



INTERNATIONAL EXPOSITION AND 87TH  
**ANNUAL MEETING**  
**HOUSTON, TEXAS**  
24-29 SEPTEMBER 2017

# ANNOUNCEMENT

Where Technology  
and Business Connect

WE  
**HOUSTON**



#SEG17  
SEG.ORG/AM

SUPPORTED BY THE GEOPHYSICAL SOCIETY OF HOUSTON

# 2 INTRODUCTION

The SEG International Exposition and 87th Annual Meeting in Houston will provide vast amounts of cutting-edge technical insight, high-level networking, and new business-development opportunities across multiple disciplines of the geosciences sector, including global oil, gas, mineral exploration, near surface, archeology, and more. Thousands of highly qualified geoscience professionals from more than 70 countries are expected to connect 24–29 September 2017 at Houston's George R. Brown Convention Center for this annual must-attend information exchange and networking event. Geoscientists look forward to this annual gathering, as it enhances their careers with the latest technical knowledge and industry innovation, while they meet face-to-face with a diverse group of companies and colleagues.

## LETTER FROM THE PRESIDENT

I welcome you to attend the SEG's International Exposition and 87th Annual Meeting in Houston! This year, as always, experts will be presenting the latest developments in applied geophysics. The meeting is the centerpiece of SEG's year and provides opportunities to interact with business connections, meet with colleagues, and develop new networks.

Many thanks for the hard work and excellent planning of the SEG Global Event staff, Annual Meeting Steering Committee chaired by Craig Beasley, the Technical Program Committee chaired by Mihai Popovici with Co-chair Sergey Fomel, and the Exhibition Chair Carmen Comis. The committees maintain and improve the quality and character of our Annual Meeting. This year, the program will be bigger and better than ever because we have expanded the exposition floor, and we have received a record number of submissions for presentations.



Before and after the meeting, there are opportunities for you to attend the preconvention continuing-education courses and postconvention workshops. These are signature events bringing top leaders in their field to provide guidance and facilitate new thinking. And

during the meeting, there will be numerous opportunities to engage in meetings on the exposition floor, technical lunches, and special social events.

It's Houston 2017! You need to be there.

Sincerely,

*William L. Abriel*

A handwritten signature in black ink that reads "William L. Abriel". The signature is fluid and cursive, with a long horizontal line extending from the end of the last name.

Bill Abriel  
SEG President 2016–2017



# LETTER FROM THE HOUSTON GENERAL CHAIR

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It is a distinct pleasure to welcome you to Houston, my (almost) hometown and host of the 2017 Society of Exploration Geophysicists Annual Meeting and Exhibition. Now that formalities are out of the way, let's get right to the point. At the time of this writing, the energy business climate

that supports our society and its activities has a mixed outlook at best. While oil prices have recovered somewhat from the lows of a year ago, today there is uncertainty concerning the future of the oil markets. Will OPEC deals hold and what would be the impact? Even if they do, can producers turn on the spigot at any bump in pricing? Will political events conspire to create growth and build demand or will there be instabilities that put a damper on the industry? Narrowing the scope to geophysics, will oil companies need to build their prospect portfolios thus adding to demand for seismic surveys and technology? What about other resource-based geophysical markets? Don't expect answers from me on these questions, and further, I would advise wariness when someone claims to know the answers.

Indeed, these are the same questions I have seen during the (too many) downturns that have occurred during my time in this business. I don't mean to make light of these issues – people's lives and livelihoods are affected and similarly, our 2017 SEG meeting is affected. People say it's different this time, and it is, but it is always different. The larger point is, world oil consumption continues to rise, and by all credible estimates (warning, my opinion!), petroleum demand will continue to rise and will require geophysical technology for decades to come.



Nobody knows when a breakthrough will come that spells the death of petroleum, but I won't make the mistake of a former SEG president who (in the 1950s) claimed to see the end of the oil industry coming due to the inexorable advance of atomic power. So much for predictions. I

am confident that our business will turn up again in the not-too-distant future, but nobody knows exactly when. One thing for sure, when it does, it will be a new business with new technologies, strengthened by this downturn. Which brings me to the point of this discussion as it relates to the 2017 Houston meeting.

Drawing on past experience, the SEG Annual Meeting is the best place to take steps to weather the downturn and emerge stronger. If you are an individual, it is the best place to upgrade your skills through continuing education, technical sessions and workshops, and network with companies and other geophysicists. If you are representing a company, it is the best place to spread your message to the world's largest geophysical audience, meet with customers and suppliers to make deals and learn what's new in the market. We are keenly aware of the cost and time that are required and your 2017 Annual Meeting Steering Committee has worked hard to enhance the value of the Annual Meeting for companies and individuals.

The theme of our meeting revolves around putting technology to work. This is a complex process that stretches from cutting-edge R&D to product development to marketing and sales. We introduce a new feature this year designed to enhance interaction between exhibitors and the

technical and operational communities by carving out from the technical program a full two hours around lunch to allow concentrated time on the exhibition floor. Exhibitors can submit their "Focus on Commercial Technology" booth presentations to be promoted by SEG during the two hour lunch break, so attendees can plan and optimize their exposition floor time, much as they do in attending technical sessions. This is just one example of innovations we bring to enhance the meeting's value.

Needless to say, you can expect familiar SEG activities such as the Honors and Awards Ceremonies, the Icebreaker, and the Wednesday night Wrap-up Party, as well as the world's finest geophysical technical program and exposition. However, mindful of costs, we have taken the opportunity also to sunset a few things.

Houston is no doubt home to the energy industry, so you can't miss this one. Expect a large attendance and make sure you make the time to get the full value of the meeting. Breaking news: as I write, I have just learned that we have a record-high number of papers submitted for the technical program so it will be a good one! I look forward to seeing you there.

Sincerely,

A handwritten signature in black ink that reads "Craig Beasley". The signature is fluid and cursive, with a slightly larger name at the top and a more stylized "Beasley" below it.

Craig Beasley  
Houston 2017 General Chair



You have to attend the Annual Meeting. I learn something new every year, such as what the advancements are in our field and what other people are doing. It's also an opportunity to share our experiences with others.



- Satinder Chopra, SEG member since 1989

## STEERING COMMITTEE



**Craig Beasley**  
GENERAL CHAIR



**Mihai Popovici**  
TECHNICAL PROGRAM CHAIR



**Cung Vu**  
SPONSORSHIP CHAIR



**Glenn Bear**  
VICE CHAIR



**Sergey Fomel**  
TECHNICAL PROGRAM CO-CHAIR



**Denise Dorsey**  
GUEST PROGRAM CHAIR



**Haynie Stringer**  
VOLUNTEER COORDINATOR CHAIR



**Minoo Kosarian**  
APPLIED SCIENCE EDUCATION  
PROGRAM CHAIR



**Ruben Martinez**  
GLOBAL CHAIR



**Scott Singleton**  
OPENING SESSION CHAIR



**Katherine Pittman**  
GEOPHYSICAL SOCIETY OF  
HOUSTON LIAISON

# 6 BRAND NEW REASONS TO ATTEND #SEG17

## Global and Regional Advisory Committees, Inaugural Joint Luncheon

*Demystifying E&P Big Data: Challenges, Opportunities, and Path Forward*



Tuesday, 26 September, 11:30 AM–1:30 PM

Speaker: Satyam Priyadarshy, Technology Fellow & Chief Data Scientist, Halliburton

Each of SEG's Regional Advisory Committees will come together with the Global Advisory Committee for this enlightening luncheon featuring important updates from each region. Enjoy the tastes of a good ol' American diner and a special preview of the International Exposition and 88th Annual Meeting in Anaheim.

**1**

Cost: \$45

## SEG Student and Women's Network Committee Mentor Meetup

(formerly known as the Student Networking Event)

Monday, 25 September, 4:00 PM–5:30 PM

The SEG Student and Early Career Department, in partnership with the Women's Network Committee, hosts the first annual Mentor Meetup. This premier networking event inspires interaction between ambitious students and innovative industry leaders through mentoring circles in a laid-back atmosphere. Open to students, faculty advisors, registered mentors, and company sponsors.

**3**



**5**

## Near Surface Postconvention Course: Drones Applied to Geophysical Mapping

Friday, 29 September, 8:30 AM–5:00 PM

This course brings together experts in the design and operation of small unmanned airborne systems applied to mapping along with experts in the acquisition of magnetics, electromagnetic, gravity, gamma ray spectrometry, ground-penetrating radar, and seismic data using drones.

## SEG Women's Network Committee/ Association for Women Geoscientists Short Course

*Decision and Risk Analysis for Uncertain Times in the Energy Industry*

**2**

Sunday, 24 September, 8:00 AM–5:00 PM

Instructors: Andrew Burton, Chief, Decision Quality, Strategy & Portfolio Management, ConocoPhillips; Jeff Cooke, Member, Decision Quality, Strategy & Portfolio Management, ConocoPhillips

Cost: \$250

(Includes coffee breaks, lunch, and digital course notes. Limited to 25 attendees.)

## SEAM 10th Anniversary Celebration

**4**

Monday, 25 September, 1:00 PM

The SEG Advanced Modeling program (SEAM) is a partnership between industry and SEG designed to advance geophysical science and technology through the construction of subsurface models and generation of synthetic data sets. Help us celebrate SEAM's 10 years of innovation and foresight with a slice of giant SEAM birthday cake!



SEG ADVANCED MODELING  
*10 Years of Success in Advanced Modeling*

## "Focus on Commercial Technology" Exhibitor Presentations Extended Lunch Breaks

Monday through Wednesday, 25–27 September,  
11:50 AM–1:50 PM

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Explore the exposition floor, see and hear about the latest technological advancements in the geosciences, and network with the smartest in the business. Be sure to visit the SEG Pavilion, back on the exposition floor for its second year, while you're there!

# PRELIMINARY EVENT SCHEDULE

## **FRIDAY, 22 SEPTEMBER**

Convention Center Self-serve Badge Print Kiosk	9:00 AM–5:00 PM
SEG/ExxonMobil Student Education Program	4:00 PM–7:00 PM

## **SATURDAY, 23 SEPTEMBER**

Convention Center Self-serve Badge Print Kiosk	7:30 AM–5:00 PM
Convention Center Main Registration	7:30 AM–5:00 PM
Continuing Education Courses	8:00 AM–5:00 PM
SEG/ExxonMobil Student Education Program	8:00 AM–5:00 PM
SEG/Chevron Student Leadership Symposium	8:00 AM–5:00 PM

## **SUNDAY, 24 SEPTEMBER**

Convention Center Self-serve Badge Print Kiosk	7:30 AM–8:00 PM
Convention Center Main Registration	7:30 AM–8:00 PM
SEG Book Mart	12:00 PM–8:00 PM
EAGE Course (EET 5)	8:00 AM–5:00 PM
Continuing Education Courses	8:00 AM–5:00 PM
SEG/ExxonMobil Student Education Program	8:00 AM–5:30 PM
Preconference Workshop – Decision & Risk Analysis for Uncertain Times in Energy Industry	8:30 AM–5:00 PM
SEG/Chevron Student Leadership Symposium	9:00 AM–5:00 PM
SEG Annual Council Meeting	1:00 PM–3:00 PM
SEG Pavilion*	6:00 PM–8:00 PM
Icebreaker & Expo Preview	6:00 PM–8:00 PM

## **MONDAY, 25 SEPTEMBER**

Convention Center Self-serve Badge Print Kiosk	7:30 AM–6:00 PM
Convention Center Main Registration	7:30 AM–6:00 PM
Opening Session & Presidential Address	8:30 AM–10:00 AM
SEG Book Mart	8:00 AM–6:00 PM
Exposition Hall Open	9:00 AM–6:00 PM
Student Pop-up Talks	9:00 AM–5:00 PM
SEG Pavilion*	9:00 AM–6:00 PM
Foundation Donor Luncheon	11:30 AM–1:00 PM
Coffee Break	2:45 PM–3:15 PM
Technical Program Afternoon Sessions	1:50 PM–5:10 PM
Challenge Bowl	2:00 PM–4:00 PM
Beverage Reception	4:30 PM–6:00 PM
SEG Student & Women's Network Committee Mentor Meetup	4:00 PM–5:30 PM
Women's Networking Event	5:30 PM–7:00 PM

\*In the SEG Pavilion, you'll find the SEG Greeting Area, Exhibitor Lounge and Rebooking Area for the 2018 Annual Meeting in Anaheim, Geoscientists *Without Borders*®, Foundation, Wiki, Student Pavilion, SEAM, and the Geophysical Society of Houston.

## TUESDAY, 26 SEPTEMBER

SEG Members-only Breakfast	7:00 AM–8:00 AM
Convention Center Self-serve Badge Print Kiosk	7:30 AM–6:00 PM
Convention Center Main Registration	7:30 AM–6:00 PM
SEG Book Mart	7:30 AM–6:00 PM
Technical Program Morning Sessions	8:30 AM–11:50 AM
Applied Science Education Program	9:00 AM–11:00 AM
Exposition Hall Open	9:00 AM–6:00 PM
Student Pop-up Talks	9:00 AM–5:00 PM
SEG Pavilion*	9:00 AM–6:00 PM
Coffee Break	9:45 AM–10:15 AM
Big Data Diner: Global & Regional Advisory Committees, Inaugural Joint Luncheon	11:30 AM–1:30 PM
Gravity and Magnetics Luncheon	12:00 PM–1:30 PM
Technical Program Afternoon Sessions	1:50 PM–5:10 PM
Coffee Break	2:45 PM–3:15 PM
International Reception	4:30 PM–6:00 PM
Beverage Reception	4:30 PM–6:00 PM
Near Surface Evening Reception	7:00 PM–11:00 PM
Honors & Awards	8:00 PM–8:45 PM

## VISIT THE SEG BOOK MART THIRD FLOOR NEAR TECHNICAL SESSIONS

### SUNDAY

12:00 PM–8:00 PM

### MONDAY

8:00 AM–6:00 PM

### TUESDAY, WEDNESDAY, AND THURSDAY

7:30 AM–6:00 PM

### FRIDAY

7:30 AM–1:00 PM

## WEDNESDAY, 27 SEPTEMBER

Convention Center Self-serve Badge Print Kiosk	7:30 AM–6:00 PM
Convention Center Main Registration	7:30 AM–6:00 PM
SEG Book Mart	7:30 AM–6:00 PM
Women's Network Breakfast	8:00 AM–11:00 AM
Technical Program Morning Sessions	8:30 AM–11:50 AM
Exposition Hall Open	9:00 AM–4:00 PM
Student Pop-up Talks	9:00 AM–3:00 PM
SEG Pavilion*	9:00 AM–4:00 PM
Coffee Break	9:45 AM–10:15 AM
Development & Production Luncheon	11:30 AM–1:00 PM
SEG/Chevron SLS Commencement	1:00 PM–2:30 PM
SEG/ExxonMobil SEP Commencement	1:00 PM–2:30 PM
Technical Program Afternoon Sessions	1:50 PM–5:10 PM
Coffee Break	2:45 PM–3:15 PM
Wednesday Night Wrap-up Party	6:00 PM–8:30 PM

## THURSDAY, 28 SEPTEMBER

Convention Center Self-serve Badge Print Kiosk	7:30 AM–2:00 PM
SEG Book Mart	7:00 AM–6:00 PM
Technical Program Morning Sessions	8:30 AM–11:50 AM
Postconvention Workshops	1:30 PM–5:00 PM

## FRIDAY, 29 SEPTEMBER

Convention Center Self-serve Badge Print Kiosk	7:30 AM–11:00 AM
SEG Book Mart	7:30 AM–1:00 PM
Postconvention Workshops Coffee Breaks	8:15 AM–10:15 AM
Postconvention Workshops	8:30 AM–5:00 PM
Near Surface Postconvention Course: Drones Applied to Geophysical Mapping	8:30 AM–5:00 PM
Postconvention Workshops Coffee Breaks	1:15 PM–3:15 PM
Postconvention Workshops	1:30 PM–5:00 PM

# A FEW HIGHLIGHTS

**SUNDAY  
24 SEPTEMBER**

**ICEBREAKER  
6:00 PM–8:00 PM**

**MONDAY  
25 SEPTEMBER**

**OPENING SESSION & PRESIDENTIAL ADDRESS  
8:30 AM–10:00 AM**

**TUESDAY  
26 SEPTEMBER**

**BIG DATA DINER: GLOBAL & REGIONAL ADVISORY  
COMMITTEES, INAUGURAL JOINT LUNCHEON  
11:30 AM–1:30 PM**

**WEDNESDAY  
27 SEPTEMBER**

**WRAP-UP PARTY  
6:00 PM–8:30 PM**

This year's Wrap-up Party features all things H-Town. Join us for an evening full of local graffiti art, food, beverages, and exciting entertainment on Discovery Green Lawn.

## GUEST PROGRAM

The Enhanced Guest Program includes the Sunday Icebreaker, Guest Hospitality Suite (located at the Hilton Americas Room 346), Seminars, Guest Program Luncheon, Honors & Awards Ceremony, and the Wednesday Night Wrap-up Party.

## TOURS



### Museum of Fine Arts, Houston

Located in the heart of Houston's museum district, the MFAH is a dynamic cultural complex comprising two gallery buildings, a sculpture garden, visitor's center, library, movie theater, gift shop, café, two art schools, and two house museums.



### Bayou Bend Collection and Gardens

Displayed in the former home of Houston civic leader and philanthropist Ima Hogg (1882–1975), Bayou Bend Collection and Gardens is one of the finest showcases of American furnishings, silver, ceramics, and paintings in the world. This beautiful house, run by the Museum of Fine Arts, is situated on 14 acres of organically maintained gardens nestled in Houston's historic River Oaks neighborhood.



### Chocolate Tour

Houston might be known for their culinary endeavors, but little do people know that Houstonians also have quite the sweet tooth. First stop – Araya Artisan Chocolates, where you can sample some of their gourmet chocolates or macarons. Second stop – The Chocolate Bar, where anything you can imagine is dipped in chocolate. Last stop is at Cacao & Cardamom – where you will find the most beautiful handcrafted chocolates with flavors from around the world. Guests will enjoy samplings, and a credit at The Chocolate Bar to grab a few sweet treats to take home.



### Holler Brewery

One of Houston's newest breweries, Holler Brewery is quickly becoming a favorite among locals. You can find their beers on tap throughout town or better yet, why not come experience it for yourself in their tap room? They'll show you the ropes during this tour, walking you through the process and answering any questions you've been curious about when it comes to beer-making. Top it all off with a flight of their favorites and you'll be sure to appreciate their hard work even more!

# WHY ATTEND?

**90%** of attendees of the 2016 Annual Meeting in Dallas rated the quality and variety of exhibitors as good/exceptional.

**85%** attended to encounter new products/services and new technology.

**82%** consider the Technical Program as good/excellent.

**83%** said the event was important/very important for their job.

**77%** rate attending as good or excellent for performing their job and establishing contacts in the industry.

# WHO ATTENDS?

Almost **60%** recommend or make the final purchase decisions for products and services.

**51.8%** are geophysicists.

Others include: CEOs, presidents, vice presidents, engineers, geologists, directors, managers, software developers and IT professionals, professors and academia, government personnel, investors, consultants, marketing and sales, human resource professionals, and students

**65.5%** came from North America. Other regions represented include Europe, Middle East, Australia, Asia, South America, and Africa.

DATA FROM 2016 SURVEY



I attend the Annual Meeting to network and catch up with friends. I had the pleasure of bumping into someone I hadn't seen in 18 years last year, and it was wonderful to catch up with him and his wife. Also, the quality of the technical sessions is fantastic.



- Sofia Campbell, SEG member since 2002

# TOP 10 REASONS TO EXHIBIT OR SPONSOR

1. Maximize sales results with 27 hours of face-to-face exhibit time
2. Connect with new and existing customers through a myriad of networking opportunities
3. Maximize exposure with unique preshow and onsite visibility options
4. Simplify your exhibiting experience with the helpful Exhibitor Services Manual that provides step-by-step tools and resources
5. Showcase your company's products and services to key clients and new business prospects
6. Receive additional visibility from an extensive global marketing campaign designed to draw attendees by promoting highlights and benefits of the exposition
7. Increase your company's visibility with a variety of unique sponsorship opportunities and investment levels
8. Discover the most up-to-date technologies and innovations with opportunities to upgrade your conference experience
9. Receive a postshow report including analysis of event attendees
10. Participate alongside your competitors

## Price to Exhibit

Standard	\$25 per sq. ft.
Corner and Island Booths	\$27 per sq. ft.
Universities, Nonprofits	\$13 per sq. ft.
Career Placement	\$25 per sq. ft.
Consortia	\$1,800 for one (1) booth package

# TECHNICAL PROGRAM

With 1,688 abstracts received for review, this year's technical program could be the largest technical program we've ever had. Geoscience professionals from all geophysical disciplines and all parts of the world are represented and will share the latest case histories, technological advancements, and research discoveries.

The technical program will begin on Monday at 1:50 PM, following the SEG Opening Session and Presidential Address. It will include nine special sessions and one special global session. Oral sessions, poster sessions, and oral discussion/e-presentation sessions will run through Thursday at noon.

## SPECIAL SESSIONS

These dedicated sessions will be offered to complement the technical program:

- Developments and Applications of Surface-wave Methods
- Emerging Professionals, Emerging Technologies
- Engineering Geophysics
- Geoscientists *Without Borders*®
- Hydrogeophysics
- Injection-induced Seismicity
- Near-surface Geophysical Methods for Archaeologic Research
- Recent Advances and the Road Ahead
- S-Wave Reflection Seismology with P Sources
- Special Global Session: US/Canada

## TECHNICAL PROGRAM PROPOSED TOPICS

- Acquisition and Survey Design
- Anisotropy
- AVO and Seismic Inversion
- Borehole Geophysics
- Diffraction Imaging and Modeling
- EM Exploration
- Full-waveform Inversion
- Gravity and Magnetics
- Interpretation
- Mining and Geothermal
- Multicomponent Seismic
- Near Surface
- Passive Seismic
- Reservoir Characterization
- Rock Physics
- Seismic Modeling
- Seismic Processing: Interpolation and Regularization
- Seismic Processing: Migration
- Seismic Processing: Multiples
- Seismic Processing: Noise Attenuation
- Seismic Theory
- Seismic Velocity Estimation
- Time Lapse
- Unmanned Vehicles Air, Land, Sea
- Vertical Seismic Profile

Visit [seg.org/am/techprog](http://seg.org/am/techprog) for the Technical Program grid.



The SEG Annual Meeting provides a unique environment to enhance your career. First you have the opportunity to network with peers, competitors, and respected industry giants in a single location. You also get an opportunity to share and exchange knowledge and experiences through the technical session, short courses, and workshops as well as the convention floor. The gathering of thousands of geoscientists in a single location really is ‘where the world of applied geophysics connects.’



- Paul Anderson, SEG Member since 1998



## POSTCONVENTION WORKSHOPS

Postconvention workshops are offered after the technical program sessions close on Thursday and continue through Friday, 29 September. Workshop passes are available for US \$100 for members, US \$200 for nonmembers, and US \$30 for students and include access to any or all postconvention workshops. Thursday afternoon workshops begin at 1:30 PM, and Friday workshops begin at 8:30 AM.

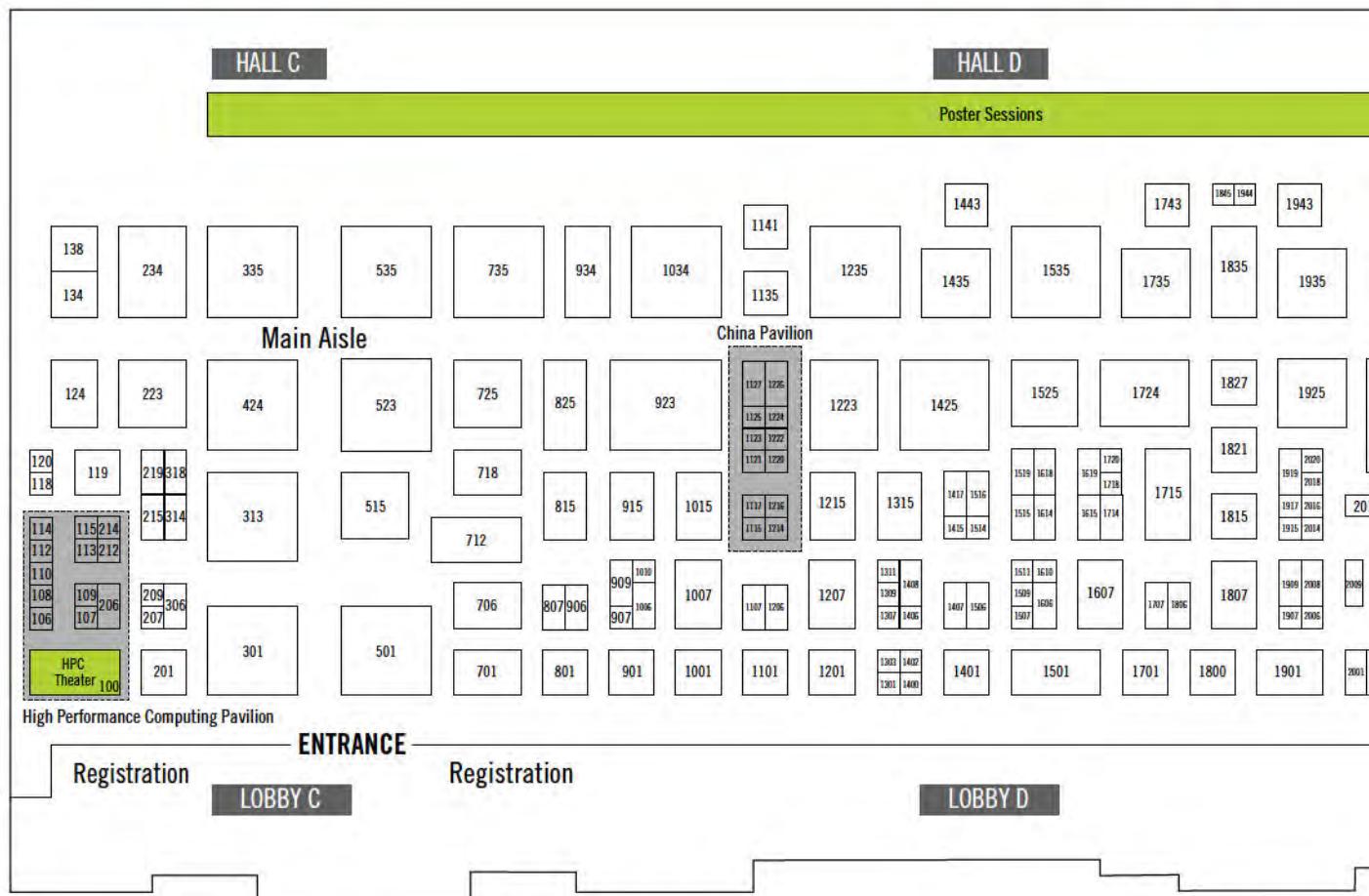
Please note that the number of seats available in each session is limited and offered on a first-come, first-served basis. If seats are available, movement between workshops during a session will be permitted.

Visit [seg.org/am/pcw](http://seg.org/am/pcw) for Postconvention Workshop listing.

# EXPOSITION FLOOR

VISIT SEG.ORG/AM FOR THE LATEST FLOOR PLAN.

## GEORGE R. BROWN CONVENTION CENTER



### EXPOSITION HALL HOURS:

**Sunday, 24 September**  
6:00 PM–8:00 PM  
(Icebreaker Reception)

**Monday, 25 September**  
9:00 AM–6:00 PM

**Tuesday, 26 September**  
9:00 AM–6:00 PM

**Wednesday, 27 September**  
9:00 AM–4:00 PM



I attend the Annual Meeting mainly to see friends, meet new people, catch up on technical advancements, promote my business, and it's just fun ... I enjoy it. ⚡ ⚡



-Shuki Ronen, SEG member since 1982



**LOCATED ON EXPOSITION FLOOR**

## Beverage Receptions

## Career Placement Area

China Pavilion

## Coffee Breaks

## Consortium Showcase

## E-presentation and Poster Sessions

## Exhibitor Presentations

## HPC Pavilion & Theater

## Icebreaker

## International Reception

## Near Surface Pavilion

SEG Pavilion

## NEW THIS YEAR

## NEW THIS YEAR:

#### **"Focus on Commercial Technology" Exhibitor Presentations Extended Lunch Breaks**

**Monday–Wednesday, 25–27 September, 11:50 AM–1:50 PM**  
Visit [seg.org/am](http://seg.org/am) or the mobile app for a presentation schedule.

## BEVERAGE RECEPTIONS:

**Monday, 25 September, 4:30 PM–6:00 PM**

## COFFEE BREAKS:

**Monday–Wednesday, 2:45 PM–3:15 PM**

# EXHIBITOR LIST

EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #
AAPG .....	2620	DOWNUNDER GEOSOLUTIONS .....	1535	GEOPHYSICAL TECHNOLOGY, INC. ....	223
ABITIBI GEOPHYSICS INC. ....	2237	DRILLINGINFO INC.....	815	GEOSOFT, INC.....	1915
ACCELEWARE LIMITED .....	906	DYNAMIC AVIATION .....	1610	GEOSPACE TECHNOLOGIES CORPORATION...335	
ACROMOVE INC.....	214	DYNAMIC GRAPHICS, INC.....	2327	GEOSTUFF .....	2334
ADVANCED GEOSCIENCES, INC.....	2235	DYNAMIC TECHNOLOGIES (DTCC).....	2527	GEOTECH LIMITED.....	2218
ADVANCED LOGIC TECHNOLOGY (ALT) .....	1309	EAGE CONFERENCES BV .....	1006	GEOTERIC .....	1943
AGT .....	1215	EARTH SIGNAL PROCESSING LIMITED .....	1141	GEOTOMO LLC.....	2227
ALASKA STRUCTURES, INC.....	1807	EDCON - PRJ, INC. ....	801	GETECH.....	2006
ALTAIR .....	106	EDINBURGH ANISOTROPY PROJECT /		GLENAIR, INC.....	2014
AMERICAN GEOPHYSICAL UNION - AGU .....	1509	BRITISH GEOLOGICAL .....	2201	GMT .....	2020
AMPHENOL FIBER SYSTEMS INTERNATIONAL.....	1720	ELECTROMIND SA .....	2221	GRANT-SHELTON WORLDWIDE TIRE .....	1115
AUSTINBRIDGEPORTH .....	1821	ELIIS.....	124	GRIDWORLD .....	1127
AUSTRALIAN SOCIETY OF EXPLORATION GEOPHYSICISTS.....	2018	ELSIWAVE RESERVOIR.....	1224	HARRIS ACOUSTIC SENSORS .....	207
BELL GEOSPACE.....	1806	EMGS .....	1417	HART ENERGY .....	2440
BGP .....	923	ENGENIUS SOFTWARE.....	1415	HASTING MICRO-SEISMIC	
BRAZILIAN GEOPHYSICAL SOCIETY (SBGF) .....	2522	ENTHOUGHT, INC.....	318	CONSULTING INC.....	2521
CEGAL LLC .....	1407	EON GEOSCIENCES, INC. ....	1514	HIGH TECH, INC.....	1515
CENTER FOR SUBSURFACE IMAGING AND FLUID MODELING.....	2509	ESG SOLUTIONS .....	718	IHS MARKIT .....	2124
CGG.....	1425	EXXONMOBIL EXPLORATION COMPANY .....	2635	IKON MINING .....	2435
CHEVRON .....	2535	FAIRFIELDNODAL.....	1735	IKON SCIENCE .....	701
CNPC KEYLAB OF GEOPHYSICAL PROSPECTING.....	2208	FALMOUTH SCIENTIFIC .....	2217	INAPRIL .....	2001
COLORADO SCHOOL OF MINES .....	219	FORLAND GEOPHYSICAL SERVICES LLC .....	2336	IN-DEPTH GEOPHYSICAL .....	2625
COSL AMERICA, INC.....	1501	FRAUNHOFER ITWM .....	138	INOVA GEOPHYSICAL.....	1724
CRAY, INC.....	107	GEM ADVANCED MAGNETOMETERS .....	1406	INTERACTIVE NETWORK TECHNOLOGIES....1315	
CREWES / UNIVERSITY OF CALGARY .....	2508	GEO EXPRO (GEOPUBLISHING LIMITED).....	1718	INTERNATIONAL ASSOC. OF GEOPHYSICAL CONTRACTORS.....	1606
CYPRESS TECHNOLOGIES CORPORATION ...1706		GEO MIDDLE EAST GEOSCIENCES .....			
DAWSON GEOPHYSICAL COMPANY.....	1935	CONFERENCE & EXHIBITION .....	1402	INTERNATIONAL SEISMIC COMPANY ISEIS ..1303	
DECO GEOPHYSICAL SC.....	314	GEO SCANNING TECHNOLOGY .....	1125	ION .....	725
DELFT UNIVERSITY OF TECHNOLOGY .....	2209	GEOCOMPUTING GROUP, LLC .....	1007	IRIS CONSORTIUM .....	2523
DELL EMC .....	1101	GEOCONVENTION PARTNERSHIP .....	1917	IRIS INSTRUMENTS .....	825
DIGITAL FORMATION, INC. ....	2423	GEOENERGY, INC.....	2427	KATALYST DATA MANAGEMENT .....	1925
DMT GMBH & CO. KG .....	1307	GEOLOGIC .....	2441	KONGSBERG MARITIME.....	1815
		GEOMETRICS.....	825	KUWAIT OIL COMPANY .....	501
		GEOPHYSICAL INSIGHTS .....	301	KYOTO UNIVERSITY .....	2205
		GEOPHYSICAL SOCIETY OF HOUSTON .....	2818A	LANDOCEAN ENERGY SERVICES COMPANY, LIMITED .....	1119
		GEOPHYSICAL SOCIETY OF HOUSTON .....	2801	LANDTECH GEOPHYSICS LTD.....	1708

EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #	EXHIBITOR	BOOTH #
LENOVO.....	206	R.T. CLARK COMPANIES, INC.....	1619	TALUS TECHNOLOGIES INC.....	1835
LMF.....	1408	REAL WORLD GLOBES.....	2017	TDI-BROOKS INTERNATIONAL, INC.....	2515
LUMINA GEOPHYSICAL.....	2135	RESOLVE GEOSCIENCES, INC.....	1015	TECHNOIMAGING.....	1206
MALA GEOSCIENCE USA.....	2239	RISE (HANYANG UNIVERSITY) .....	2409	TEEC SOLUTIONS, LLC.....	2118
MEMORIAL UNIVERSITY OF NEWFOUNDLAND.....	2305	ROLLS-ROYCE.....	1901	TELEDYNE MARINE.....	1135
MICRO-G LACOSTE.....	1827	RPS.....	1519	TERRASYS GEOPHYSICS .....	1845
MICROSEISMIC, INC.....	2335	SANDER GEOPHYSICS LIMITED (SGL).....	909	THERMO FISHER SCIENTIFIC .....	120
MITCHAM INDUSTRIES, INC.....	934	SAUDI ARAMCO.....	735	TRE ALTAMIRA.....	2315
MOUNT SOPRIS INSTRUMENT COMPANY, INC.....	1311	SAUER COMPRESSORS USA.....	1107	TRICON GEOPHYSICS, INC. ....	306
NANOMETRICS, INC.....	1909	SCHLUMBERGER.....	535	TRIMBLE .....	1919
NAPE EXPO.....	1609	SEABED GEOSOLUTIONS .....	1525	TRITON IMAGING .....	2316
NATIONAL COMPRESSED AIR CANADA LTD.....	1010	SEANAMIC .....	2009	ULMATEC BARO AS.....	1800
NCS SUBSEA.....	825	SEARCHER SEISMIC .....	2119	UNCONVENTIONAL RESOURCES TECHNOLOGY CONFERENCE .....	1506
NETAPP, INC.....	901	SEISMIC EQUIPMENT SOLUTIONS (SES) .....	1715	UNIQUE DIGITAL INC.....	110
NEW ENGLAND RESEARCH.....	209	SEISMIC INSTRUMENTS, INC.....	1607	UNIV. OF TEXAS AT AUSTIN, JACKSON SCHOOL OF GEO.....	2101
NORSAR INNOVATION AS.....	1443	SEISMIC LABORATORY FOR IMAGING AND MODELING (SLIM).....	2308	UNIVERSITY OF COLORADO DENVER GEM PROGRAM .....	2117
OCEAN SONICS LTD.....	2415	SEISMIC SOURCE COMPANY - SSC .....	1301	UNIVERSITY OF HOUSTON .....	2541
OCTIO AS.....	2720	SEISMICITY, INC. .....	1743	VEHICLE SOURCE PRODUCTS, INC.....	1714
OPTASENSE LIMITED .....	1201	SEISMOLOGICAL SOC. OF AMERICA .....	1907	VIBRA-TECH, INC. .....	1944
ORICA.....	1001	SEISMOS .....	2016	VINCI TECHNOLOGIES .....	1507
OVATION DATA SERVICES, INC.....	1835	SEISMOTEC LIMITED .....	2321	WEIHAI SUNFULL GEOPHYSICAL EXPLORATION EQUIPMENT .....	1226
OYO CORPORATION.....	825	SEISWARE, INC. ....	201	WIRELESS SEISMIC, INC.....	915
PARADIGM.....	234	SENSOR TECHNOLOGY LTD. ....	2116	XTREMEGEO .....	1707
PARALLEL GEOSCIENCE CORPORATION .....	807	SERCEL .....	1223	YCOS INC. ....	2619
PAULSSON, INC. (PI).....	1615	SHARP REFLECTIONS GMBH .....	134	ZEROWAIT CORPORATION .....	215
P-CABLE 3D SEISMIC.....	825	SHEARWATER .....	523	ZONGE INTERNATIONAL .....	1516
PETROSEN.....	1400	SHELL.....	2734	ZZ RESISTIVITY IMAGING PTY. LTD., AUSTRALIA .....	2223
PETROSYS USA .....	119	SINOGE .....	424		
PGS .....	1034	SINOPEC GEOPHYSICAL CORPORATION .....	313		
PHILLYSTRAN .....	1614	SONARDYNE INTERNATIONAL LIMITED .....	1511		
PHOENIX GEOPHYSICS LIMITED .....	2019	SOUND OCEANICS LLC .....	1401		
POLARCUS .....	515	SPECTRUM .....	706		
PURE STORAGE .....	112	STINGRAY GEOPHYSICAL INC. ....	712		
R.A.K.I COMPUTERS .....	212	STRUCTURESOLVER .....	907		
		SYSTEM DEVELOPMENT, INC. (SDI) .....	1618		

# REGISTRATION INFORMATION

## FOUR-DAY EXPOSITION AND CONFERENCE

REGISTRATION TYPE	EARLY BIRD 10 MAY–20 JULY (11:59 PM CDT)	STANDARD 21 JULY–21 SEPTEMBER (11:59 PM CDT)	ON-SITE 22–29 SEPTEMBER
SEG Member Delegate	\$625	\$725	\$825
Nonmember Delegate	\$775	\$875	\$975
SEG Emeritus Member <sup>1</sup>	\$180	\$180	\$180
SEG Student Member	\$50	\$75	\$100
Nonmember Student	\$100	\$125	\$150
Honors and Awards Ceremony, Icebreaker, Technical Sessions, Opening Session, International Exposition, delegate bag, Official Program and access to abstracts			

## ONE- AND TWO-DAY EXPOSITION AND CONFERENCE

REGISTRATION TYPE	REGISTRATION DAYS	RATE
Two-day Member	Monday & Tuesday or Tuesday & Wednesday	\$395
Two-day Nonmember	Monday & Tuesday or Tuesday & Wednesday	\$490
One-day Member	Monday, Tuesday, or Wednesday	\$265
One-day Nonmember	Monday, Tuesday, or Wednesday	\$390
Sunday Icebreaker Only	Sunday	\$75
Includes: Icebreaker, Technical Sessions (on registration days chosen), Opening Session, International Exposition (on registration days chosen), delegate bag, access to abstracts and Official Program		

## EXPOSITION ONLY

REGISTRATION TYPE	RATE
Four-day Exposition Only	\$225
Includes: Icebreaker, International Exposition on all four days, and the Official Program	

## GUEST PROGRAM

REGISTRATION TYPE	RATE
Guest Program	\$160
Enhanced Guest Program	\$200
Includes: Icebreaker, Opening Session, International Exposition, Tuesday Guest Luncheon, access to seminars, and Guest Program bag. The Enhanced Guest Program also includes a ticket for the Wednesday Night Wrap-up Party.	

<sup>1</sup> Must be retired, over 65, a member of SEG, and in the industry for 30 years

## EXHIBITOR REGISTRATION

REGISTRATION TYPE	RATE
Exhibitor Delegate	2 complimentary per 100 square feet Includes: Honors and Awards Ceremony, Icebreaker, Technical Sessions, Opening Session, International Exposition, delegate bag, Official Program, and access to abstracts
Booth Staff	\$125 Includes: Icebreaker, International Exposition, Official Program
Exhibitor Visitor Passes	Codes provided to each exhibitor Includes: Access to the exposition hall during exposition hall hours on Monday, Tuesday, and Wednesday only

## POSTCONVENTION WORKSHOP PASS

REGISTRATION TYPE	RATE
Student	\$50
Member	\$100
Nonmember	\$200
The workshop pass provides access to postconvention workshops on Thursday and Friday. To see a full list of workshops, please visit <a href="http://seg.org/am">seg.org/am</a> .	

## NEAR SURFACE POSTCONVENTION COURSE: DROONES APPLIED TO GEOPHYSICAL MAPPING

REGISTRATION TYPE	STUDENT	MEMBER	NONMEMBER	
RATE	\$50	\$100	\$200	Registration provides access to the "Drones Applied to Geophysical Mapping" course only on Friday.

## ANCILLARY EVENTS

BREAKFASTS/LUNCHEONS/RECEPTIONS	EARLY RATE 10 MAY–21 SEPTEMBER (11:59 PM CDT)	ON-SITE RATE 22–29 SEPTEMBER
Decision and Risk Analysis for Uncertain Times In The Energy Industry	\$250	\$250
Gravity and Magnetics Luncheon	\$60	\$70
Big Data Diner: Global & Regional Advisory Committees, Inaugural Joint Luncheon	\$45	\$55
Development and Production Luncheon	\$60	\$70
Women's Networking Breakfast	\$20 member/nonmember, \$10 student	\$30 member/nonmember, \$15 student
Women's Networking Reception	\$20 member/nonmember, \$10 student	\$30 member/nonmember, \$15 student
Wednesday Night Wrap-up Party (Delegate)	\$35	\$45
Wednesday Night Wrap-up Party	\$75	\$85

GUEST PROGRAM TOURS	RATE
Museum of Fine Arts, Houston	\$65
Bayou Bend Collection and Gardens	\$65
Chocolate Tour	\$65
Holler Brewery	\$65

EDUCATION	RATE
Technical Program Presentation Recordings	\$160 member, \$200 nonmember

# GENERAL INFORMATION

## ABOUT THE GEORGE R. BROWN CONVENTION CENTER

The George R. Brown Convention Center (GRBCC) opened on 26 September 1987 and is located in the heart of downtown Houston. Connected to the Hilton via two enclosed walkways, GRBCC is easily accessible to all Annual Meeting events. The center is just a 32-minute drive from George Bush International Airport and a 19-minute drive from William F. Hobby Airport, both of which house a variety of affordable transportation options for a seamless arrival to the Annual Meeting. GRBCC is also served by METRORail light rail service at the Convention District station making it the perfect opportunity to explore what Houston has to offer in the evenings.

## AUDIO / VIDEO / PHOTOGRAPHS

Please note that audio recording, video recording, and photographing any portion of the SEG International Exposition and 87<sup>th</sup> Annual Meeting is prohibited.

## CONSENT TO USE OF PHOTOGRAPHIC IMAGES

Registration and attendance at or participation in SEG meetings and other activities constitutes an agreement by the registrant to SEG's use and distribution (both now and in the future) of the registrant's or attendee's image or voice in photographs, videos, electronic reproductions, and audio recordings of such events and activities.

## DRESS

Please adhere to an appropriate standard of dress for a business setting or function and to a standard of behavior suitable for a business environment. Should SEG feel that attendees or participants are infringing on cultural or professional standards in terms of dress or behavior, SEG reserves the right to caution or eject such persons from the event.

## SEG EVENTS APP

SEG has created a new mobile event app to ensure you get the most out of this year's meeting. By downloading the app, you can:

- build your own conference and exposition schedule
- network with other delegates
- integrate with social media

The 2017 app will be available for download prior to the event. Please refer to [seg.org/am](http://seg.org/am) for more information.

## SOCIAL MEDIA

Join in the excitement before, during, and after the meeting! Connect with other attendees, speakers, and media by following updates on [seg.org/am](http://seg.org/am). Add #SEG17 to your ideas, photos, and posts and look for regular updates on Twitter, Facebook, LinkedIn, and Instagram.

## VISA INFORMATION

A visa invitation letter is available online at [seg.org/Annual-Meeting-2017/Attend](http://seg.org/Annual-Meeting-2017/Attend). To assist with your visa process, SEG has compiled some helpful information on our website. Attendees are strongly encouraged to begin the process early, as it may take several months. Please note, SEG is unable to contact the U.S. Embassy on your behalf. It is the attendee's responsibility to obtain the necessary paperwork to attend the event.

## CHILDCARE PROVIDERS

The Houston Visitor Bureau recommends the following childcare providers:

CHILDCARE PROVIDER	CONTACT INFORMATION
Mom's Best Friend Sitter Services	Laura Patterson, Director of Temporary Services   512.381.3140   <a href="http://momsbestfriend.com/houston">momsbestfriend.com/houston</a>
Houston Nanny ICW/Morningside Nannies	Michelle LaRowe   <a href="mailto:Info@morningsidenannies.com">Info@morningsidenannies.com</a>   713.526.3989   <a href="http://morningsidenannies.com">morningsidenannies.com</a>
SeekingSitters	Kristin Jarecki   <a href="mailto:houstonwest@seekingsitters.com">houstonwest@seekingsitters.com</a>   281.224.3418   <a href="http://SeekingSitters.com">SeekingSitters.com</a>



## PAYMENT INFORMATION

All major credit cards are accepted online at [seg.org/am/attend](http://seg.org/am/attend). If you wish to pay by check, please download and complete the registration form from our website and send it to the listed address. Checks must be drawn off U.S. banks and received by 8 August. For instructions on paying by wire, please email [registration@seg.org](mailto:registration@seg.org).

## REFUND POLICIES

Annual Meeting 2017 registration refund requests submitted in writing to [registration@seg.org](mailto:registration@seg.org) prior to 7 August (11:59 PM CDT) will be processed less a \$50 fee. SEG will not provide refunds, including ones due to visa denial, after 7 August 2017.

Please register early to help avoid cancellation of events. We realize the inconvenience and expense you may incur due to cancellation and will make every effort not to cancel any events held in conjunction with the conference. However, at times, it does become necessary to cancel events due to under-subscription. In these cases, SEG will refund the registration cost incurred, but SEG will not accept responsibility of any other costs associated with under-subscribed event cancellations (i.e. airfare, hotel deposits, etc.).

Continuing Education courses must be submitted in writing by email to [ce@seg.org](mailto:ce@seg.org) no later than 23 August for a full refund less a US \$50 processing fee.

## BADGES

Prior to your arrival, please review the badge information on your confirmation email for accuracy. To make changes to your badge, please log in to your SEG account, select "Manage My Account," then "View my SEG Meetings" to update your badge.

To save time in line, please bring your confirmation email or SEG ID number with you to the convention center. Once onsite, you can proceed to the registration desk or any of the self-serve kiosks to print your badge.

Registrants must wear their official SEG badge for admission. Badges are nontransferable and are subject to a nonrefundable reprint fee. Badge swapping or sharing is strictly prohibited. A \$100 nonrefundable reprint fee will be charged for lost badges.

**Questions? Please contact SEG Registration at 1.918.497.5542 or [registration@seg.org](mailto:registration@seg.org).**

# CONTINUING EDUCATION COURSES

## ONE-DAY COURSES (SATURDAY, 23 SEPTEMBER)

Concepts and Applications in 3D Seismic Imaging (2007 SEG/EAGE DISC)

**INSTRUCTOR(S)**

Biondo Biondi

Carbonate Essentials: Pores to Prospect (one day)

Chris Liner

Petrophysics and Geophysics Relevant to CO<sub>2</sub> Enhanced Oil Recovery

Bill Harbert

## TWO-DAY COURSES (SATURDAY–SUNDAY, 23–24 SEPTEMBER)

3D Seismic Attributes for Prospect Identification and Reservoir Characterization

Kurt Marfurt

Rock Physics, Geomechanics, and Hazard of Fluid-induced Seismicity

Serge A. Shapiro

Full-waveform Inversion

Mrinal Sen

Gravity and Magnetics for Explorationists

Michal Ruder

Seismic Diffractions - Modeling, Imaging, and Applications

Tijmen Jan Moser

The Interpreter's Guide to Depth Imaging

Scott MacKay

Planning and Operating a Land 3D Seismic Survey

Andreas Cordsen & Peter Eick

Marine Broadband Technologies: Theory & Practice

David Carlson

Microseismic Monitoring in Oil or Gas Reservoir

Leo Eisner

Petroleum Systems of Deepwater Settings

Paul Weimer

Structural Geology in Seismic Interpretation

Shankar Mitra

Seismic, Petrophysical, and Geomechanical Characterization of Organic-rich Shales

Malleswar Yenugu

Time-lapse Seismic in Reservoir Management

Ian Jack

An Introduction to Migration and Velocity Model Building

Ian Jones

## Continuing Education Course Registration Information and Deadlines

Early-bird Registration ends 21 July.

	NONMEMBER	MEMBER	STUDENT
<b>One-day Course (includes course notes)</b>			
Early-bird Registration	\$785	\$685	\$150
After 21 July	\$885	\$785	\$250
<b>Two-day Course (includes course notes)</b>			
Early-bird Registration	\$1,295	\$1,145	\$300
After 21 July	\$1,395	\$1,245	\$400
<b>Serge A. Shapiro's Course (includes book)</b>			
Early-bird Registration	\$1,395	\$1,245	\$400
After 21 July	\$1,495	\$1,345	\$500

# HOUSING

Visit [seg.org/am](http://seg.org/am) for reservation and cancellation information.

## Book your hotel now for the geophysical event of the year.

### HILTON AMERICAS-HOUSTON HEADQUARTER HOTEL

Conveniently located in the heart of downtown Houston, the Hilton Americas-Houston is connected to the George R. Brown Convention Center via two indoor skywalks. The hotel is just steps away from a range of attractions such as Discovery Green Park, Toyota Center, BBVA Compass Stadium, and Minute Maid Park. Green Street premier dining and entertainment center also is close by.

### OFFICIAL SEG HOTELS IN HOUSTON

SEG discounted rates will be available at official hotels only! Contracted hotels are within walking distance of the George R. Brown Convention Center and can be viewed on the following map.

### ADVISORY

Exhibitors and attendees are, from time to time, solicited by third-party housing agencies, travel agencies, and hotels purporting to service the SEG Annual Meeting. These groups are “pirates” or poachers of group rooms. SEG and our housing partner, Experient, work closely with the official hotels to serve cease and desist letters to these groups contacting our exhibitors and attendees.

*Poachers offer lower rated rooms than official block rates. Many times they are unable to provide SEG attendees the quality of room offered in the official block. They usually expect payment up front and have harsh, unforgiving cancellation policies. Reservations made through any agency besides the approved SEG Housing Partner, Experient, cannot be guaranteed and could result in additional fees above advertised rates, as well as incorrect hotel placement.*

For these reasons, and to support our efforts to give you a quality event, we encourage you to book your housing through Experient’s online housing reservations service at [seg.org/am](http://seg.org/am).



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Magazine

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## THANK YOU!

Thank you to our sponsors from the SEG International Exposition and 87<sup>th</sup> Annual Meeting. Without your generosity, many of the convention programs, breaks, and events would not exist. A full list of available sponsorship opportunities can be found at [seg.org/am](http://seg.org/am), or to request a brochure, contact Teresa Dallis at +1.918.497.4606 or by e-mail at [tdallis@seg.org](mailto:tdallis@seg.org).

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