
*2018 Annual Report for
SPE Standing Committees*

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Energy Information Committee

Committee Chair: Mark Brinsden

About the Committee

The Energy Information Committee guides and promotes SPE's global programs to inform students and the public of the petroleum industry's value. Although this is primarily an advisory committee that receives substantial staff support from SPE, committee members do provide an important source of hands-on help, access to resources and Energy4me champions.

The committee is divided into two subcommittees—one focused on classroom education and the other on public awareness. This past year, the committee has focused on encouraging sections and chapters to conduct Energy4me presentations in their communities.

Committee Activities and Accomplishments (October 2017 to September 2018)

The committee supports globally the growth of SPE's energy education program, Energy4me. Highlights of this year's classroom education outreach activities include:

- Colombia Section: created a national drive in conjunction with Ecopetrol that will use over 400 volunteers for the program
- Benin Section: conducted successful school visit
- Calgary Section: conducted an open campaign at a local community center, inviting students and parents to learn more about the industry using the Energy4me curriculum
- Kuala Lumpur Section: after volunteering for the Energy4me students workshop at OTC Asia, the section visited schools in oil-producing Malaysian states. They used our hands-on activities to great success
- UNI Student Chapter: visited two schools
- Texas A&M Student Chapter: conducted a career day program using Energy4me hands-on activities to illustrate technical concepts
- UTM Student Chapter: did a school visit, using five Energy4me hands-on activities
- MIT Pune Student Chapter: multiple workshops over 30 days; reached over 450 students
- Alexandria Student Chapter: conducted three-month campaign in schools with part of their program consisting of the Energy4me hands-on activities

Energy4me staff conducted workshops in six countries, including a first-ever event in Oman.

- Abu Dhabi, UAE: student workshop, HSSE conference, May 2018
- Dhahran, Saudi Arabia: student workshop, ATS&E conference, April 2018
- Muscat, Oman: student workshop, OGWA conference, March 2018
- Kuala Lumpur: student workshop, OTC Asia conference, March 2018
- Mumbai, India: student workshop, OGIC conference, April 2017
- Kuwait City, Kuwait: student and teacher workshop, KOGS conference, February 2018

For the first time, Energy4me conducted two student workshops at the training facilities of two international service companies. Both events included touring the sites and interacting with simulators.

- Baker Hughes Eastern Hemisphere Training Center
- Weatherford Training and Technology Center

Finally, to provide members with the tools and information they need to conduct a classroom visit, the Energy4me team created a comprehensive, multi-platform training program:

- Step-by-step video showing the presentation outline
- Word document that details hands-on activities and required materials for each grade level. It also helps members understand how to report back on the success of their presentation
- Series of online instructional videos that explain every step of the activities

The Energy4me team created the “Energy4me is.....” social media campaign. Through various photographs, each post describes a key component of the program, such as “Energy4me is hands on,” “Energy4me is not a boring lecture,” and “Energy4me is STEMulating.”

Example:



Energy4me @Energy4me · Jun 6

Having the knowledge is only half the race. As a professional or a teacher, going into a classroom with the right tools means that you have the ability to transform that knowledge into something that is both exciting and informative. Email: energied@spe.org for the right tools!



Committee Chair: Bernard Seiller

About the Committee

The committee is responsible for programs dealing with oil and gas reserves and resources matters, including reserves and resources definitions and standards.

The committee currently has a chairman and 12 members. Members must have at least 10 years of experience in reserves and resource estimation. There are also seven observers to the committee who represent their societies. Currently active observers represent the Society of Petroleum Evaluation Engineers (SPEE), the American Association of Petroleum Geologists (AAPG), the Society for Exploration Geophysicists (SEG), Society of Petrophysicists and Well Log Analysts (SPWLA), and European Association of Geoscientists and Engineers (EAGE). There are also positions for the World Petroleum Council (WPC) and the International Accounting Standards Board (IASB), though representatives from these groups have not attended any meetings for several years.

Committee Activities and Accomplishments (October 2017 to September 2018)

Review of Petroleum Resources Management System (PRMS)

The 2018 update to the PRMS was completed and approved in June 2018.

The major principles from 2007 are retained in the update. Key considerations in the revision address the following:

- Improve the PRMS's clarity and granularity
- Updates to Resource Classification Framework
- Update to Project Maturity Sub-Classes
 - Recommend sub-class usage for Entities' to have clarity on project's maturity
- Economically Producing and Economic Limit
- Clarify the use of the 2P, utilizing the Best Estimate, (or higher confidence) for the Project Commercial decision criteria
- Clarify risk vs. uncertainty
- "Justified for Development" clarification and how it differs from "Development Pending"
 - Requires Commerciality to be achieved with Reasonable Expectation of development
- Discovery criteria
- Chance of: discovery, development and commerciality
- Clarify ability to recognize Consumed in Operations volumes as Reserves
- Clarify that split conditions and split classification are not permitted
- Analog application has been improved to align more closely with subsurface elements, development criteria and facility consideration
- Stand-alone Possible not allowed, except when extension of neighboring project with 2P reserves, otherwise Contingent Resources
- Abandonment Decommissioning and Restoration (ADR) costs
 - Clarity on use, importance and requirement to record
- Various assessment methods are acceptable and results should be similar when using Deterministic, Probabilistic, Geostatistical and Integrated Methods
- Qualified Reserves Evaluator (QRE) and Qualified Reserves Auditor (QRA) qualifications have been added

PRMS Supplemental Documents

Simultaneous to the PRMS revision, the committee is developing best practice guidelines for reporting, a set of examples that address and describe key issues in the PRMS, and revised standards for auditing. The materials will be released as they are finalized. Now that the PRMS revision is complete, the OGRC will begin revising the Application Guidelines.

Workshops, Training Courses, and Webinars

Five reserves workshops are currently in planning stages and will include special sessions on the update. In-person training courses will precede the workshops whenever possible and provide an introduction of PRMS basic principles. Additional workshops and in-person training courses will be provided over the coming 18 months to two years that will ensure all regions are adequately covered.

The OGRC Education Subcommittee is developing training courses and webinars to assist reserves professionals in understanding how to interpret and utilize the update. A priority is placed on online offerings in an effort to increase the amount of video content available, a strategic objective indicated in the 2018 Strategic Plan.

Translations

New translations are needed for the 2018 update. The OGRC is working with the Moscow Section on the Russian version first.

Committee Chair: Dan Scott

About the Committee

Major responsibilities of the ATCE Program Committee are to monitor activity in their fields worldwide and to identify topics that should be pursued for presentation in the technical program. This includes identifying companies active in development work and operations in the area worldwide, as well as individuals, and the encouragement to submit paper proposals. Members are to also serve as session chairperson in their developed sessions.

The committee is comprised of a program chairperson, vice program chairperson, six specialty coordinators and 16 subcommittees.

The conduct and leadership over the committee is held by the program chairperson. The vice program chairperson is in attendance for all functions, being mentored by the program chairperson with the agreement that he or she will step up to fill the program chairperson position the following year.

Subcommittees are comprised of approximately eight to fifteen members. The subcommittees are monitored and provided assistance by the event specialist.

The Program Committee Structure for 2018 ATCE is as follows:

Program Chairperson

Program Vice Chairperson

Drilling Specialty Coordinator	Completions Specialty Coordinator	Projects, Facilities & Construction Specialty Coordinator	Health, Safety and Environment Specialty Coordinator	Management and Information Specialty Coordinator	Production and Operations Specialty Coordinator	Reservoir Description and Dynamics Specialty Coordinator
Drilling Subcommittee	Completions Subcommittee	Projects, Facilities & Construction Subcommittee	Health, Safety and Environment Subcommittee	Management Subcommittee	Well Operations Subcommittee	Recovery Mechanisms & Flow in Porous Media Subcommittee
				Digital Energy Subcommittee	Production Monitoring and Control Subcommittee	Formation Evaluation Subcommittee
				Education, Training and Professionalism Subcommittee	Well Stimulation Subcommittee	Reservoir Engineering Subcommittee
				Petroleum Advanced Analytics		Reservoir Geology and Geophysics Subcommittee
						Reservoir Monitoring Subcommittee

The term of the subcommittee members is one to three years. Past subcommittee chairpersons will continue an extra year in order to mentor the incoming chairperson.

Committee Activities and Accomplishments (October 2017 to September 2018)

- Successful solicitation of over 2,500 paper proposals for the 2018 ATCE
- Development of 40 sessions
- Developed a review process of special session request. No longer first come first serve of submission, but must be reviewed and accepted or rejected by the program committee
- Quality of proposals accepted provided an acceptance rate of 15% compared to 17% last year. This made the overall average rating a 4.12 %
- Withdrawal percentage increased from 13% to 17% of the technical program. Issues such as:
 1. Current workload too heavy
 2. No longer with employer
 3. Unable to meet deadline
- Increased emphasis on communication prompted by periodic emails to committee members by the Program Chair (these were in addition to the normal communications by the event specialist)

Forum Series Coordinating Committee

Committee Chair: Chet Ozgen

About the Committee

The Forum Series Coordinating Committee (FSCC) comprises five members. Terms for the chairperson and for committee members are three years, and are subject to renewal. Committee members include the chairpersons of the Forum Series Implementation Committees (FSICs) and at-large representatives. The at-large representatives should have experience in Forum Series programs. The committee is responsible for oversight of the SPE Forum Series program, including the planning and conduct of forums, under policies and guidelines approved by the SPE Board of Directors. The FSICs are subcommittees of the FSCC standing committee.

Committee Activities and Accomplishments (October 2017 to September 2018)

With the downturn in the O&G market, the FSCC acknowledges the need for flexibility in some of the traditional forum formats to meet industry needs. To that end, the following projects have been developed and implemented this past year:

- **Shifting from a global to regional organization – for the FSICs | Year 1**
In July 2017, the SPE Board of Directors decided to regionalize the forum governance subcommittee (FSIC) from an Eastern Hemisphere and Western Hemisphere configuration to a regional one. The regions are (1) the Americas, (2) Europe, (3) Asia Pacific and (4) the Middle East. Year 1 of this new configuration has the FSIC-Americas developing and implementing two forums in late 2017 and three forums in the US in 2018. The rebound of the market in the US is reflected in the ability to produce these forums compared to other regions. The formation and operational structure of the new forum committees in Asia Pacific and the Middle East is being developed. Currently, there are not active plans to develop forums in these regions.
- **Continuing to reach the membership with forums in a down market – quality over quantity**
Although we have rebounded with five US forums over the past two years, the FSCC and FSICs in conjunction with SPE staff have been more cautious in implementing forums that are not right for the current market. Currently, we are evaluating possibility of holding appropriate forums in the European market during 2019.

The following is the list of forums that were held within the past 12 months:

Forum Title	Location	Dates	Number of Attendees	Overall CSI Rating
SPE Forum: Waterless Fracturing - Reducing Fresh Water Use for Reservoir Stimulation in a Future Water-Constrained World	San Antonio, Texas, USA	6-9 November 2017	51	88
SPE Forum: Enhanced Oil Recovery in Unconventional Reservoirs	San Antonio, Texas, USA	6-10 November 2017	87	84.8
SPE Forum: Drilling and Completion Geomechanics - Integrating Knowledge and Workflows to Maximize Asset Value	Colorado Springs, Colorado, USA	8-13 July 2018	48	87.5
AVERAGE			62	87

Upcoming Forums

SPE Forum: Production in Horizontal Unconventionals	Fort Worth, Texas, USA	5-9 November 2018
SPE Forum: Carbon Capture, Utilization and Sequestration	San Antonio, Texas, USA	27-30 November 2018
SPE Forum: Shaping the Future of Well Plugging and Abandonment	Europe	18-2 March 2019

2017-2018 FSCC

Chet Ozgen	Nitec LLC	Denver, Colorado, U.S.A.	RD&D, M&I	FSCC Chairperson
Paul Francis	Fenten	London UK	D&C, HSSE	FSIC-Europe Chairperson
Ashley Johnson	Schlumberger Quantum Energy Partners	Cambridge, UK	D&C	FSIC-Europe Vice Chairperson
Basak Kurtoglu	Retired, Baker Hughes	Houston, Texas, U.S.A.	RD&D, P&O	FSIC-Americas Chairperson
Dan Moos		Palo Alto, California, U.S.A	RD&D, D&C	At-large member, Americas

Awards and Recognition Committee

Chairpersons: Dawari Charles

About the Committee

The Awards and Recognition Committee (ARC) is charged with making recommendations to the SPE Board of Directors to ensure a cohesive, comprehensive, fair, and equitable awards program. The ARC advises the Board on aspects of member recognition related to individual international and regional awards. The committee is composed of 16 members who served as immediate past chair of an award selection subcommittee, plus leadership appointed by the incoming SPE president and a regional director. They meet quarterly via teleconference and annually at ATCE.

Committee Activities and Accomplishments (October 2017 to September 2018)

- Received and recommended proposal to establish a Sustainability and Stewardship in the Oil and Gas Industry Award at both the regional and international levels. Proposal was approved by the Board in July 2018 and both the regional and international award will be available beginning with the 2019 award cycle
- Proposed document defining the meaning of technical depth to assist technical and regional directors in identifying members qualified to serve on the major technical award subcommittees
- Composed a letter from the A&RC to Women in Engineering Committee members encouraging them to engage their members in identifying and nominating worthy female candidates for SPE technical awards
- Proposed establishing appreciation program for regional directors who encourage participation by members in their region in the SPE awards program. Levels of recognition to be based on majority of their sections participating in regional nominations, presenting every regional award available in the region, and having candidates from their region in each major international award category

Sixteen international award subcommittees reviewed and selected the best candidates from 636 eligible nominations for a total of 57 international recipients in 21 award categories.

Fifteen regional award selection committees reviewed and selected 184 regional award recipients from 501 eligible candidates in 13 award categories.

Distinguished Lecturer Program Committee

Committee Chair: Willem Van Adrichem

About the Committee

The Distinguished Lecturer (DL) Committee comprises up to 42 members, including one regional member from each of SPE's governance regions. Members are selected using specified criteria to ensure diversity of technical expertise. The committee structure is past chair (ex-officio), chair, vice chair and three sub-committees, with a focus on webinars, company outreach, and nominations. In 2012, a webinar aspect of the DL program was launched to extend the range and scope of the program and to serve more members. The DL webinar program is run by a subset of the committee; with the past chair leading that effort. The webinars had been suspended during 2016 and 2017 because of staff cuts, but restarted in September 2017. Seven DLO webinar presentations were held this year.

The committee seeks lecturers from each of SPE's disciplines. The nomination process has been greatly simplified for the nominator: suggest someone, then the nominee supplies the necessary supporting materials. The nominee must supply:

- A PowerPoint presentation that can be given in 30 minutes
- Two separate letters of recommendation
- An abstract of 250 words in which the question "What is the one idea you would like the members to take away from this lecture?" is answered
- A biography of 100 words

Committee members spend a significant amount of time with potential lecturers, preparing them and their presentation for the selection process and section visits, if selected. The committee meets three times per year in person, typically once around May and twice in September/October.

The core DL program and the DL webinar program are primarily funded by the SPE Foundation. The current schedule and archives of DL webinars are available on spe.org.

Committee Activities and Accomplishments: (October 2017 to September 2018)

Typically, two meetings are held (one in North American and one in Europe) in order to involve all committee members. This year's Europe meeting location was sponsored by a committee member's company.

2018–19 Lecture Season Highlights

- Forty-nine potential lecturers identified, 32 DLs selected, representing 11 countries
- Technical discipline breakdown of topics as follows for selected DLs:
 - Drilling: 5
 - Completions: 5
 - Reservoir: 7
 - Production & Operations: 7
 - Health, Safety and Environment: 3
 - Management & Information: 3
 - Projects, Facilities & Construction: 2
- Section visits: 575 scheduled lectures

2019-20 Lecture Season Highlights

- Ninety-one nominations completed, 52 potential lecturers identified
- Approximately 30-35 Distinguished Lecturers will be selected at the meeting in September after ATCE and will be divided among the seven disciplines

Education and Accreditation Committee

Committee Chair: Phil Schenewerk

About the Committee

SPE is a member society of the Accreditation Board of Engineering and Training (ABET). Members of the committee represent the society in ABET matters. The committee assesses the curriculum of petroleum engineering university departments and makes recommendations to ensure curriculum is consistent with the needs of the petroleum engineering industry. The committee assists ABET in recruiting, training, and assigning petroleum engineering program evaluators (PEVs) for university accreditation visits.

The committee comprises 12 members, with a balance of six industry professionals and six academicians in the committee composition. The chair position is rotated between academia and industry each year. The composition of the committee is more geographically diverse compared to prior years.

Committee Activities and Accomplishments (October 2017 to September 2018)

- SPE petroleum program evaluators (PEVs) have been assigned for the 2018 third-quarter accreditation visits.
- The committee's PEVs will participate in five visits outside North America, due to ABET providing international university accreditation.
- SPE has added three trained PEVs to the pool for future university visits. Two Middle East members completed PEV training, with one scheduled for 2019.

Engineering Professionalism Committee

Committee Chair: Byron Haynes

About the Committee

The Engineering Professionalism Committee is responsible for the integration of professional activities and practices, including the further development, future updating, and society-wide awareness of the Petroleum Engineering Skills Matrix and the database of worldwide credentialing practices. The committee is responsible for oversight of the US Engineering Registration and SPE Petroleum Engineering Certification Subcommittees.

The Engineering Professionalism Committee comprises up to 12 members. The committee is geographically diverse to ensure global input on professional practices.

Committee Activities and Accomplishments (October 2017 to September 2018)

- The committee's online Certification and PE Exam Review Course was launched in September 2015. In the FY18, the course brought in over USD33,000 in registration income. The online course will be revised in September to reflect exam specifications changes.
- The SPE Certification Computer-Based Testing (CBT) exam and delivery system was completed in January 2014. With over 900 exam centers globally, more than 240 members have registered for the CBT option (compared to 180 registrations the prior reporting period). The registrations are geographically diverse with exam participants from Nigeria, India, United Kingdom, Denmark, United Arab Emirates, Saudi Arabia, Iraq, Canada, China, and South Sudan.
- The Shell Advanced Training Program (SATP) designated the SPE Certification exam as the exit exam to graduate from their program in 2016. Over 100 SATP engineers have registered for the CBT exam.
- SPE conducted 142 exams at the Saudi Aramco Upstream Petroleum Development Center (UPDC). UPDC indicated that the target goal for 2019 will be 180 exams. IATMI (Indonesia) conducted 38 exams as part of our joint certification program.
- The Engineering Professionalism Committee will be involved with negotiation of a new Memorandum of Understanding with the National Council of Examiners of Engineers & Surveyors (NCEES). Currently, SPE writes the petroleum PE license exam that NCEES provides to the various state boards. NCEES will assume a greater role in directly supporting the US Engineering Registration Subcommittee (pending SPE Board approval).
- The US Engineering Registration Subcommittee has completed the process of converting the PE license exam to computer based testing for NCEES. This version will be ready for the 2019 exam administration. This subcommittee is also preparing the reference for the CBT exam by revising and upgrading the *SPE Petroleum Engineering Certification and PE License Exam Reference Guide*.

Membership Committee

Chair: Libby Einhorn

About the Committee:

The Membership Committee periodically reviews the membership structure, requirements, and dues and recommends any revisions for consideration by the SPE Board. The committee also recommends initiatives relating to recruitment, retention, and recognition of volunteers for consideration by the SPE Board. The committee recommends programs which support SPE section and chapter operations with the exception of the Distinguished Lecturer Program implementation and regional and international awards. The committee selects recipients of awards recognizing section and chapter excellence. The committee is composed of 16 members and a chairperson. Efforts are made to include representatives from various SPE regions.

The Membership Committee has one official subcommittee. The purpose of the Senior Professional Subcommittee is to effectively integrate and engage senior professionals (age 55+) within SPE throughout their late career stages and into retirement. The subcommittee is led by a chair who is also a voting member of the committee.

Committee Activities and Accomplishments (October 2017 thru September 2018):

The Membership Committee was asked by the Board to review a report that was completed by a Distinguished Lecturer workgroup in 2017. It included opportunities for improvement in several areas. The committee was asked to review items pertaining to section responsibilities related to the program. Although the committee determined that no major changes are necessary at the section level, it was determined that it would be most beneficial to focus on enhancing section leadership education and training. The committee is in the process of developing a webinar and accompanying documents for section officers to provide information and best practices for the selection and hosting of lecturers. There have also been some initial discussions on the next task the Board has asked the committee to undertake. This relates to a review and potential recommendations on the Gold Standard and Presidential Award for Section Excellence.

The Senior Professionals Subcommittee has focused on launching the Senior Professionals Community on SPE Connect and identifying potential topics for a webinar that would be of interest to this segment of the membership.

Business Management and Leadership Committee

Committee Chair: Kamel Ben Naceur

About the Committee

The committee is charged with identifying gaps between the nontechnical skills that members need and those currently provided by SPE, and making recommendations to fill these gaps. The committee's recommendations should leverage existing committee structures and programs, where possible.

The Business Management and Leadership Committee comprises up to 12 members.

Committee Activities and Accomplishments (October 2017 to September 2018)

- For the sixth year, the committee will conduct two workshop sessions at ATCE 2018 in Dallas.
- The Committee has organized an ATCE 2018 Special Panel Session called *Critical Skills for a Successful Career* featuring leaders from industry and academia.
- Twenty four soft skills presentations have been conducted through webinars since September 2016, with six scheduled between August 2018 and January 2019 timeframe.
- Committee members have collaborated on a *Journal of Petroleum Technology*[®] (*JPT*) article for the last five years. The next article will be in the September 2018 *JPT*.

Women in Energy Committee

Committee Chair: Nihal Mounir

About the Committee

SPE Women in Energy (WIN) promotes gender diversity in E&P and creates opportunities for women to enable them to step into leadership roles and pursue their career goals.

Goals:

- Attract women into STEM
- Create/market women's programs in SPE
- Promote women leadership in SPE
- Connect women in technical/leadership positions
- Promote diversity across the industry

Committee Activities and Accomplishments (October 2017 to September 2018)

- Conducted successful special session at ATCE 2017. Format was roundtable discussion on six topics including: how to speak like a boss, strong presentation skills, technical or managerial track, taking charge of your career and financial acumen, emotional intelligence can make or break your career. The ATCE 2018 event was planned
- Committee is planning networking/collaborations with Society of Women Engineers globally
- Committee now has representatives in Malaysia, Egypt, Nigeria, Qatar, UAE, KSA, US, UK, Iraq, Bahrain, Australia and Netherlands
- Sharing/promoting two webinars that pertain to women's issues. Webinars were done in collaboration with the business leadership committee
- Created poll to gain information on women who would be good conference speakers and who should be nominated for awards. Survey was distributed via SPE's regular section leader emails
- Collaborated with YMEC to encourage more female nominations to the Spotlight on YPs and ELA
- Platform created to document all the WIN events globally to share best practices among SPE members worldwide

Young Member Engagement Committee

Committee Chair: Maxim Kotenev

About the Committee

The Young Member Engagement Committee is responsible for developing and implementing programs and activities directed towards young members aiming to develop technical and leadership skills.

Areas of focus include:

- Aiding the transition from student to young professional
- Ensuring young member programs have a continuous improvement strategy in place
- Facilitating technical knowledge sharing among young members by utilizing and improving the various communication methods available
- Improving industry image
- Encouraging networking between YPs and industry to attract young people to the industry

Committee Activities and Accomplishments (October 2017 to September 2018)

Enrollment Survey 2018

Two surveys were sent out which have resulted in a comprehensive global review of how academia has been affected, and is responding to, industry changes. By exploring the responses from students and faculty, YMEC has been able to track global trends in PE degree enrollment. Based on these results, new programs are being developed that address the concerns of our members.

Spotlight on YPs

The collaboration between YMEC and TWA continues to grow through this initiative. The program has now received over 100 recommendations of YPs submitted and 13 articles published. This year has also seen a more streamlined relationship with the social media team, who has shared the 'Spotlight' articles when published.

Development of online content

This year YMEC is supporting two additional YP webinars, but it is also working on shorter videos that introduce specific roles within the industry and what to expect. YMEC aims to build a catalogue of videos as a permanent resource for young members.

Development of the Virtual Career Pathways Program

Progress is underway to develop an online version of our Career Pathways Program. This aims to give the same benefits as a physical event, sharing knowledge and experience to help young members better determine their career paths.

Volunteer engagement

YMEC continues to recruit the majority of its volunteers through the SPE volunteer portal. This year 11 opportunities and over 100 volunteers were successfully recruited for YMEC programs plus many more engaged with through this resource.

Student Programs

The PetroBowl Championship and the student paper contests continue to be run and updated under the guidance of YMEC. Regional directors have successfully hosted PetroBowl regional qualifiers for the second year and all regions have submitted the maximum number of teams.

Book Development Committee

Committee Chair: James Gilman

About the Committee

The Book Development Committee provides expert review and approves recommendation/proposals for new book projects while working to ensure adequate coverage of all technical topics. This group also helps to identify and solicit appropriate reviewers for new titles and may work with the author(s) to see the project through the development process (committee members may also serve as steering editors on various projects as needed).

The committee comprises 12 members, including the chairperson, with representation from each of the six technical disciplines, as well as representation from both industry and academia.

Committee Activities and Accomplishments (October 2017 to September 2018)

Recently Published Titles

- *Chemical and Mechanic Methods of Pipeline Integrity* (Author: Wayne Franier) –Published January 2018
- *Fluid Flow and Heat Transfer in Wellbores (2nd edition)* (Authors: Shah Kabir, Rashid Hasan)— Published March 2018
- *Enhanced Oil Recovery, second edition* (Authors: Paul Willhite, University of Kansas; Don Green, University of Kansas)— published in the January 2018
- *Unconventional Gas Exploitation* (Editor: Roberto Aguilera, University of Calgary)— Published July 2018

Titles Currently in Production

- *Recent Advanced in Hydraulic Fracturing* (Editor: Jennifer Miskimins) – Projected Publication: Spring 2019
- *Analysis of Oil and Gas Production* (Authors: Stephen Poston, Bobby Poe, Marcelo Lapea-Bigott) – Projected Publication: Spring 2019

The Book Development Committee continues to approve and develop new book titles on a regular basis, as well as evaluate existing titles in need of updates. The committee has continued its efforts to develop a list of book topics that would be of interest to the industry and SPE readership. Committee members are also working to identify and contact potential authors to encourage submission of new proposals, but it is a challenge to find authors who are qualified and willing to devote their time to writing a book.

Editorial Review Committee

Editor in Chief: Russell Johns

About the Committee

The committee comprises the editor-in-chief and six executive editors who manage the review process for each of SPE's peer-reviewed journals (*SPE Drilling & Completion*, *SPE Journal*, *SPE Production & Operations*, and *SPE Reservoir Evaluation & Engineering*). The committee oversees the content and direction of the journals, which includes attracting high-quality manuscripts to the journals, setting the review criteria used to evaluate papers, and granting final approval on papers that will be published in each journal. Each executive editor has a flexible number of associate editors, who manage the review of papers in their respective areas of expertise. Reviewers, who are technical experts in their fields, provide detailed technical reviews and submit comments and recommendations (to accept, revise, or decline papers) to an associate editor.

Committee Activities and Accomplishments (October 2017 to September 2018)

The committee continued its commitment to process papers through the peer-review system in a timely and responsive manner. It remains focused to ensure a first decision is back to authors in less than 100 days and strive to lower that number to 60 days. The committee also implemented minor improvements to the peer-review system to provide better feedback to authors and a more user-friendly interface to reviewers. The ERC revised the current guidelines to clarify for authors when rejected papers do, and do not, qualify for appeal. Concerns about the potential for authors to game the star rating system on OnePetro, caused the committee to request, and the SPE Board to approve, the removing the star rating system.

Committee Chair: Syed Ali

About the Committee:

The *Journal of Petroleum Technology*® magazine publishes summaries of SPE technical papers that are divided into 47 separate technical topics—for instance, EOR Modeling, Subsea Systems, Coiled Tubing, etc. As papers are submitted to, and presented at, SPE conferences throughout the year, the papers are sorted into these 47 categories. Once a year, on a rotating schedule, committee members then review these categorized SPE conference papers and select the best ones for publication. Direct-submission papers can also be considered for publication in *JPT*, although they represent a very small percentage of considered papers. SPE staff then summarizes the selected papers for publication in each issue of *JPT*, with each issue covering three to four of the featured topics.

The committee itself comprises 47 petroleum professionals, each one responsible for one of *JPT*'s technical features. The committee includes a chairperson and 46 additional reviewers. The chairperson works with SPE staff to find experts who are interested in serving on the committee. Terms last three years, and while particularly outstanding reviewers are often asked back for repeat terms, the goal is to replace reviewers regularly as their terms expire in order to encourage involvement of young or new members with a wide range of specialties and geographical locations.

Committee Activities and Accomplishments (October 2017 to September 2018):

The committee has reviewed approximately 3,800 technical papers in the past year. The biannual feedback survey of committee members was continued to learn their preferences and ideas for more efficient management of the review workload and selection process. Replacements, or re-ups for a repeat term (in areas in which existing reviewers had showed great talent or in areas which had few alternative candidates), were found for nine positions whose terms were ending.

In light of recent feedback, many features were retitled to varying degrees, both discarding outdated or unnecessary wording (such as “Applications” or “Technology”) and reflecting the need to accurately represent existing emphases and emerging technologies within the industry. It is imagined that some of these titles may change to reflect industry realities and interests, so we will work carefully with other SPE departments to ensure that marketing and sales materials are kept current with any retitling that may take place throughout the year. Furthermore, a number of features were rescheduled so that they follow their most closely associated SPE meeting by a month or two, thereby allowing reviewers to see the most recent abstracts in their topic.