# 2023 Annual Report for SPE Standing Committees

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# **Membership & Engagement**

### **Awards and Recognition Committee**

Committee Chair: Leslie Hajdo

### **About the Committee:**

The Awards and Recognition Committee (ARC) is charged with making recommendations to the Board to ensure a cohesive, comprehensive, fair, and equitable awards program. The ARC advises the Board on aspects of individual member recognition related to international and regional awards. The committee is composed of 18 members including immediate past chairs of the international award selection subcommittees, leads who are appointed by the incoming SPE president, and a regional director. The committee meets as necessary via teleconference and annually during ATCE when needed.

### Committee Activities and Accomplishments (October 2022 to September 2023)

- Reviewed and revised international award rules verbiage to include precise language to convey the duration of time a board member or award committee member must wait prior to consideration for an international award.
- Discussed the need for a revision of processes currently used to determine the number of Distinguished Members to be awarded each year. Given our current formula, the allotted number could soon drop below zero. The proposed revision will be brought forth to the board of directors for approval.
- Completed second award cycle using weighted criteria to guide subcommittee evaluations consistently across all technical awards making the selection process more effective and efficient.
- Introduced a new and highly efficient "Award Recipient Portal," exclusively designed for international award recipients. This platform serves as a centralized resource, which allows recipients to access all pertinent information essential for their preparation leading up to the ATCE awards banquet.
- Introduced a new "Awards Committee Judge Portal" which is designed to provide a centralized location for committee members to easily access items and information needed throughout the judging process.
- Worked diligently to redesign the Awards pages found on SPE.org which now provide streamlined and comprehensive details regarding awards offered, the nomination process, program details and tips and best practices.
- Revised landing pages and content in our newly released nomination platform. We used member feedback from the 2023 award cycle to make improvements, enhance visuals, page layouts, and streamline processes.
- International award subcommittees reviewed and recommended best candidates from 503 eligible nominations, (up from 321 in 2022), for a total of 36 international recipients over 23 award categories.
- Regional award selection committees reviewed and recommended best candidates from 439 (up from 326 in 2022)
  eligible nominations for a total of 153 award recipients over 15 award categories (including the Corporate Service
  Award).

### **Distinguished Lecturer Program Committee**

Committee Chair: Mark Wolf

### **About the Committee**

The Distinguished Lecturer (DL) Committee comprises up to 49 members, including 15 regional members. Members are selected using specified criteria to ensure diversity of technical expertise. The committee structure is a past chair (exofficio), chair, vice-chair, and two sub-committees, with a focus on company outreach and nominations.

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 in May after OTC and twice in September/October. This year, the May 2023 meeting was held in person in Houston with a virtual option. A selection meeting was held in person in Perth, Western Australia in August 2023 and another will be held in San Antonio, Texas, USA in October after ATCE.

### Committee Activities and Accomplishments: (October 2022 to September 2023)

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

- A PowerPoint presentation that can be given in 30 minutes (PDF version as well)
- 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
- An optional YouTube video of them giving their presentation.

Because of budget limitations, sections were scheduled to receive one in-person DL this year and two virtual DL events. SPE LIVE events are open to everyone, and one DL was held each month. At the end of the season, DL presentation recordings and DL slide presentations will be posted for all members in the archives and can be viewed in the SPE Energy Stream.

### 2023–24 Lecture Season Highlights

- There were 39 potential lecturers identified, 22 DLs selected with 6 DLs from the previous covid season asked to repeat (many potential lecturers did not meet DL standards), representing 10 countries
- Technical discipline breakdown of topics as follows for selected DLs:
  - o Drilling: 6
  - o Completions: 2
  - DSEA: 3
  - o Reservoir: 8
  - o Production & Operations: 3
  - Health, Safety, Sustainability and Environment: 3
  - Management: 2
  - Projects, Facilities & Construction: 1

Section visits: 301 scheduled DL visits. In addition, the top 10 section selected DLs will be doing a DL SPE LIVE event, one per month during the season.

### 2024-25 Lecture Season Highlights

- There were 173 nominations completed and 57 potential lecturers were identified.
- Approximately 30-35 Distinguished Lecturers will be selected at the two in-person presentation review meetings and will be divided among the eight disciplines.

### **SPE Diversity and Inclusion Committee**

Committee Chair: Patricia E. Carreras

### **About the Committee:**

The Diversity & Inclusion (D&I) Committee's vision is to advance the Society's commitment to diversity and inclusion within the oil and gas community through collaboration and education. The D&I Committee's main objective is to foster productive relationships with the SPE membership, including local sections and chapters, ensuring to uphold local cultural and societal context.

### Committee Activities and Accomplishments (October 2022 to September 2023):

- Document guidelines to pass on to future committee members. Established a horizontal organization in which team members took the responsibility to lead during a six-month period. In this way, all committee members had the opportunity to polish their leadership, communication, and planning skills.
- Committee chair served as liaison to continue collaboration with the SPE B&L committee.
- Committee developed and launched the 2023 SPE D&I survey. The analysis of the results is in progress as of September 2023.
- Committee members hosted town halls in January, April and August 2023 for sections and chapters from around the globe to showcase their activities and encourage engagement to D&I at the local level.
- Committee hosted the panels "Thriving in a Multi-Generational Workforce During the Energy Transition" on February 24th and "Integrating Energy Companies and the Communities where they Operate" on August 10th. The events were organized by the D&I committee. An article related to the latter to be published at JPT and TWA in September 2023.
- Committee chair was a panelist for the SPE Warri section panel "Breaking Barriers Creating Opportunities for Women in Science: a pathway to promoting gender equality for women in the industry" on Feb 14<sup>th</sup>, 2023.
- The webinar "Conquer Impostor Syndrome to Advance Your Career", organized by the D&I Committee, was hosted by a committee member on July 28<sup>th</sup>, 2023.
- Increased visibility of D&I social media channels by posting regularly inspiring D&I topics and promoting D&I events. In addition to the more than 3,500 followers on LinkedIn, the committee continued with its presence on Twitter, Facebook, Instagram, SPE Connect D&I webpage and SPE Connect B&L Forum.
- Committee chair met with the D&I Committee of the Bagdad section. As a result of this engagement, the Bagdad section presented in the August townhall for the first time.
- Committee continued the initiative of the "Diversity & Inclusion Champion of the Year Award". The selection of the section and student chapter winners is in progress as of September 2023.
- The special session "D&I in education from school to university", organized by the D&I Committee, will be held at the 2023 ATCE with the participation of professors from around the globe.
- Committee chair participated in the SPE Young Professionals Virtual Career Pathways fair in April 2023.
- Committee chair suggested speakers for the events organized by the Young Members Engagement Committee (YMEC).
- Committee chair discussed collaboration with the United Nations Economic Commission for Europe Expert Group on Reserves Management (UNECE EGRM) Women's Group. This discussion is in progress as of September 2023.

### **Education and Accreditation Committee**

Committee Chair: Arash Dahi Taleghani

#### **About the Committee**

The Education and Accreditation Committee assesses the curriculum of petroleum engineering degree programs and makes recommendations so they are consistent with the needs of the petroleum industry, advises the SPE Board on matters pertaining to petroleum engineering education, implements and monitors policies and programs concerning petroleum engineering faculty, and works with other engineering and scientific organizations to address the issues of quality and supply of engineering faculty and students.

Members of the committee represent the Society in ABET-related (accreditation) matters and assists ABET in recruiting and assigning petroleum engineering program evaluators (PEVs) for accreditation visits.

The committee comprises up to 14 members, with a balance of industry professionals and academicians. The chair position is rotated every two years.

### Committee Activities and Accomplishments (October 2022 to September 2023)

- Conducted faculty survey to assess the perceptions and impacts of the energy transition on petroleum
  engineering education and academic research. The survey also assessed petroleum engineering faculty moral
  and needs. The results from the survey will be presented at ATCE 2023 and is also part of conference
  proceedings.
- Trained and approved three candidates to perform petroleum engineering degree accreditation visits for ABET.
- Assigned nine programs for evaluation: seven in the US in Petroleum Engineering and two are located internationally in Petroleum Engineering Technology.

### **Engineering Professionalism Committee**

Committee Chair: James Funk

### **About the Committee**

The Engineering Professionalism Committee is responsible for the integration of professional activities and practices, including the development, updating, and society-wide awareness of the Petroleum Engineering Skills Matrix. The committee is also responsible for the oversight of the SPE Petroleum Engineering Certification Exam.

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 2022 to September 2023)

- Reviewed and recommended no change from the current alignment of SPE certification exam topics with the Petroleum Engineering Skills Matrix.
- Established procedures, standardized item evaluation sequence, and continued work on updating the certification exam question bank.
- Initiated discussions with NCEES on the feasibility of a Fundamentals of Engineering (FE) Exam specific to Petroleum or Energy Engineering initially modeled with topics currently used in the SPE certification exam.
- Recruited and added SPEC and PE members as item writers for certification exam items.
- Reviewed and discussed continuing education processes and requirements to maintain SPE Certification.
- Certification Exam Statistics:
  - o Certified 44 engineers as part of Shell's Advanced Training Program.
  - Conducted three certification exams at the Saudi Aramco Upstream Petroleum Development Center and certified a total of 158 engineers.
  - Seven members registered independently and passed the certification exam.
  - Renewed the SPE Certification for 1,219 members.

### **Membership Committee**

Committee Chair: Dallas Graham

### **About the Committee:**

The Membership Committee periodically reviews the membership structure, requirements, and dues, and recommends any revisions for consideration by the Board. The committee also recommends programs that support SPE section and student chapter operations with the exception of the Distinguished Lecturer Program implementation. The committee is composed of 14 members and a chairperson. Efforts are made to include representation from the SPE regions.

### Committee Activities (October 2022 to September 2023):

### **Membership Demographic Trends**

The committee reviewed and discussed membership data comparing 2022 year-end to the prior years.

### **Membership Development and Engagement Initiatives**

The committee reviewed the campaigns for member acquisition, engagement, and retention. This includes a mixture of email communications, web advertising, social media, and print collateral used to promote the value of membership through knowledge sharing, networking, and training. The committee discussed ideas and provided input on how to expand the membership.

### **Patron Program**

The committee reviewed the components of the Patron Program, the new recruitment program that runs alongside the Recruitment Awards Program. Members can earn points through both programs for qualified referrals with milestone awards until a member reaches Century Club status. Patron Program credits only start at the conception of the program and do not date back over a member's recruiting history. Members are able to review referral credits for both programs in their profiles.

### **Young Member Engagement Committee**

### Committee Chair: Cassandra Dewan

### **About the Committee**

The Young Member Engagement Committee (YMEC) is responsible for developing and implementing programs and activities directed towards young members, students and young professionals (YPs), aiming to develop technical and leadership skills. The 2023 term is YMEC's final year before splitting into two separate committees serving student and YP members.

### Areas of focus include:

- Aiding the transition from student to YP
- 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 2022 to September 2023)

Thanks to the historical success of SPE Student and YP programs, increased stability in the market, and a strong need to encourage young people to join the industry, significant progress has been made this year in collaborating with external companies to support Student and YP events. Thanks to ongoing support from Chevron, in addition to new sponsorships from ExxonMobil, Oxy, and Aramco, many program costs have been covered, providing better engagement between young members and industry but also reducing the financial impact of membership activities for SPE. This approach involved adopting a wider strategic view of young member activities, working more closely with events teams, and continually evaluating program efficiency.

### Young Member Engagement Committee to become two committees

At the end of this term, YMEC will split into two new groups, the Young Professional Committee (YPC), and the Student Development Committee (SDC). Two new committee rosters have been created to ensure more efforts can be put into these demographics without limiting any individual programs. Approaches have already put in place to ensure that both committees closely collaborate for continued progress.

### • 5<sup>th</sup> Virtual Career Pathways Fair (VCPF)

In addition to increasing content and participation (3,000 users) of this year's Virtual Career Pathways Fair, the 2023 edition was the first year that industry support was secured for the event. All platform costs associated with hosting this event were covered by Chevron Sponsorship (\$12,000). Industry support also means we were able to provide more direct links between young members and industry, which has been an area of focus for YMEC.

### PetroBowl:

Six out of eight Regional Qualifiers were hosted as in-person events this year, indicating a strong desire to return to in-person events. SPE software was used to host one regional competition and will also be utilized for the Championship Competition this year. New SPEI generated application forms were used in five of eight contests and picked up multiple cases of ineligible players. The Championship has also secured \$29,500 USD in sponsorship which covers most program costs aside from staff time.

### • ATCE Future Talent Zone:

At ATCE 2022, the Future Talent Zone was trialed, which created a dedicated space at ATCE for student and YP events while reducing the AV requirements of rooms through flexible use of the dedicated space. This also allowed for the creation of additional networking spaces for young members. The success of this approach in 2022 has resulted in companies sponsoring \$17,000 USD towards this area for 2023.

### • Student Paper Contest:

A request to remove the need for full technical papers at the regional level was approved by the Board of Directors. In 2023, regional applications have been on the rise compared to Covid years, and this change is intended to make participation easier and further increase participation.

### Communication:

- LinkedIn engagement has risen by over 1,400 additional participants since the 2022 report, now 4,927 followers. This community will be shared by SDC and YPC going forward to ensure continued progress.
- 48 YP Chairs have joined the YP Chair WhatsApp group to further help facilitation of event management.
- Through the Emerging Leaders Alliance and YP Summit, YMEC continues to work closely with many external committee groups, as well as with other SPE groups, including regional D&I groups, sections, and Beyond the Borders.

# **Technical Content**

### **2022** Annual Technical Conference and Exhibition (ATCE) Program Committee

Committee Chair: Joe Shine

### **About the Committee**

The 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, seven specialty coordinators, and sixteen subcommittees.

The conduct and leadership over the committee is held by the program chairperson. The program vice chairperson is in attendance for all functions and is 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 twenty members. The subcommittees are monitored and aided by the event specialist.

The Program Committee Structure for 2023 ATCE is as follows:

# Program Chairperson Program Vice-Chairperson

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

The term of the subcommittee members is one to three years.

### <u>Committee Activities and Accomplishments</u> (October 2022 to September 2023)

- All selected proposals were rated 4.0 and above by the committees building very strong sessions for the program.
- All selected special sessions were rated 3.5 or higher by the committees....
- Reduced the number of technical sessions from 60 to 46 to obtain high-quality technical sessions.
- Successful solicitation of over 1,700 paper proposals for 2023 ATCE.
  - Over 400 papers & ePosters included in the technical program.
- Received 45 Special Session requests and after combining a large number of the submissions together, a total of 11 Special Sessions were accepted by the committee.
- Addressed authors concerns and encouraged to continue publishing and supporting SPE.
- Strong leadership by Chair to advocate and implement respective changes to improve the delivery of the conference to the anticipated delegates.

### **Business, Management and Leadership Committee**

**Committee Chair:** James Wimbury

### **About the Committee**

The Business and Leadership Committee (BLC) is charged with identifying member needs related to non- technical skills and making recommendations to the Board to address those needs.

### Areas of focus include:

- Supporting soft skill development of professionals in the oil and gas industry
- Providing training and resources to improve business management
- Develop webinars and articles to promote B&L topics

### Committee Activities and Accomplishments (October 2022 to September 2023):

### • Launch of Leadership Development Training Program

This program had begun development in 2020, and after review of the content provided by IHRDC, it was determined that the Sustainability content was outdated. The B&L has been working with the GAIA Sustainability Program to source speakers that would be able to provide up to date content for members. During 2021 and 2022, this content was in development, and is now uploaded to the SPE System. It is due to launch around ATCE. This platform will provide members a comprehensive tool to develop and update important leadership and management skills.

### JPT Article on Leading and Influencing Without Authority

Jeanne Perdue (Incoming chair) had a lot of success with her B&L article on Leading and Influencing Without Authority which was published in JPT and had a lot of traction on social media channels.

### Boost to Social Media engagement on B&L topics.

B&L has created a new LinkedIn group to showcase content, which is provided in more details via the SPE Connect Business and Leadership Forum. The aim is to raise awareness of useful information, as well as encourage people to see the benefits of SPE Membership. B&L is also aiming to link together with JPT articles to maintain an ongoing awareness of soft skill development.

### • Webinars on Soft Skill Development

Throughout the 2023 term, sessions were conducted exploring "Leading through Change" and "Sustainable Leadership During the Energy Transition". An additional slot is also being planned in order to support the launch of the Leadership Development Program.

### Support of DL Training

B&L has continued supporting the DL program by providing guidance for nominated speakers. This has involved conducting practice sessions with Behrooz Fattahi to support his presentation ahead of formal preparations.

### **Forum Series Coordinating Committee**

Committee Chair: Thomas Major

### **About the Committee**

The Forum Series Coordinating Committee (FSCC) comprises five members. Terms for the chairperson and 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 2022 to October 2023)

The Forum Series continues to be flexible to meet industry needs. The following projects reflect the flexibility and change that occurred this past year:

"De-bundled" the registration fee from housing expense and added a sponsorship option

Based on recommendations from the Technical Content Committee's Forum Series Workgroup, the FSCC and FSIC-Americas implemented the separation of the forum registration fee from the housing expense and added the option of a standard set of sponsorship option to each forum to meet the needs of the forum participants.

• Expanding forum topics, targeting "Energy Transition" themes

The forums have expanded to explore energy transition topics.

- May 2022, the Forum Series delivered a hydrogen-related forum
- November 2023, there will a forum on CCS
- March 2024, there will be a forum on Geothermal
- April 2024, a forum will occur on Methane Emissions
- Adding forum topics in "Artificial Intelligence"

To meet the new interest in the future of artificial intelligence, a forum is being developed for 1Q 2024.

Continuing to reach the membership with forums in a recovering market – quality over quantity

As the industry continues to rebound from the soft market and COVID, the FSCC and FSICs, in conjunction with SPE staff, continue to cautiously implement forums, verifying whether they are right for the current market.

• Recovery of the FSIC-Europe

The FSIC-Europe continues to plan forum topics for 2024 and beyond. This is great news after several lean years for Europe.

### FSIC representation on the various Technical Advisory Committees

While the FSIC has always had representation on key technical advisory committees, in 2023 there has been a renewed effort to populate all the technical advisory committees with FSIC members.

See the members for Americas and Europe FSICs below.

### 2022-2023 FSCC

Thomas Major	TWM Ventures	Houston, TX, USA	Production (P&O)	FSCC Chairperson
			Drilling (D),	
Paul Francis	Fenten LTD	Surrey, UK	Completions (C)	FSIC-Europe Chairperson
	CNR International			FSIC-Europe Vice-
Dave Marshall	UK Ltd	Aberdeen, UK	Production	Chairperson
		The Woodlands, TX,	Production,	
Rick Stanley	Abra Controls	USA	Completions	FSIC-Americas Chairperson
		The Woodlands, TX,	Reservoir (R),	
Claudia Molina	Independent	USA	Production	FSIC-Americas member-at-large
022-2023 FSICs	Americas and Euro	pe		
Rick Stanley	Abra Controls	The Woodlands, TX, USA	<b>P&amp;F*</b> (P&O), <b>C*</b>	FSIC-Americas Chairperson
Adam Block	Ovintiv	Denver, CO, USA	R, <b>DSEA*</b>	FSIC-Americas member
Rajan Chokshi	Accutants	Houston, TX, USA	<b>P&amp;F*</b> (P&O), DSE	A FSIC-Americas member
Jairo Corredor	Independent	Edmond, OK, USA	R, P&O	FSIC-Americas member
David Daniel	Phaeton Energy Consulting LLC	College Station, TX, U	SA P&O, <b>HSES*</b>	FSIC-Americas member
Tuba				FSIC-Americas member
Firincioglu	Nitec LLC	Denver, CO, USA	R*	
Matt Isbell	Hess	Houston, TX, USA	<b>D*</b> , C	FSIC-Americas member
Thomas Major	TWM Ventures	Houston, TX, USA	P&O	FSIC-Americas member
James Meek	Vital Energy	Tulsa, OK, USA	P&O, R	FSIC-Americas member
Claudia Molina	Independent	The Woodlands, TX, U	JSA <b>R*</b> , P&O	FSIC-Americas member
Amit Singh	Chevron	Houston, TX, USA	<b>C</b> *, P&O	FSIC-Americas member
Paul Francis	Fenten LTD	Surrey, UK	D, C	FSIC-Europe Chairperson
Abdulqawi Al- Fakih	SLB	Surrey, UK	D, M	FSIC-Europe member
Mark Bentley	TRACS International	Tenby, UK	R, DSEA	FSIC-Europe member
		Aberdeen, UK		FSIC-Europe member
Sarah de Boer	Equinor		С	•
	CNR International	Aberdeen, UK		FSIC-Europe Vice-
Dave Marshall	UK Ltd	,	P&O	Chairperson
		London, UK		·
Dave Marshall	UK Ltd	London, UK	P&O D, M	Chairperson FSIC-Europe member

Kate Minyaeva	Shell			
	Equinor and			FSIC-Europe member
Phil Ringrose	NTNU	Trondheim, Norway	R	

<sup>\*</sup> notes FSIC representation on a Technical Advisory Committee

### **Upcoming SPE Forums**

The following forums were/are being developed for 2023 and 2024.

Forum Title	Location	Dates
** SPE Forum: Evolution of Smart Business Workflows for Well Construction	Galveston, Texas, USA	24 – 27 April 2023
SPE Forum: Addressing Today's Technical Challenges to Commercialize Future Carbon Transport and Sequestration Projects	New Orleans, LA, USA	6 – 9 November 2023
SPE Forum: Reducing the Impact of Casing Deformations in Multi-fractured Horizontal Wells	Galveston, Texas, USA	4 – 7 December 2023

Forum Title	Location	Dates
SPE Forum: Artificial Intelligence in Upstream E&P 2030	TBD, USA	1Q 2024
SPE Forum: Geothermal - Pushing the Envelope	Vienna, Austria	March 2024
SPE Forum: Methane Emissions Management for a Sustainable Future	Banff, AB, Canada	22 – 25 April 2024

Cancelled

### **SPE Forums in Development and Forum Ideas**

### **Approved Forums**

Forum Title	Location	Dates	
***FSCC Conditionally Approved: Human and Machine:	Europe	2024	
Working together to create a better well			
***FSCC Conditionally Approved:			
,			
Accelerating emission reductions using Hydrogen and CCS Europe 2024		2024	

<sup>\*\*\*</sup>Pending changes to the abstract and/or assigned forum chairpersons; reevaluated by FSCC when changes are complete

### Forum Topics in Development (not approved by the FSIC or FSCC)

Forum Topic	Location
Digital Drilling and Wells	USA
Decarbonization	USA
Energy Management	USA

### Oil and Gas Reserves Committee

Committee Chair: John Lee

#### **About the Committee:**

The Oil and Gas Reserves Committee (OGRC) is responsible for programs dealing with oil and gas reserves and resources matters, including reserves and resources definitions, terms, recommended practices, and standards. The committee disseminates reserves and resources information to other organizations, agencies, and companies involved in reserves matters, including cooperation with other committees and organizations in the development and delivery of relevant training courses.

The committee currently has a chair, vice-chair, and 16 members who are degreed engineers and geoscientists with 10+ years of experience in reserves and resources estimation. There are also eight observers to the OGRC who represent their respective societies on reserves matters. Currently, observers represent the Society of Petroleum Evaluation Engineers (SPEE), the American Association of Petroleum Geologists (AAPG), the Society for Exploration Geophysicists (SEG), the Society of Petrophysicists and Well Log Analysts (SPWLA), the World Petroleum Council (WPC), the European Association of Geoscientists and Engineers (EAGE), the International Accounting Standards Board (IASB), and the Expert Group on Resource Management (EGRM) of the United Nations Economic Council of Europe.

### Committee Activities and Accomplishments (October 2022 to September 2023)

The committee completed and released the following documents in 2022:

- PRMS Application Guidelines
- Frequently Asked Questions Consolidated list of answers to frequently asked questions
- **Errata** Separate pages issued for PRMS with corrected typographical or editorial errors that were introduced by the publisher during editing

### **Translations**

The committee has commissioned the translation of the 2018 PRMS in Chinese and 2022 PRMS Application Guidelines in Spanish. Translations will be released once they are finalized.

### United Nations Framework Classification of Resources (UNFC) - PRMS Bridging Document

The committee participated in the development of a bridging document between the UNFC 2019 and PRMS 2018. The material was published in early 2023.

PRMS 2018 Update – The committee has started discussions on updating PRMS 2018. Target release date is 2028.

Other Documents – The following materials will be released as they are finalized.

- Reserves Estimation and Auditing Guidelines Target release date is 2024.
- **PRMS AG Errata** Target release date is early 2024.
- PRMS Examples Target release date is 2024.

### **PetroWiki Steering Committee**

Committee Chair: Bob Pearson

### **About the Committee:**

The PetroWiki Steering Committee has the responsibility of guiding the SPE community to further develop and enhance the content in PetroWiki. Its goal is to increase user participation, identify and close topic gaps on the wiki, and propose ways to improve the user experience. The committee may also act as the arbitrator to settle content disputes and editorial discrepancies on PetroWiki if necessary. The committee comprises eight to ten SPE professional members including the chairperson.

### Committee Activities and Accomplishments (October 2022 to September 2023):

- Completed the addition of 863 upstream API Standards into PetroWiki with product descriptions and comprehensive links to related products.
- Introduced AI language guidelines for members interested in utilizing artificial intelligence for content generation, fostering innovation in knowledge curation.
- Facilitated the inclusion of an annual PetroWiki contributions update in the individual technical sections' annual reports.
- Continued to work with technical section work groups with specific content specialties to add new content
  in their respective discipline backgrounds. Encouraged regular meetings of said groups to collaborate on
  topics they want represented in PetroWiki and assigned people to said topics. SPE staff has made itself
  available for live editing and Q&A sessions. Current groups involved include:
  - Hydrogen
  - Sustainable Development/GAIA
    - Responsible Gas Development
  - Data Science Engineering Analytics
  - Geothermal Energy
  - o Artificial Lift & Deliquification
  - Production & Facilities (generalists)
  - Drilling (generalists)
  - Reservoir Surveillance
- Continued the PetroWiki University Partnership Program with two institutions participating this year.
  - The Colorado School of Mines, under the guidance of Professor Dr. Linda Battalora, has piloted a
    project within her Technical Writing class curriculum beginning 30 January 2023 with a focus on
    Sustainability topics. This partnership resulted in the creation of seven new pages on sustainability
    topics.
  - The Institut Teknologi Bandung in Indonesia with a select group of high achieving students guided by Professors Silvya Dewi Rahmawati and Amega Yasutra has put together an extensive page on Production systems and will be wrapping up by the end of September 2023. Prof. Yasutra has shown interest in continuing this project with designated students each year.
- Assessed and validated the functionality of our Excel to Wiki Tool to ensure its reliability. This was tested
  on the API Standards content with success.
- Continued efforts to enhance the PetroWiki platform including the annual software upgrade and the integration of Single Sign-On (SSO) capability.

### **Projects currently in process**

- Creation of a self-led project guide to facilitate future PetroWiki University Partnership Program participants. This initiative aims to empower multiple universities to seamlessly integrate PetroWiki projects into their syllabi with reduced reliance on SPE staff guidance.
- Enhancement considerations:
  - o Implementation of a rewards system that correlates numbers of edits made by individual users with a badge corresponding to established number sets.
  - Development of a Word to Wiki extension that enables contributors to translate Word documents into wiki text for simplified page creation.
  - o Improvements to search bar functionality.
  - Redesign of the landing page, featuring segmented sections to cater to different areas of interest (help, new content, featured content, etc.)