send us pictures or anecdotes about how you are coping with this experience. There is always a silver lining in every story, we are all ears and would like to receive your feedback at spwlaysp@spwla.org.

Feel free to send us any questions, comments or anything you would like to read about in this section. We are currently working on two new sections and candidates for them that will give us an interesting material for upcoming issues, please stay tuned!

Before the quarantine or stay-at-home period we were lucky to have had our usual networking event. SPWLA members in the Houston area gathered to have our first happy hour of the year in February. The Yard House, a well-known patio and bar in the City Center area close to the Energy Corridor was an excellent location to network in a relaxed atmosphere. Several people from academia, operating, service and consulting companies attended. The crowd was very diverse, ranging from new members still in undergraduate or graduate school to some already retired members, such exposure was a great opportunity for both. We have had excellent attendance and feedback in all our events and several SPWLA members have become regulars. As a wise man says "Don't wait until to you need a network to start building one!" This is something that it is even more important these days!

As if this was not enough, we were honored by the attendance of both the current and a former SPWLA President: Jesus Salazar (2019–2020) and Luis Quintero (2016–2017). It has become a tradition to have our current president joining these events and his support has been key in increasing the attendance to technical and social events. Other former presidents, international and local officers and past distinguished speakers have followed, as we have seen in the past events.

Members who attended also had the opportunity to interact with SPWLA Houston Chapter Vice President (Downtown) Javier Miranda, as well as SPWLA University of Houston student chapter President Charles Adams. SPWLA Houston Chapter Past President Robin Slocombe also attended. Robin was recently elected as North America Regional Director for the international board. Congratulations!!

A Texas-sized THANKS to Baker Hughes who provided partial sponsorship for this great event, which kicked off 2020. We have received excellent feedback from our members who enjoyed hors d'oeuvres and drinks and pleasant conversation!

These bimonthly social events have been running for four years strong, what started as an YP initiative became a place for all SPWLA members living or visiting the Houston area to converse, network, and reconnect. We don't need to wait until the annual Symposium to have a good time with our colleagues. It has also been an avenue to meet potential SPWLA advertisers and exhibitors, new clients and possibly even your next employer.

They are typically held at different locations around the Houston metro area. You are encouraged to share your recommendations if you are interested in joining us in a place near you, especially if you and your team and colleagues will attend. So far, we have rotated locations among the energy corridor and up, mid and downtown. During these uncertain times, we can even have a virtual happy hour if there is interest.

SPWLA Networking Happy Hour February 2020



SPWLA members and petrophysics enthusiasts gathered recently for the first SPWLA networking event of 2020. SPWLA Houston Chapter Vice President Javier Miranda and SPWLA International President 2019–2020 Jesus Salazar and (first and third from left) were also in attendance.



SPWLA current president Jesus Salazar (first from right), SPWLA Houston Chapter past president Robin Slocombe (second from right) and SPWLA University of Houston student chapter President Charles Adams (third from left) with other members and petrophysics enthusiasts.



The Yard House, a nice patio and bar conveniently located in the Houston city center area offered a relaxed atmosphere that was the perfect spot to enjoy SPWLA's first networking event in February 2020.



University of Houston faculty members Drs. Michael Myers and Lori Hathon (first on left and third from right, respectively), SPWLA University of Houston student chapter President Charles Adams (first on the right) accompanied by other student members.



Part of the SPWLA Houston Chapter members in attendance including Gary Simpson and former President of the SPWLA International Board (2016-2017) Luis Quintero sharing a good time with other members, February 2020. It was the beginning of the annual Houston Rodeo as you can notice with Luis' cowboy hat and boots!



SPWLA Networking Happy Hour February 2020

Don't Miss Our Next Event!

We do not know how much time the current situation will last but we are sure we will have our next event once it is possible and safe for our members to gather again. Our social events have had high attendance in the past two years so we hope to maintain this trend in the upcoming happy hour event when it happens. We are sure we all will be anxious and eager to see each other, share a good time and network once the current situation is over, hopefully sooner than later. We are listening to our members' suggestions and will decide on a place many people can attend. You are also welcome to recommend new locations close to you, especially if you and your colleagues will attend!

Let us make the next event the most attended social gathering in SPWLA history (outside from annual symposium)! In the meantime, please stay at home as much as possible, take care of yourselves and stay healthy and safe. We are sure we will be back stronger and our industry will recover soon from current situation as we have done in the past. The world will need energy to continue moving and we will be there to supply it doing our best part to keep our planet moving in a safe and healthy manner!

Sponsorship opportunities are currently available for our upcoming social events!

Chapter News

ABERDEEN CHAPTER (Aberdeen Formation Evaluation Society, AFES)

General News

We are now, obviously, into unprecedented times, and as such, all our short-term AFES events have been affected. As with any organization we are rescheduling and reorganizing as best we can, but the immediate calendar is still in a state of flux. Please bear with us.

If the COVID-19 situation remains unresolved into the Summer months of 2020 we'll look into more use of webinars and virtual meeting to keep AFES current.

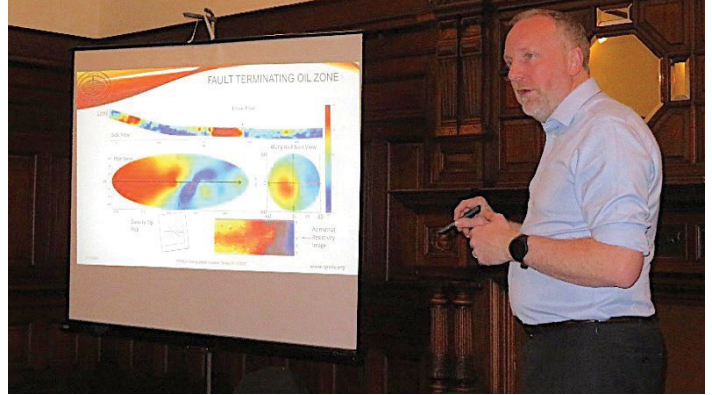
Recent Events

- 20 February 2020 – Before the restrictions took hold, we held an evening social event at 'Lane7' Ten Pin bowling, Union Street, Aberdeen. A small but elite group of bowlers arrived to challenge the AFES Committee members! AFES will consider a similar event for Autumn 2020.
- 12 February 2020 – Evening talk by Baker Hughes's Steve Cuddy: "The Benefits and Dangers of using Artificial Intelligence in Petrophysics." Steve discussed the obvious, and not so obvious, merits of AI. The event was attended.



AFES February 2020 meeting. Steve Cuddy presenting.

- 11 March 2020 – Evening talk by SPWLA Distinguished Speaker Nigel Clegg on "The Final Piece of the Puzzle: 3-D Inversion of Ultra-Deep Azimuthal Resistivity LWD Data."



AFES March 2020. Meeting. Nigel Clegg (Halliburton) presenting.

Upcoming Events

- The recent and unprecedented COVID-19 has postponed, canceled and delayed many of AFES's planned events:
 - Wednesday evening lectures: After liaison with our speakers, AFES has canceled the 22 April talk (Stein Ottar, Equinor) and the 20 May talk (Stacey Althaus, Aramco). We hope to reschedule these events for later in 2020.
 - PremierCorex lab/workshop tour We've also had to postpone this event which was scheduled for the 18 March. We hope to reschedule this for later in 2020.
 - Mid-July 2020 – A field trip to St. Cyrus (a coastal town around 30 minutes south of Aberdeen) is proposed view lava intervened with sedimentary layers.
 - Early September 2020 – Our Full-Day Seminar ("Core: The Most Valuable Asset in Your Reservoir"), originally planned for 2 April has been tentatively rescheduled for early September.



**Aberdeen Formation
Evaluation Society**



AFES 2020 Seminar

*Core: the most valuable asset in
your reservoir*

Rescheduled to early September 2020 – date TBD
Crowne Plaza Hotel, Aberdeen Airport

- 25–26 September 2020 – Devex2020, originally intended to be held 5–6 May 2020, has been tentatively rescheduled. www.devex-conference.org/

Please check our website (www.afes.org.uk), or contact myself (greg.blower@gaia-earth.co.uk) for details.

ABU DHABI CHAPTER

General News

We hope everyone is staying safe and healthy during these challenging times.

SPWLA Abu Dhabi has a new board of directors. The members of the SPWLA Abu Dhabi Board of directors are:



2020 -2021 SPWLA Abu Dhabi Board of Directors



Chapter President
Manish Singh
ADNOC Onshore



Technical program Officer
Douglas Boyd
ADNOC Upstream



Vice – President
Omar Al Farisi
ADNOC Offshore



IT –Coordinator
Hana Al Beshr
ADNOC HQ



Secretary
Jennifer Duarte
Lloyd's Register (UK)

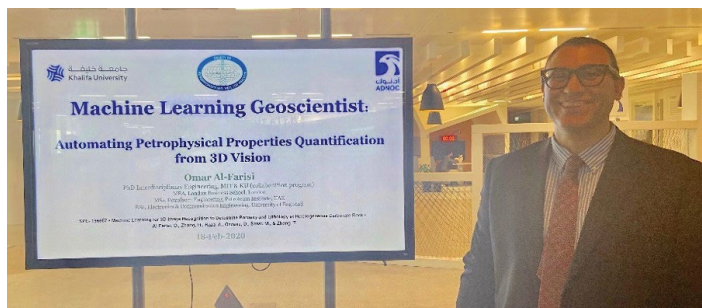


Treasurer
Amina Alwanq Al-Yaououbi
ADNOC HQ

The Chapter encourages all petrophysicists interested to join and become active members. Get in touch if you want to be added to our email list: abudhabi@spwla.org. Follow us on LinkedIn: SPWLA Abu Dhabi Local Chapter. We would love to hear from you!!

Recent Events

18 February 2020 – chapter hosted a Technical Event with Dr. Omar Al Farisi (ADNOC Offshore). The topic for this talk was titled: “Machine Learning Geoscientist: Automating Petrophysical Properties Quantification from 3D Vision.”



Abu Dhabi Chapter February 2020 meeting. Speaker Dr. Omar Al Farisi (ADNOC Offshore).



Abu Dhabi Chapter February 2020 meeting. Meeting attendees with the speaker Dr. Oman Al Farisi.

ACOUSTICS SIG

General News

After serving on the Acoustics SIG board since its inception, Philip Tracadas (Halliburton) has stepped down from his position as Publications officer. We would like to thank Philip for his hard work and contribution to the SIG during this time! Kris Walker (CVX) has agreed to take on the position and so we would also like to welcome Kris to the board.

Upcoming Events

19–20 October 2020 – The Acoustics SIG is pleased to announce our fall workshop “Borehole Acoustics: The Road Ahead.” The format of this workshop, which will be held in Houston, will be short presentations and open discussions between experts and users from E&P companies, service companies and universities on a wide variety of topics, focused on the future of borehole acoustics in a rapidly changing oilfield. The Call for Abstracts is open and we invite all interested parties to submit abstracts on relevant topics. Details on how to submit abstracts, and further information on the workshop can be found on the SPWLA website.

AUSTRALIAN CHAPTER

(Formation Evaluation Society of Australia, FESAus)

General News

FESAus, the Australian chapter of SPWLA combines the formation evaluation societies from around Australia predominantly Western Australia, as well as FESQ, New South Wales, Victoria and South Australia. Due to COVID-19, our technical meetings are now held via webinar, sponsored by Halliburton, on the second Tuesday of each month. This has led to greater inclusivity with “live” participation with our members across Australia and those that have had to repatriate outside of Australia due to the ongoing situation.

The new format has been received enthusiastically by our membership, and offers the opportunity for some to further polish their webinar presenting skills. Webcasts of the presentations are also available soon after for members to review as they wish. Please visit www.fesaus.org for meeting information.

Our committee meetings are now held via Zoom as we all work in our various home offices. Members have taken on new roles with Dr Jean-Baptiste Peyaud and Nigel Deeks accepting Director positions and Dr Jean-Baptiste Peyaud also volunteering for the Treasurer role.

2020 Committee members:

President	Wesley Emery
Vice President	Vacant
Secretary	Vacant Company
Treasurer / Monthly Meeting Coordinator	Jean-Baptiste Peyaud
Website Coordinator/ Data Standards Focal Point	Diego Vasquez
Secretary/Intersociety Liaison/Social Coordinator/Special Events and Awards	Leanne Brennan
Membership Coordinator	Siobhan Lemmey
New Technology Forum Coordinator	Vacant
New Technology Forum Coordinator	Vacant
Education Group Leader	Vacant
Audio Visual Coordinator	Nigel Deeks
Sponsorship Coordinator	Vacant
Audio Visual Coordinator	Yang Xingwang
Newsletter Coordinator	Bronwyn Djefel
Queensland Representative	Marcel Croon
South Australian Representative	Matthew Pfahl
Victoria Representative	Matthew Durrant
NSW Representative	Harris Khan

Recent Events

10 March 2020 – FESAus hosted its last in-person technical meeting luncheon. Appropriately, the presentation was given by Martin Storey (Well Data QA) on “Lessons From a Petrophysicist’s Experiences in Machine Learning.” Following his timely presentation and the very interesting discussion afterwards, Martin was acknowledged in front of an appreciative audience for his valued efforts over the years as an integral member of the FESAus committee.



FESAus 10 March 2020 Meeting. Nigel Deeks (left) congratulating Martin Storey on a great presentation and invaluable contributions to FESAus over many years.

30 March 2020 – Our first webinar session featured SPWLA Distinguished Speaker Nigel Clegg (Halliburton) from his home office in Norwich, United Kingdom, speaking on “The Final Piece of the Puzzle: 3-D Inversion of Ultra-Deep Azimuthal Resistivity LWD Data.” A very interesting presentation by Nigel was followed by open discussion between Nigel and some of our 35 virtual attendees. “Well done, this webinar was excellent and ran smoothly. Thank you! (Marcel Croon).



Nigel Clegg

14 April 2020 – Our second technical webinar featured local petrophysicist Mark Deakin (Consultant) from his home office in Perth, Western Australia. The topic of his presentation was “How to do Quick-Look Shaly Sand Log Analysis With Confidence.” Questions followed Marks’ presentation with compliments to the presenter: “Thanks for the comprehensive and well-organized presentation (Bill Powers).”

Upcoming Events

May 2020 – To be determined.
June 2020 – Farlin Mohideen (Reservoir Rock Technologies) will present on “Enhancing Reservoir Characterization Using Artificial Intelligence.”

**BAKERSFIELD CHAPTER
(San Joaquin Well Logging Society, SJWLS)**

General News

The SJWLS continue to hold its monthly meetings in a webinar format since nonessential public gatherings are canceled as a result of COVID-19 outbreak.

Recent Events

18 March 2020 – The March meeting was held as a webinar given by SPWLA Distinguished Speaker Chelsea Newgord (ExxonMobil). The topic of the talk was “A New Workflow for Joint Interpretation of Electrical Resistivity and NMR Measurements to Simultaneously Estimate Wettability and Water Saturation.”
15 April 2020 – The April meeting was held as a webinar given by SPWLA Distinguished Speaker Bo Gong and on “Estimating Net Sand From Borehole Images in Laminated Deepwater Reservoirs With A Neural Network.”

Upcoming Events

Our meetings will continue to be held as webinar format as a result of COVID-19 outbreak.

BANGKOK (THAILAND) CHAPTER

General News

With the current health crisis SPWLA meetings have been canceled until the situation is safe for social gatherings. In the meantime, the SPWLA Committee in Bangkok is extending our sincere wishes that everyone and their families are all staying healthy.

2019 Chapter Committee Members:	
President	Andrew Cox
Technical Coord	Numan Phettongkam
Treasurer	Sirinya Maykho
Web Coordinator	Alexander Beviss
Secretary	Ronald Ford
Sponsorship	Ryan Lafferty
Student Liaison	Kruawun Jankaew
Member at Large	Greg Heath

Please visit https://www.spwla.org/SPWLA/Chapters_SIGs/Chapters/Asia/Bangkok/Bangkok.aspx for meeting information. Email: bangkok.chapter@spwla.org

Recent Events

The March meeting was canceled.

Upcoming Events

August 2020 - The SPWLA Regional Conference AP-2020 is tentatively rescheduled for August. Please contact us at ap2020@spwla.org for the latest updates or any questions on the SPWLA Bangkok Asia Pacific Regional Conference 2020.

BOSTON CHAPTER

General News

The COVID-19 pandemic has disrupted the lives of the members of the Boston Chapter, both personally and professionally, as it has for people around the world. The membership is working from home and staying safe with family.

The chapter regrets that we had to postpone the presentation by Bo Gong of Chevron that was scheduled for March 13. We look forward to hosting Bo and reconvening together when the situation allows.

Nevertheless, plans for the 2021 symposium in Boston continue unabated. The organizing committees remain in communication with one another and we are on course for May 2021.

SPWLA general members and Boston-affiliate members are invited to browse our chapter website <http://boston.spwla.org> for up-to-date information on our mission and events, including event details and registration.

Recent Events

24 February 2020 – The Chapter hosted Nishank Saxena (Shell) for his SPWLA Distinguished Speaker lecture titled “Digital Rock Technology for Accelerated RCA and SCAL: Application Envelope and Required Corrections.” The talk

was engaging, well attended, and provoked many questions.



Boston Chapter February 2020 meeting. Left to right: Paul Craddock (President), Nishank Saxena (Shell) (speaker), Jeffrey Miles (Secretary), Lin Liang (Chapter VP for Outreach and Technology).

CHINA UNIVERSITY OF PETROLEUM (BEIJING) STUDENT CHAPTER

Recent Events:

19 December 2019 – With the support of the logging department of the college of Geophysics of China University of Petroleum (Beijing) and SPWLA International, the SPWLA Student Branch of China University of Petroleum (Beijing) successfully hosted the 61st SPWLA student Paper Competition Preliminary in the conference room in Cuigong hotel. More than 40 teachers and students and experts from the School of Geophysics, the School of Earth Sciences, and the Western Drilling International Logging Company attended the meeting. The competition was dominated by student academic reports. Three PhD students and seven masters students participated. Since Dr. Jia Jiang was studying abroad and could not be present, he used remote reporting. Professor Ke Shizhen, Associate Professor Zhang Yuanzhong, who

are from the logging department of the School of Geophysics, and Mr. Yangyang Yun, a technical expert from Western Drilling International Logging Company, acted as judges for the student paper competition. Ten masters and postgraduate students from the two colleges showed wonderful academic presentations in both Chinese and English. The content covered petrophysics, electrical logging, geological modeling, sonic logging, and petroleum geology. Six outstanding papers, three doctoral students (Jia Jiang, Zhang Liangchen, Chen Shichang) and three masters students (Wang Hao, Xiong Yujie, Zhang Yumeng), were selected in this competition.



CUPB December 2019 student paper preliminary competition. Zhao Jian hosting the opening ceremony.



CUPB December 2019 student paper preliminary competition. Professor Ke presenting a prize to Zhang Yumeng.



CUPB December 2019 student paper preliminary competition. Group photo.

03 January 2020 – The final of the SPWLA Student Paper Competition was held in the Geological Building. The session was sponsored by the Department of Logging of college of Geophysics of Beijing Key Laboratory of Earth Exploration and Information Technology, CNPC China University of Petroleum (Beijing) Key Laboratory of Well Logging, and China University of Petroleum (Beijing). The finals were in full English. The content of the presentations mainly included 3D geological modeling, rock physics, electromagnetic logging while drilling, electromagnetic logging experimental research and other fields. After the presentations, the judges gave pertinent suggestions to the content of each student’s presentation, so that the students could have the opportunity to better display the style of Chinese students of well logging on the international stage.



CUPB January 2020 student paper final competition. Judge Liao Guangzhi, giving the prize for outstanding speaker to Xiong Yujei.

Upcoming Events

Due to COVID-19 upcoming events have not been arranged yet. Once the impact of the virus can be eliminated, we will develop the next work plan.

CHINA UNIVERSITY OF PETROLEUM (EAST CHINA) STUDENT CHAPTER

General News

Under the current situation, the East China Chapter of SPWLA holds network meeting for strengthening the contact between logging technicians and academic exchange.

Recent Events

07 April 2020 – Professor Xiaoming Tang gave an web-based presentation entitled “Borehole Acoustic Imaging in Carbonates: Starting from Brazil.” More than 500 well-log analysts and geologists from ECC-SPWLA, operating and service companies attended this meeting, and some logging experts had a warm discussion with Dr. Tang about acoustic remote detection technology. Dipole shear imaging technology has expanded the detection field of logging by an order of magnitude, which cannot be achieved by either traditional logging technology or seismic exploration methods, and has promoted the development of acoustic logging industry.



CUPB (EEC) April 2020 web-based meeting. Dr. Xiaoming Tang was the speaker.

**DENVER CHAPTER
(Denver Well Logging Society, DWLS)**

General News

At present, lunch meetings have been canceled due to COVID-19 until further notice. We will be rescheduling our speakers for later in the year. Also the DWLS Spring Workshop on “Horizontal Petrophysics: Applications and Interpretation Techniques in Reservoir Characterization,” has been canceled and rescheduled for 2021.

The DWLS-RMAG Fall Symposium is still scheduled for 27 October, 2020, at the American Mountaineering Center in Golden. The “Call for Papers” is out for our joint symposium

topic: “Maximizing Value of Core and Fluid Analysis”. The abstract deadline is 01 May 2020. We welcome abstracts in the following categories:

- Core facies modeling beyond cored well: capabilities and limitations
- Recent improvements in core analysis techniques.
- Petrophysical calibration using advanced core analysis.
- Fluid analysis: advances and applications to reservoir characterization.
- Beyond basic core analysis: Geomechanics, wettability, etc.
- New analysis of old cores/cuttings: capabilities and limitations.
- Case studies, applications in modeling, improvements in reservoir characterization.

More information can be found at the RMAG website <https://www.rmag.org/continuinged2/rmag-dwls-fall-symposium/>

Recent Events

Although we do not have a luncheon this month, DWLS has made many donations to the SPWLA Educational Foundation for the purpose of scholarships and grants. Two students at CSM were the beneficiaries of grants from these funds, and they wanted to share with the DWLS members what they are working on using these funds. Visit the DWLS website at <http://dwls.spwla.org> to read the letter and see the PowerPoint presentation from the students.

Upcoming Events

22 September 2020 – SPWLA Distinguished Speaker Chelsea Newgord (ExxonMobil) will be presenting: “A New Workflow for Joint Interpretation of Electrical Resistivity and NMR Measurements to Simultaneously Estimate Wettability and Water Saturation”.

27 October 2020 – DWLS-RMAG Fall Symposium
The DWLS-RMAG Fall Symposium is scheduled for October 27th, 2020. The symposium topic is “Maximizing Value of Core and Fluid Analysis.” The abstract deadline is 1 May 2020.

More information can be found at the RMAG website <https://www.rmag.org/continuinged2/rmag-dwls-fall-symposium/>.

Visit the DWLS website at <http://dwls.spwla.org> to make your reservations. The DWLS monthly meetings are held the third Tuesday of the month, from September through May. Be sure to visit our web-based calendar to see what is scheduled for the upcoming speaker line up.

HIGH-ANGLE AND HORIZONTAL WELLS SPECIAL INTEREST GROUP (HAHZ SIG)

General News

Our mission is to create a collaborative forum where geologists, geophysicists, petrophysicists as well as geomechanical, reservoir, and completion engineers can propose and deliberate solutions to mitigate the challenges in accomplishing the common goal of more accurate formation evaluation in high-angle and horizontal wells. The SIG encourages the integration of all data including core, drilling, logging, surface data, and any other available data to aid in attaining this goal. The long-term benefits of our SIG to the industry will be improved formation evaluation, drilling and well placement techniques, more complete reservoir understanding and more effective completion designs in high-angle and horizontal wells.

We have a new SIG board committee for 2020–2021:

President	Susana Gutierrez Carrilero
Secretary	Hatathairat Watcharophat
Treasurer	Haijing Wang
VP Technology	Bhaskar Blkash Sarmah
SIG Coordinator	Jiaxin Wang
SIG Advisor	Ed Stockhausen
SIG Past President	Shim Yen Han
Technical Committee	Ronald Brown
Technical Committee	Hanming Wang
Technical Committee	Ting Li
Technical Committee	Michael Rabinovich
Technical Committee	Carlos Torres-Verdin
Technical Committee	Jiefu Chen
Technical Committee	James L. Hawkins
Technical Committee	Michael Sullivan
Technical Committee	Adam Haecker

We are trying to expand the SIG committee. Please contact us if you would like to take an active role!

Upcoming Events

We are putting together a new plan for the HAHZ SIG annual event. Spoiler Alert: This year’s HAHZ SIG workshop will be going virtual!

JAPAN CHAPTER (Japan Formation Evaluation Society, JFES)

General News

Visit our redesigned JFES webpage: <http://jfes-spwla.org/index.htm>

Board members for 2019–2021:

President	Masanori Kurihara
First Vice President	Tetsuya Yamamoto
VP Technology	Aiko Takada
VP Membership	Yuki Maehara
Secretary	Yoshinori Sanada
Treasurer	Kunihiro Tsuchida

Directors

Chisato Konishi, Hideo Komatsu, Hiromi Suda, Ryo Sakamoto, Satoshi Hada, Shinichi Sakurai, Shinnosuke Uchida, Tadahiro Nagano, Takahiro Hasegawa, Takeo Aoyama, Takuya Ishibashi, Tatsuya Sato, Tetsuya Tamagawa, Tetsuzo Fukunari

Upcoming Events

24–25 September 2020 – The 26th JFES Symposium will be held at Japan Oil, Gas and Metals National Corporation – Technology & Research Center (JOGMEC-TRC). The special session for this year is “Integrated Evaluation.” All persons involved in oil, gas, geothermal, geoengineering industry and scientific drillings are invited to submit abstracts of papers for presenting at the symposium, the deadline for abstracts is 18 May 2020. Please visit the symposium webpage for more detail <http://jfes-spwla.org/symposium/26thSymp/jfes2020.html>.

**LONDON CHAPTER
(London Petrophysical Society, LPS)**

General News

The LPS hopes that all of our members are keeping safe and well. Due to the coronavirus, we have made the decision to cancel our April evening lecture. We are working on plans to hold our future events remotely, so please look out for emails regarding ‘virtual’ evening meetings! We are also reviewing our plans for a June seminar—it looks like this may have to be postponed for the moment.

Recent Events

05 March 2020 – Just as the travel bans were starting, the LPS hosted an event co-organized with the PESGB YP on “Petrophysics 101: An introduction to Production Geology and Cased Hole Logging,” at the Geological Society, London. Despite some of our speakers being unable to travel, we managed to arrange talks via Skype and had an excellent day-long seminar with 12 fabulous talks on a variety of topics on all things production and cased hole. Thank you very much to everyone that managed to take part, both physically in person and remotely!

Upcoming Events

19 May 2020 – Evening online lecture with two presentations: first by Stacey Althaus (Saudi Aramco); second by Andrea Gasparotto (University of Southampton).
21 July 2020 – Evening lecture by Harry Xie (Core Labs), Council Room, Geological Society, Piccadilly.

See our website www.lps.org.uk for details of all our events.

**NORWAY CHAPTER
(Norwegian Formation Evaluation Society, NFES)**

January 2020 – Just after the season break Dler Mirza, NFES VP Membership kicked off the new technical year at the Solastranden Gård. For the first talk of the new term Dler and many members of the local Norwegian SPWLA chapter welcomed Remke Ellis (TGT Oilfield Services) as presenter. The crowd enjoyed a very well delivered and informative session with Remke, who explained an emerging approach on passive acoustic technology to acquire flow profiles of reservoirs through two pipes (tubing and casing) and the capability for evaluating cement behind casing and packers behind tubing. The session could be summarized in one word: innovation!



NFES January 2020 meeting. Dler Mirza (left) NFES VP Membership, presents Remke Ellis (TGT Oilfield Services) the NFES ice bear in gratitude for his well-attended and delivered presentation.

05 February 2020 – NFES had the honor to welcome SPWLA Regional Director for Europe Craig Lindsay (Core Specialist Services Limited in Stavanger). His technical presentation on “Big Data From Core – Multi-Sensor Core Logging Case Study,” attracted many participants joining the NFES monthly meeting. Craig illustrated how data can be derived from multisensor core logging (MSCL), been combined with the well data (core and log) and analyzed using machine learning to develop a prototype “Petrophysical Core Log.” A very interesting talk followed by a fruitful expert discussion. A big thank you to Craig for his visit and this contribution.

OKLAHOMA CITY CHAPTER

General News

The Oklahoma City chapter is now holding our monthly luncheons at VAST in Devon Tower.

Recent Events

March 2020 – Chelsea Newgord (ExxonMobil) gave her SPWLA Distinguished Speaker presentation titled, “A New Workflow for Joint Interpretation of Electrical Resistivity and NMR Measurements to Simultaneously Estimate Wettability and Water Saturation.”

**PETROPHYSICAL DATA-DRIVEN ANALYTICS SPECIAL
INTEREST GROUP
(PDDA SIG)**

General News

The PDDA SIG has officially kicked off the competition to synthesize compressional and shear sonic logs. The contest committee members are: Yanxiang Yu, Michael Ashby, Brendon Hall, Chicheng Xu, Siddharth Misra, Weichang Li, Yan Xu, and Oghenekaro Osogba.

We are excited to have 42 teams registered from multiple countries. The final submission of code deadline will be on 7 May. Code evaluation will follow. Members can follow the competition via the website: <https://github.com/pddasig/Machine-Learning-Competition-2020>

For SPWLA members interested in starting to dive into machine learning, please refer to:

Yu, Y., Misra, S., Oghenekaro, O., and Xu, C., 2020, Pseudosonic Log Generation With Machine Learning: A Tutorial for the 2020 SPWLA PDDA SIG ML Contest, *SPWLA Today Newsletter*, 3(2), March.

UNIVERSITY OF HOUSTON STUDENT CHAPTER

General News

Midterm Help Sessions – Both well logging and petrophysics Midterm Help Sessions had been scheduled to occur directly after Spring Break, but were canceled due to the extended time away. We’ve regrouped with Zoom and will conduct them at the end of the month for their finals.

Recent Events

30 January 2020 – UH petroleum organizations held a “Meet and Greet” for our engineering college students to provide chapter information and the benefits they’d experience by volunteering and/or becoming an officer. The four presidents each gave a slide-show presentation outlining both the past year and the months to come.



NFES February 2020 meeting. Craig Lindsay (right), SPWLA Regional Director and CEO of Core Specialist Services Limited receives a keepsake from Dler Mirza (left), NFES VP Membership, for his great talk.

04 March 2020 – Amitabha Chatterjee (AkerBP) attracted a huge crowd in the Solastranden Gård for his case study from Ivar Aasen, a complex oilfield in the Norwegian North Sea. Mineralogy has been a key focus area in the field, and probed into, both via log as well as core measurements. Blind tests have been performed on both, and the resulting elemental and mineralogical answers have been compared. His presentation was a great summary of previous papers by AkerBP presented at the SPWLA Annual Symposiums.



NFES March 2020 meeting. Dler Mirza (left), NFES VP Membership, presents Amitabha Chatterjee (AkerBP) the NFES ice bear for his great presentation.



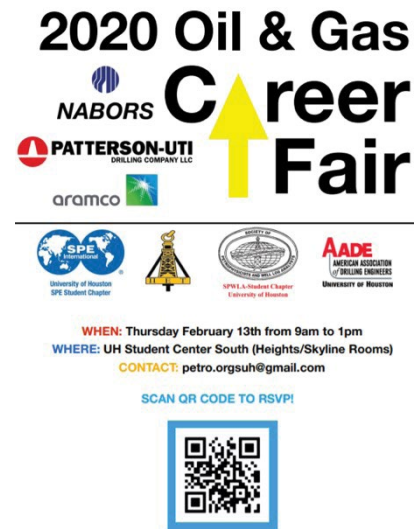
31 January–01 February 2020 – UH SPWLA hosted a two-day certification session conducted by Mr. David Pacinda (PhDWin President and cofounder) and his assistant, which was attended by over 40 students/faculty members. This important introduction to a mainstream industry application gave our students an essential resume bullet at a time when every additional resource is crucial.



07 February 2020 – The UH petroleum organizations teamed up for a joint Food Bank volunteering session. Another such event was being planned for April 2020, but was canceled in lieu of maintaining our students’ safety with regards to the current situation.



13 February 2020 – The four petroleum organizations launched our inaugural Oil and Gas Career Fair. This event was attended by over 100 engineering/STEM students networking with local energy companies. This important addition to the other university career fairs allowed for a more focused attention to our petroleum engineering students.



03–04 April 2020 – The chapter remotely conducted its Spring 2020 Student Paper Contest linking judges/participants with the Zoom communication software. Three undergrads and three masters students competed in the Friday session and four PhD students competed in the Saturday session. The event was originally planned for 28 March 2020, but was rescheduled in a remote format in order to accommodate UH’s new social distancing policy.

Vice President	Judah Odiachi	jodiachi@ou.edu
Secretary	Francisco Sebastian	fsebastian@ou.edu
Treasurer	Tobenna Anyaezu	tobennaanyaezu@ou.edu




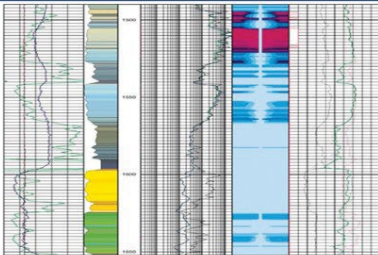
OU SPWLA 2020–2021 officers. From left to right, Felipe Cruz (President), Judah Odiachi (Vice President), Francisco Sebastian (Secretary), Tobenna Anyaezu (Treasurer).

As of 15 April, our Student Chapter has an official number of 142 affiliated members, mostly graduate students. The new office has plans to increase that number by 200 by the next year. Our strategies to gather new students are primarily focused on promoting events with other technical societies at OU, including SPE, AAPG, and SEG. By doing so, we believe we can also increase the attendance in our technical talks, bringing interest to students of different areas in O&G towards petrophysics and well logging.

Recent Events

- Since the fall semester, the OU SPWLA Student Chapter has promoted several technical talks, which are generally well attended.
- 10 October 2019 – (Joe Comisky (Devon) spoke on “Some Practical Aspects of Core and Log Integration in Organic Mudstones.”
- 04 November 2019 – Dr. Ali Tinni gave a presentation on “Electrical Properties of Shales.
- 11 March 2020 – Chelsea Newgord (ExxonMobil) gave her SPWLA Distinguished Speaker presentation A New Workflow for Joint Interpretation of Electrical Permittivity and NMR Measurements to Simultaneously Estimate Wettability and Water Saturation.”


SPWLA UH Student Paper Contest


SPWLA – Student Chapter
University of Houston

CALL FOR ABSTRACTS


In the categories undergraduate, M.Sc., and Ph.D.




Submission due MARCH 13, 2020 to
spwla.uh.student.chapter@gmail.com



Presentations Saturday March 28 2020, 09:00 – 14:00



Technology Bridge, ERP 9



Regional finalist will go on to present at the
Banff Springs Canada SPWLA Symposium (June
20-24, 2020

More info at www.facebook.com/SPWLA.UH.Student

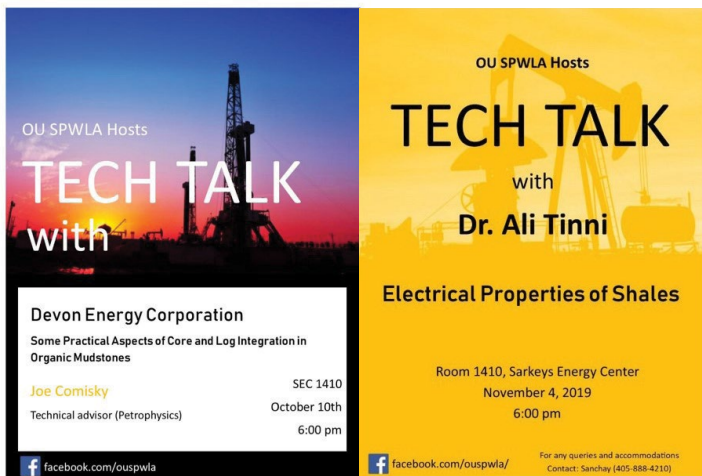
UNIVERSITY OF OKLAHOMA SPWLA STUDENT CHAPTER

General News

The OU SPWLA Student Chapter had its 2020 officer elections on last March. The new officers are all graduate students within the Mewbourne School of Petroleum and Geological Engineering.

2020–2021 Chapter officers:

President	Felipe Cruz	felipecruz@ou.edu
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OU SPWLA Hosts
TECH TALK
with
Dr. Ali Tinni
Electrical Properties of Shales

Devon Energy Corporation
Some Practical Aspects of Core and Log Integration in Organic Mudstones

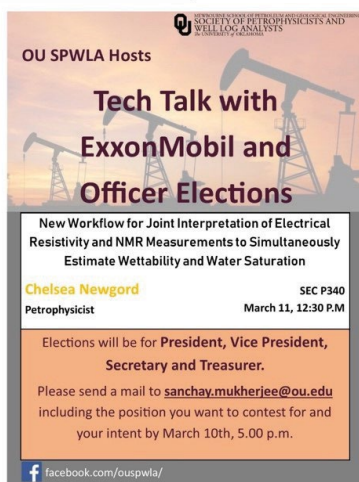
Joe Comisky
Technical advisor (Petrophysics)

SEC 1410
October 10th
6:00 pm

Room 1410, Sarkeys Energy Center
November 4, 2019
6:00 pm

facebook.com/ouspwla/

For any queries and accommodations Contact: Sanchay (405-888-4210)



OU SPWLA Hosts
Tech Talk with ExxonMobil and Officer Elections

New Workflow for Joint Interpretation of Electrical Resistivity and NMR Measurements to Simultaneously Estimate Wettability and Water Saturation

Chelsea Newgord
Petrophysicist

SEC P340
March 11, 12:30 P.M

Elections will be for President, Vice President, Secretary and Treasurer.

Please send a mail to sanchay.mukherjee@ou.edu including the position you want to contest for and your intent by March 10th, 5.00 p.m.

facebook.com/ouspwla/

The new office is making plans to optimize future technical talks, in which we will be acquiring better images of the guest speakers, audience and officers. We are also discussing the availability of streaming the technical talks online at our Facebook webpage.

Upcoming Events

Due to complexities generated by the ongoing COVID-19 situation, all the OU SPWLA upcoming events for this semester had to be canceled. However, our student chapter is coordinating with the SPWLA OKC Section to arrange guest speakers for future technical talks that will take place next semester.

THE UNIVERSITY OF TEXAS AT AUSTIN STUDENT CHAPTER

General News

The Student Chapter of SPWLA at UT Austin hopes everyone in our community stays safe and healthy during these challenging times. Due to the recent travel restrictions, some of our events were canceled or postponed. However,

our chapter officers have been working hard to move our activities online. We would like to give special thanks to SPWLA and Katerina Yared for helping us with the online webinar platform.

Recent Events

22 February 2020 – The chapter participated in “UT Girl Day” with the Petroleum Graduate Student Association (PGSA) and the ARMA student chapter. During this event, we introduced hydraulic fracturing to elementary and middle school students through a hands-on activity titled “Fracking with Jell-O.” This event was very well attended by students from kindergarten to 12th grade.



UTA Student Chapter “2020 UT Girl Day.” The chapter led a hands-on activity, titled “Fracking with Jell-O,” for approximately 400 kindergarten through 12th-grade students at the at The University of Texas at Austin.

28 February 2020 – The chapter hosted a technical seminar presented by SPWLA Distinguished Speaker Melanie Durand (Shell) titled “Crushed Rock Analysis Workflow Based on Advanced Fluid Characterization for Improved Interpretation of Core Data.” The talk was very well attended, and we would like to thank Melanie Durand for visiting our student chapter and thank Shell for sponsoring this event.



UTA Student Chapter February 2020 meeting. Pictured from left to right: Wen Pan (Webmaster), Mohamed Bennis (Vice President), Tianqi

Deng (President), Daria Olszowska (Special Event Coordinator), Melanie Durand (Speaker), Camilo Gelvez (Social Media), Pierre Aereus (Vice-Treasurer), and Sebastian Ramirez (Treasurer).

03 April 2020 – The Student Chapter of SPWLA at UT Austin held its first online local student paper competition. The competition this year was very well participated and attended. We appreciate the suggestions and comments from our judges Professor Carlos Torres-Verdín, Dr. David Medellín, and Dr. Aymeric-Pierre B Peyret. Congratulations to the winners of our local student paper competition and we wish them good luck with the SPWLA International Student Paper Competition!

Mark Hutchinson 1955–2020



Mark Hutchinson passed away on March 3, in Houston, Texas. Mark was born in Aldershot, United Kingdom, the son of a Pan American Airlines pilot stationed in London where Mark spent his early childhood. Mark attended Winchester College, then Cambridge University where he got his Master of Arts in general engineering. He started with Schlumberger as a field engineer in the United States in the late 1970s. He then joined Conoco, where he launched the implementation of an industry-wide test facility for comparison of the wireline and MWD tools of 13 logging companies. The project also involved 29 oil companies, eight universities and three research organizations. In recognition of his pivotal role, Mark received the first ever meritorious technical achievement award (only five have been given) by SPWLA in 1991. He then joined Teleco Oilfield Services, soon to be part of Baker Hughes, before rejoining Schlumberger. Since 1999, he led his own consulting company, Leader Drilling International, and, in parallel, contributed to APS Technology for a number of years.

From his early involvement with measurement while drilling (MWD) in the Conoco Catoosa project, Mark understood the importance of accurate and validated drilling-related measurements. With this correct information, robust drilling automation could become reality. He had also a clear vision of the value of modeling to optimize and plan real-time data acquisition. This would also lead to the improvement of the currently used drilling sensors. As he wrote numerous technical articles and filed many patents to document his thought process, there will, hopefully, be some younger persons to build upon his legacy.

Mark strengths were not limited to his creativity and to his knowledge of mathematics and physics. At Cambridge, his hobbies were flying, sailing and indeed, rowing. He had also talents in acting and in choir singing. His curiosity was all azimuths ranging from classical and jazz music, studying other cultures and traveling. There was no better advisor than him to select a movie, recent or old, a concert, an opera or a theater show, without forgetting a recommendation about a good book. After a visit of the site where we were planning to watch, together, the June 10, 2021 solar eclipse, we went to a restaurant in Boerne, West Texas, of all places, and were attended by a waiter who started a discussion about *Le Père Goriot*, a famous novel by Balzac. Mark was perfectly in tune.

Mark is survived by his significant other, Dr. Bitra Esmaeli, who resides in Houston, and his three brothers who live in North Carolina.

As a partner, as friends and as coworkers, we will all miss him.

Bitra Esmaeli, Philippe Theys

Charles “Richard” Glanville 1925–2020



Charles R. “Richard” Glanville, one of the founders and a lifetime member of SPWLA, died unexpectedly at home in New Braunfels, Texas, on Monday, February 24, 2020. He was born on June 2, 1925 in Dallas, Texas to Paul T. and Maria (Garza) Glanville.

He received a Bachelor of Science degree in Electrical Engineering from Southern Methodist University in 1945, while serving in the U.S. Navy V-12 program during World War II. In 1948, he earned a Master of Science degree in Electrical Engineering from the University of Texas. He taught at Southern Methodist University and then worked for Arco and Sun Oil in Dallas before joining Jersey Production Research Company in Tulsa, Oklahoma, in 1960.

In 1964, Esso moved Richard to Houston, Texas, when they merged Jersey Production Research Company with the research part of Humble Oil and Refining Company, and worked as a log analyst in the new company, Esso Production Research Company. This company was renamed Exxon Production Research Company in 1972.

He became a well-log specialist and worked on many important projects, including Prudhoe Bay in Alaska. He specialized in shaly sand interpretation techniques and developed his own variation to the well-known Waxman-Smits approach, which he presented at the 1984 SPWLA Symposium in New Orleans. This approach was used to calculate water saturation from resistivity logs in fields in Indonesia, the North Sea, China, and many other places. He traveled worldwide consulting on oil and gas projects for Esso and later Exxon affiliates and joint venture partners.

He was the senior instructor in Exxon Production Research Company’s three-week Basic Well Logging School where he taught log analysis to over a 1,000 wellsite geologists and petrophysicists. He also taught the two-week version of this school overseas in Saudi Arabia, Norway, Columbia, China, and other countries. He was also a mentor to many young petrophysicists who joined Exxon in the 1970s and 1980s. He always had time to answer

questions and look at new problems.

Richard officially served as the Executive Secretary of the SPWLA from 1961 until 1977 and managed the SPWLA business office from his home during that time. He then served as the publications manager from 1977 until 1982. He was instrumental in the hiring of Executive Director, Vicki King, and for the lease of the first commercial office to house the SPWLA business office. He received an Honorary Membership award in 1977. In 2009 Richard was one of six 50-year SPWLA members who attended the 50th anniversary symposium where he was presented an award for 50 years of faithful service to the SPWLA. The first sign that Richard was at that symposium occurred at the Icebreaker where he and his wife, Carol, headed straight to the dance floor for a very vigorous round of dancing.

Richard and his wife Carol retired in May 1991 in New Braunfels, Texas, where they played tennis and made many close friends through the sport. They also enjoyed dancing and traveling including going on many great cruises. He loved his home and the beautiful surroundings and enjoyed sitting on his deck and watching the birds, deer and visiting cats. Those of us who worked with Richard have many fond memories of him and will miss his positive attitude and omnipresent smile. The secret to Richard’s longevity was his belief that you are only as old as you feel.

Dale Fitz



Carol and Richard Glanville at the 50th SPWLA Symposium Icebreaker.



Richard Glanville and Vicki King at the 50th SPWLA Symposium Registration.

Tsoan Ma 1947–2020



It is with great sorrow that we announce that Tsoan Ma passed away on March 20, 2020, at age 73. Tsoan was a senior petrophysics and geologist in Chevron's Gulf of Mexico Business Unit in Houston, Texas, before he retired 2015. Those that knew Tsoan will remember him as a person with much energy, enthusiasm and joy of living. He will be missed by his family, colleagues, friends and community.

Tsoan was born in Xinjiang, China, in 1947 and grew up in Taiwan. After receiving his bachelor's degree in geology from National Taiwan University, Tsoan came to the United States in 1970 and earned his MS in Geology in 1974 and MBA in 1976 from the University of Illinois Urbana-Champaign.

Tsoan joined Baroid Service Company in 1977 after graduating from UIUC. He started his petrophysics career with Dresser Atlas in 1978 as a log analyst. In the following 21 years, he had held many management positions with increasing responsibilities at various locations. His expatriate experience started with an assignment in London in 1980, and then managed Aberdeen and Abu Dhabi Log Analysis Centers from 1983 to 1985. He eventually moved back to Houston Atlas Geoscience Center in 1987 to coordinate the interpretation development projects.

In 1999, Tsoan joined Unocal after 21 years of services at Dresser Atlas, and later became a part of Chevron through Chevron-Unocal acquisition in 2005. He had worked on many high-profile overseas projects including Unocal in Balikpapan, Indonesia, Chevron in Bangkok, Thailand, and then in Tanggu, China, before he got transferred back to Houston to focus on projects in the Gulf of Mexico. Tsoan retired from Chevron in 2015.

Combining petrophysics and geology background, Tsoan spent 38 years in the petrophysics area. He had been involved in geoscience interpretation development including fracture analysis, stratigraphic and depositional environment analysis, production logging analysis and various dedicated geoscience

technology development. His technical work had ensured the success of countless projects everywhere he worked. His services in petrophysics and the Houston Chinese Petro engineering community benefited many people in the area. He was an active member of CAPA and SPWLA, served multiple leading roles including the Houston Chapter Vice President – Downtown in 2011–2012.

Tsoan was a very humorous gentleman and made many good friends in each location where he served. His coworkers noted that he always had a solution for difficult problems.

Both Tsoan and his wife enjoyed traveling and expatriate life thoroughly. He was passionate about traveling, mountain climbing, and golf. He and his wife moved to San Jose, California, in 2019.

Tsoan is survived by his wife LiiWan Ma and children in San Jose, California. Our thoughts and deepest sympathies go out to his wife and family.

Friends and Colleagues in Houston, Texas

Welcome New Members—February 13, 2020–April 15, 2020

Araujo, Armando, TOTAL, Neuilly Sur Seine, France,
Bhattacharya, Shuvajit, University of Alaska Anchorage,
Anchorage, AK, United States
Filipitsova, Olga, DWER, Padbury, WA, Australia
Flores, Cecilia, Ryder Scott, Houston, TX, United States
Garner, Kelsey, Armstrong Energy Corp, Roswell, NM,
United States
Hamzah, Hafiz, TOTAL, Chatou, Paris, France
Hansen, Alan, Santos, Brisbane City, QLD, Australia
Nagaty, Ahmed, Wintershaldea-Egypt Branch, Cairo, Egypt
Owen, Tiffni, Chevron, Houston, TX, United States
Profice, Sandra, TOTAL, PAU, France
Swager, Leland, Schlumberger, Denver, CO, United States
Yin, Xiaolong, Colorado School of Mines, Golden, CO, United
States
Agwuncha, Zoba, Baker Hughes, Lagos, Nigeria
Cheepuri, Ramakrishna, Oil and Natural Gas Corporation,
Rajahmundry, India
Contreras, Alberto, Halliburton, Quito, Pichincha, Ecuador
Garg, Lavish, Bathinda, India
Murphy, Daniel, Halliburton, La Plata, MD, United States
Dash, Sabyasachi, University of Texas at Austin, Austin, TX,
United States
Johnson, Jill, University of Texas of the Permian Basin,
Odessa, TX, United States
Kleinsasser, Tyler, South Dakota School of Mines and
Technology, Rapid City, SD, United States
Martinez, Orion, Idaho State University, Williston, ND,
United States
Sariyeva, Makpal, University of Houston, Houston, TX,
United States