

May 2017

SPWLA Houston Chapter Newsletter

SPWLA Houston Chapter Board 2016 - 2017

President 2016-2018 Irina Borovskaya president@spwla-houston.org	Secretary 2016-2017 Zhijuan Zhang secretary@spwla-houston.org
VP – Northside 2016-2017 Yike Hu, Halliburton northvp@spwla-houston.org	Treasurer 2016-2017 Jing Li, OXY treasurer@spwla-houston.org
VP – Westside 2016-2018 Chelsea Cassel, Weatherford westvp@spwla-houston.org	Acting Editor 2016-2017 Andrew Hind, Consultant editor@spwla-houston.org
VP – Downtown 2016-2018 Rohollah Abdollah downtownvp@spwla-houston.org	Webmaster Amir Rangwala, BHP Billiton webmaster@spwla-houston.org
Volunteer – Event Coordinator Jeff Crawford, Halliburton events@spwla-houston.org	Volunteer – Social Media Mehrnoosh Saneifar, BHP Billiton social@spwla-houston.org

Upcoming Events

Integrated Petrophysics For Reservoir Characterization training

Petrophysics Pty Ltd Houston, TX May 1, 2017 [\[link\]](#)

2017 SPWLA Houston Chapter Spring Topical Conference | Chevron

Auditorium Houston, TX May 10, 2017 [\[link\]](#)

SPWLA 58th Annual Symposium 2017 | Oklahoma City, OK, June 17-

21, 2017 [\[link\]](#)

Meet our Sponsors



HALLIBURTON

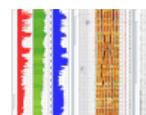


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President's Corner

Dear Houston Chapter Members,

In April, our Chapter hosted three talks.

For the Northside Luncheon on April 5th, Jorge Viamontes with NUTECH gave a talk about a Terryville Case Study. For the Downtown Luncheon on April 19th, German Merletti with BP talked about How Pore-Scale Attributes May Be Used To Derive Robust Drainage And Imbibition Water Saturation Models In Complex Tight-Gas Reservoirs. For the Westside luncheon on April 26th, Vikas Jain with Schlumberger talked about A Novel Workflow For NMR T2 Fluid Substitution Using Mode Decomposition Results From Factor Analysis.

These lectures complete our luncheons series for 2016-2017 season with the concluding event being our traditional Spring Topical Conference held at Chevron in Downtown on May 10th. This year's event topic is Cased Hole Petrophysics. The registration is now open and you can find agenda on our website. We hope to see you there.

The SPWLA International is going through a restructuring process. They are homogenizing the relationship with chapters through the signing of charter agreements. The Houston Chapter signed the agreement on April 17th, 2017. As part of that effort, the Houston Chapter will be introducing some changes on how we charge fees for our events in order to comply with SPWLA requirements. This will start next season in September 2017. As always, we are encouraging our members to keep their SPWLA International status active. As you do so, please select Houston Chapter as your location in your membership profile.

We are now in the election season and you've already received a call for nominations for Elections for Houston Chapter Board of Directors. I would like to encourage you to consider volunteering and submit your nomination for one of the open positions: Secretary, Treasurer and Vice President - Northside. Please keep in mind that we also have additional non-board volunteering opportunities and are always welcoming people who would like to help us with supporting the SPWLA Mission.

If you have any questions on what each of the position entails please do not hesitate to contact me or any of our Board Members.

*Kind regards,
Irina Borovskaya
President,
Houston Chapter of SPWLA*



Irina Borovskaya
Houston Chapter President
president@spwla-houston.org

Useful links

**Sign up for the
Houston Chapter
Mailing List
[\[Link\]](#)**

[Houston Chapter](#)

[SPWLA International](#)

[Join SPWLA – become a
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[Houston Chapter
LinkedIn page](#)

[SPWLA Symposium 2017](#)

[SPWLA Houston Spring
Topical Conference](#)

Call For Nominations Houston Chapter Board Elections

Houston Chapter of SPWLA is a volunteer organization and it is through the commitment of these volunteers that we are able to provide the lunch seminars, software shows, spring topical conference and other chapter events. We expect people with enthusiasm and dedication to make important contributions to the chapter into next year and beyond.

Volunteering is a great way to meet other chapter members and to network with the Houston petrophysical community and with other chapters around the world. We encourage you to send your brief biography, position statement and your photo to secretary@spwla-houston.org.

According to the chapter bylaws Board positions are now served in 2 year terms in a staggered manner:

Positions open for elections for the two-year term 2017-2019 are:

Vice President-Northside

Secretary

Treasurer

Following positions are being served two-year term 2016-2018:

President, currently served by Irina Borovskaya

VP Downtown, currently served by Rohollah A. Pour

VP Westside, currently served by Chelsea Cassel

Editor, currently served by Andrew Hind

Non-elective positions:

Webmaster, currently served by Amir Rangwala

The nomination submission deadline is **Friday, April 28th, 2017**. The election period will begin on **Monday, May 1st, 2017** and will run until **Sunday, May 8th, 2017**. The election results will be announced at the Houston Chapter Spring Topical Conference on **Wednesday, May 10th 2017**.

The new board will officially take over the running of the chapter after the SPWLA Annual Convention in June. If you have any questions about the election process, please feel free to contact any one of us directly using the details on the "Who We Are" section of the chapter [website](#).

2017 SPWLA Houston Chapter Spring Topical Conference CASED-HOLE PETROPHYSICS

Date and Location: May 10th 2017, Chevron Auditorium, 1500 Louisiana St, Houston TX, 77002

Most recent agenda and registration is available on our [website](#).

For sponsorship opportunities please contact the treasurer at treasurer@spwla-houston.org.

For any question about registration and event logistics, please contact our event coordinator Jeffrey Crawford at events@spwla-houston.org.

The conference is off-the-record. No photo/video/audio recording is allowed

	Title	Speaker	Affiliation
7:30 -8:30	Registration and breakfast		
8:30-8:45	Opening remarks		
8:45-9:15	Formation Evaluation Using Measurements made Through Casing	Jim Hemingway	Independent
9:15-9:45	A Retrospective on Pulsed Neutron Logging and Interpretation Models – Yesterday and Today	Gary Simpson	Independent
9:45–10:15	Petrophysical Evaluation in a Cased Well with Complex Completions: A Case Study Using the Next Generation High Temperature Pulsed Neutron Logging Tool	Samira Ahmad	SLB/Chevron
10:15-10:30	Coffee break		
10:30- 11:00	The One-Stop Pulsed Neutron Logging tool for Cased-Hole Formation Evaluation: Case Studies	Jorge Gonzalez	SLB
11:00-11:30	New Development of Multi-Detector Pulsed Neutron Instrument for Quantitative Gas Saturation Monitoring in Air- or Gas-filled Boreholes: Physics, Modelling and Application	Sabrina Zhang	BHI
11:30-12:00	Improving Cement and Casing Evaluation with New Post-Processing Techniques	Gary Frisch	HAL
12:00-13:00	Lunch		
13:00- 13:30	Getting the Full Picture behind a Cement Wall: Cement Evaluation, Petrophysics and Fluid Sampling in a Cased Well	Jason Gendur	SLB/Murphy
13:30-14:00	Multi-Rate Multi-Zone Production Logging and Testing to Monitor Waterflood Performance and Provide Real-Time Reservoir Insight for Stimulation Treatment Optimization in Deepwater GOM	Mehdi Azari	HAL
14:00-14:15	Coffee break		
14:15-14:45	Support-Vector-Machine Phase Classification of Downhole Leak Flows Based on Acoustic Signals	Yinghui Lu	HAL
14:45-15:15	Fast Modeling of Energized Casing for Electromagnetic Detection and Evaluation of Deep Formation	Jiefu Chen	UH
15:15	closing remarks		

Event Recap - Houston Chapter Topical Seminar

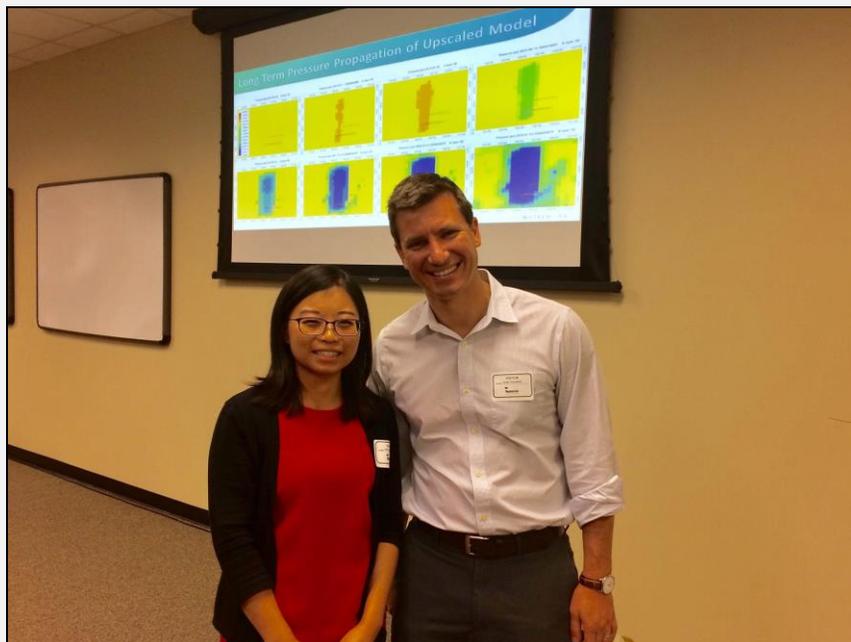
Northside Lunch Seminar Summary

April 5th 2017

On April 5th 2017, the SPWLA Houston Northside Lunch seminar took place in the Weatherford Lab on North Sam Houston Pkwy W. Dr. Jorge Viamontes from NUTECH presented their work on how to explain existing well production and make predictions based on model analysis. This talk provided explanation through an integrated characterization and dynamic history matching process of the observed well performance of three initial Dowling horizontal wells and predicting the performance of a new well.

During his talk, Dr. Viamontes presented the thin bed analysis for well development optimization. This model also elucidated and enabled the correct prediction of the unexpected decrease in well performance at the newly developed well. Additionally, their work provides a straightforward way to reconcile the observed well EURs with hydrocarbon volumetrics. This modeling approach indicates a similar production potential in others areas of East Texas, including and accounting for the fact that these are generally normally pressured and Terryville is over pressured.

Jorge Viamontes is a reservoir engineer with 12 years' experience working in assets throughout the world. His career has principally concentrated on the development and optimization of oil and gas reservoirs at every stage in the field life. Dr. Viamontes has a PhD degree in Experimental Physics at Brown University. He is currently responsible for NUTECH operational performance as COO. About 20 attendees from service companies and consultancies attended this event.



Dr. Viamontes (right) with Northside VP Yike Hu. Dr. Viamontes spoke in the Northside seminar series.

Notice of Delegation of Authority

Dear Houston Chapter members,

I am pleased to announce that during my upcoming 2 months leave of absence, Yike Hu has agreed and has been approved by the Houston Chapter Board of Directors to assume the responsibility as Acting President, effective May 1st, 2017.

Yike has been Vice President of the Houston Chapter since July 2016. She also served as secretary of the Houston Chapter in 2015–2016. In her current position, Yike has successfully organized chapter conference series and led the efforts on organization management and outreach. I am confident that with Yike and other board members our Chapter is in good hands. Please give her your full support as she takes on the challenges in her expanded role during my absence.

Irina Borovskaya

President,

Houston Chapter of SPWLA