
*2021 Annual Report for
SPE Standing Committees*

Table of Contents

Board Committee on Membership and Engagement	3
Awards and Recognition Committee	4
Distinguished Lecturer Committee	5
Diversity & Inclusion Committee	7
Education & Accreditation Committee	8
Engineering Professionalism Committee	9
Membership Committee	10
Young Member Engagement Committee.....	11
Board Committee on Technical Content	12
ATCE Program Committee.....	13
Books Development Committee	15
Business Management and Leadership Committee.....	16
Forum Series Coordinating Committee	19
Oil & Gas Reserves Committee.....	20
PetroWiki Steering Committee.....	21

Board Committee on Membership & Engagement

Awards and Recognition Committee

Committee Chair: Karen Hagedorn

About the Committee

The Awards and Recognition Committee (ARC) is charged with making recommendations to the Board that 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 who have served as immediate past chair of an international award selection subcommittee, leads who are appointed by the incoming SPE president, and a Regional Director. The committee meets as necessary via teleconference, and annually around ATCE.

Committee Activities and Accomplishments (October 2020 to September 2021)

- Due to concern regarding lack of detail predominant in regional nominations, the Board questioned whether transferring regional nominations to the international pool should be discontinued. The ARC was asked to re-evaluate transfers and recommend changes which were approved by the Board. These changes include requiring CVs, at least one letter of recommendation at both levels, and disqualifying any international nominations that do not meet the minimum standards.
- The ARC developed a set of weighted criteria intended to guide technical award subcommittee evaluations consistently across all technical awards. The criteria were deployed, as a pilot, in the 2021 award selection cycle and feedback was positive.
- International award subcommittees reviewed and recommended the best candidates from 722 eligible nominations for a total of 57 international recipients in 22 award categories.
- Regional award selection committees reviewed and recommended 215 regional award recipients from 744 eligible candidates in 14 award categories.

Distinguished Lecturer Program Committee

Committee Chair: Eric Delamaide

About the Committee

The Distinguished Lecturer (DL) Committee comprises up to 49 members, including 15 regional members from SPE's geographic regions. Members are selected using specified criteria to ensure diversity of technical expertise. The committee structure is a past chair (ex-officio), chair, vice-chair, and three sub-committees, with a focus on webinars, company outreach, and nominations. Because of the COVID 19 travel restrictions and safety, all Distinguished Lecturer (DL) travel was canceled this season. All DL presentations were held virtually in the SPE Zoom platform. 18 DLs did year end webinars which were open to all SPE Professional members and four did year end SPE LIVE events open to everyone. At the end of the season, 18 DL presentation Zoom recordings and 19 DL slide presentations will be posted for all members in the archives.

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
- An optional YouTube video of the presentation

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 May 2021 meeting was held virtually, and there is one hybrid event for selection of DLs planned for November 2021.

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 2020 to September 2021)

Typically, two meetings are held (one in North American and one in Europe) in order to involve all committee members. This year's meeting was held virtually and was attended by 49 potential lecturers and 40+ committee members over three half days.

2021–22 Lecture Season Highlights

- There were 50 potential lecturers identified, 31 DLs selected, representing 10 countries
- Technical discipline breakdown of topics for selected DLs:
 - Drilling: 4
 - Completions: 6
 - DSEA: 2
 - Reservoir: 10
 - Production & Operations: 4
 - Health, Safety, Sustainability and Environment: 3
 - Management: 1
 - Projects, Facilities & Construction: 1
- Section visits: 541 scheduled lectures (virtual only because of COVID safety/restrictions)

2022-23 Lecture Season Highlights

- There were 87 nominations completed, 47 potential lecturers identified
- Approximately 30-35 Distinguished Lecturers will be selected at the meeting in November and will be divided among the eight disciplines

Diversity and Inclusion Committee

Committee Chair: Zahraa Alkalby

About the Committee

Vision: 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 was launched in 2020 (previously the Women in Energy Committee (WIN), established in 2016).

The D&I Committee's main objective is to foster productive relationships between its members and the local sections and chapters to ensure D&I upholds local cultural and societal context.

Mission:

1. Uphold the legacy of Women in Energy Committee which was to promote leadership, representation, and recognition for women within SPE
2. Provide and support platforms whereby members can share their ideas surrounding diversity and inclusion
3. Provide support to local sections and chapters in the creation and maintenance of diversity and inclusion committees
4. Collaborate, support, and advise on topics relating to diversity and inclusion within SPE and external to SPE
5. Promote diversity and inclusion in Science, Technology, Engineering, and Math (STEM)

Committee Activities and Accomplishments (October 2020 to September 2021):

- Held regional townhalls for sections and chapters to educate members on the transition from WIN to D&I
- Established communications with all SPE regions through the creation of a 'D&I regional liaison lead' position. Supported by the Regional Directors, these volunteers encourage activities and events reflecting the D&I Committee's mission and vision at a regional level
- Restructured the committee and established sub-committee guidelines to ensure the capture of all information and education to pass on to future committee members
- Established communications for ongoing collaborations with other SPE committees and workgroups such as GAIA, YMEC, BML and E&AC
- Produced short videos for inclusion in the SPE App 'Energy Nuggets' series
- Executed programming for the in person 2021 ATCE Special session titled "How to Successfully Leverage D&I to Increase Professional and Organization Effectiveness"
- Hosted quarterly virtual meetings to allow sections and chapters to showcase their activities and encourage engagement at the local level
- Researched and prepared a strategy for partnering with other likeminded organizations
- Increased visibility of D&I social media accounts reinforcing messaging about our goals and ongoing events through weekly posts. In addition to 1900 followers on LinkedIn, the committee now has a presence on Twitter and Instagram. A YouTube channel is in development for video archiving.
- Developing a webpage focused exclusively on D&I activities on spe.org
- Participated in an 'SPE Live' session entitled "[Choose To Challenge](#): SPE Live Discussion on Gender Equality"
- Hosted a virtual panel session broadcast across all social media channels entitled "D&I in the Oil and Gas Industry - What has changed in the last 20 years?"

Education and Accreditation Committee

Committee Chair: Mashhad Fahs

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 assist 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 in the committee composition. The chair position is rotated between academia and industry every two years.

Committee Activities and Accomplishments (October 2020 to September 2021)

- Contributed to the Competency Matrix revision.
- Launched plans for an Academic Colloquium in August 2021 in collaboration with the Petroleum Engineering Department Heads Association (PEDHA). The event will be organized by SPE.
- Trained and approved seven candidates to perform petroleum engineering degree accreditation visits for ABET.
- Assigned twelve PEVs for site visits to evaluate the programs.

Engineering Professionalism Committee

Committee Chair: Ayasha Nickle

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 and the database of worldwide credentialing practices. The committee is responsible for oversight of the SPE Petroleum Engineering Certification Exam.

The Engineering Professionalism Committee comprises up to 15 members. The committee is geographically diverse to ensure global input on professional practices.

Committee Activities and Accomplishments (October 2020 to September 2021)

- The committee completed the review of the SPE competency matrix which incorporated feedback from the Technical Directors, the Education and Accreditation Committee, and the Petroleum Engineering Department Heads Association.
- Certification Exam Statistics
 - Thirteen engineers registered and nine completed the SPE Certification exam as part of Shell's Advanced Training Program.
 - SPE conducted five certification exams at the Saudi Aramco Upstream Petroleum Development Center and certified a total of 163 engineers.
 - Ten members registered independently and passed the certification exam.
 - Seven members renewed their SPE Certification.

Membership Committee

Committee Chair: Roman Bulgachev

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 18 members and a chairperson. Efforts are made to include representation from the SPE regions.

The Membership Committee has one subcommittee. The purpose of the Senior Professionals 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 2020 thru September 2021):

Section and Student Chapter Awards

The committee reviewed the section and student chapter awards programs to evaluate the type and number of awards presented. With minor adjustments to the rating system and guidelines currently in place for governing the programs, the committee sought to allow more eligible sections and student chapters the opportunity to be recognized for an award. The following recommendations were approved by the Board:

- Change the names of the awards to Presidential Awards for Outstanding Section/Student Chapter and Award for Section/Student Chapter Excellence
- Reduce the percentage of eligibility for the Presidential Award to make the recognition more prestigious
- Increase the percentage of eligibility for the Section/Student Chapter Excellence Awards to allow more groups the opportunity of being recognized
- Guidelines to allow for additional recognition of sections and chapters on the regional level to be determined by the Regional Directors

Section and Student Chapter Rebate Program

The committee was asked to review the section and student chapter rebate program to determine whether revisions were needed. After an initial recommendation, the committee was asked to review again taking into account comments from the Board discussion. The committee is now recommending the following adjustments to the Board:

- The rebate program should continue using the same formulas to allocate rebates for sections and student chapters
- The student chapter liaison officer would review and submit applications on behalf of student chapters
- Sections would distribute funds to student chapters to ensure accountability and collaboration
- Student chapters would be required to report on the use of funding

Sunset Subcommittee

The members of the subcommittee determined the group's previous objectives focused on keeping members in the later part of their career and retired members actively engaged were sufficient. They asked to be sunset as they felt the Membership Committee could address issues of importance to this group as they arose without the need for an ongoing subcommittee.

Young Member Engagement Committee

Committee Chair: Rodrigo Rueda Terrazas

About the Committee

The Young Member Engagement Committee (YMEC) is responsible for developing and implementing programs and activities directed towards young members with the aim of developing technical and leadership skills.

Areas of focus include:

- Aiding the transition from student to young professional (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 2020 to September 2021)

Virtual Career Pathways Fair

In April 2021, YMEC hosted SPE's third Virtual Career Pathways Fair. Following on the success of the first and second virtual exhibition and conference event, improvements were made across all areas. Participation figures and global reach surpassed 2020's event with a total of 3597 registered and 1732 unique visitors.

PetroBowl: With the impact of COVID-19 still present, Regional Directors have successfully run their regional qualifiers virtually using various approaches for the PetroBowl contest. Having reviewed the feedback from each regional qualifier and the feedback from last year's championship, YMEC is working on improving this year's championship by replicating the event virtually to ensure the matches are kept to a reasonable timeframe. Furthermore, YMEC proposed a new approach to centralize PetroBowl to improve consistency and efficiency in the running of the regional events. At the July 2021 Board meeting, it was agreed that from 2021, the regional qualifiers will be shared between Regional Directors and staff.

Town Hall: YMEC hosted its first ever virtual town hall on 12 August to raise the awareness of the committee and to showcase its programs and activities. This provided an opportunity for student and section YP Chairs to talk about their achievements, honorable mentions, and the obstacles they are facing today and how YMEC can help support them.

Student Paper Contests: Student Paper Contests continue to be run and updated under the guidance of YMEC. All regional SPCs were successfully hosted virtually; 14 regions participated, allowing all regions to be represented at the international level. A total of 27 participants from 14 countries are participating in the international contest.

ATCE: All events including Student Meet and Greet, Communication Skills Workshop, and social activities continue to be hosted successfully in a virtual environment that aims to have an increased global audience. For 2021, all virtual events have been scheduled within the core dates and time frame of ATCE.

2021 Annual Technical Conference and Exhibition (ATCE) Program Committee

Committee Chair: Fareed Abdulla AlHashmi

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 2021 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.

Committee Activities and Accomplishments (October 2020 to September 2021)

- Successfully conducted the first ATCE Program Committee organizational meeting virtually (due to COVID-19 restrictions).
- Successfully solicited over 2,000 paper proposals for the 2021 ATCE Conference.
- Developed 60 sessions, plus 10 special sessions.
- Integrated the new Data Science and Engineering Analytics discipline into the program adding a specialty coordinator to oversee the Digital Energy and Petroleum Advance Analytics Subcommittees which moved from under the Management discipline.
- Extended the deadline for manuscript submission due to the pandemic to assist authors who were unable to gain access to their offices and/or labs in order to continue their research and obtain the data needed to complete their papers.

Book Development Committee

Committee Chair: Renato Rios

About the Committee

The Book Development Committee provides expert review and approves recommendations/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 technical disciplines, as well as representation from both industry and academia.

Committee Activities and Accomplishments (October 2020 to September 2021)

Recently Published Titles

- *Wireline Formation Testing: Hardware, Pressure Transient Testing, Interpretation and Sampling* [Authors: Fikri J. Kuchuk, T. S. Ramakrishnan and Mustafa Onur] — Published Spring 2021
- *Process Safety in Upstream Oil and Gas* [Published in conjunction with: CCPS - Center for Chemical Process Safety] — Published Spring 2021
- *Lost Circulation: A New Approach to An Old Challenge* [Authors: Salim Taoutaou, John Cook, Ken Russell] — Published Summer 2021
- *Production Logging: Theoretical and Interpretive Elements, Second Edition* [Author: A. Daniel Hill] — Published Fall 2021

The Book Development Committee continues to develop new book titles on a regular basis with a focus in 2021 on PetroBriefs, 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 and appreciated topics for PetroBrief.

Business, Management and Leadership Committee

Committee Chair: Léon Beugelsdijk

About the Committee

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

Committee Activities and Accomplishments (October 2020 – September 2021):

- Secured commitment from three instructors to provide Sustainable Leadership online training courses.
- Developed a pipeline of messaging regarding BML topics in the form of articles, SPE Connect discussions, and social media posts.
- Proposed a special session for 2021 ATCE on adapting to changes in the industry brought on by the energy transition.
- In partnership with YMEC, developed and obtained Board approval for a YP Congress, a virtual ideathon to be held in November 2021.
- Produced five webinars.
- Authored *The Way Ahead's* most read article of 2020 about the engineer's role in reducing carbon emissions.

Forum Series Coordinating Committee

Committee Chair: Basak Kurtoglu

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 2020 to September 2021)

As we continue to recover from the downturn in the O&G market and due to the global impact of COVID, the FSCC realizes the need for continued 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:

- **Offering a virtual forum option**

To continue to serve the membership during these trying times, the FSCC and FSIC-Americas piloted a virtual forum in July 2020. With positive feedback from the pilot, the FSIC-America delivered one virtual forum in November 2020, one in May 2021 and four in August 2021. Another virtual forum is planned for October 2021. The FSCC continues to refine virtual forum guidelines concerning the planning phase, structure/technology, and cost. The virtual forum option is a viable addition to the forum portfolio.

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

As we continue 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.

- **Generating new ideas/approaches to conduct forums**

While we continue to support discipline-specific forum topics, in 2020, the FSIC-Americas developed a series of “basin-specific” virtual forums to bring all disciplines together based on the current challenges and opportunities in various basins across the lower 48 US states. With this format, we strategically targeted the key basin operators during the formation of the Steering Committee and the selection of the Discussion Leaders. Currently, we have six forums planned between 2Q21 - 1Q22, specific to the Midland, Delaware, Eagle Ford, Bakken, Haynesville and Marcellus basins.

2020-2021 FSICC

Basak Kurtoglu	Quantum Energy Partners	Houston, TX, USA.	Reservoir, Production	FSICC Chairperson
Paul Francis	Fenten	Surrey, UK	Drilling	FSIC-Europe Chairperson
Oscar Eduardo Ramirez Lamus	Schlumberger	Cambridge, UK	Drilling	FSIC-Europe Vice-Chairperson
Thomas Major	Independent	Houston, TX, USA	Management, Productions, Projects,	FSIC-Americas Chairperson
Rick Stanley	Abra Controls	The Woodlands, TX, USA	Production, Completions	FSIC-Americas member-at-large

Forums Held within the Past 12 Months

Forum Title	Location	Dates	Number of Attendees	Overall CSI Rating %
SPE Virtual Forum: Is Cyclic Gas Injection EOR the Future for Unconventional Resources?	Virtual	2, 4, 6, 11, 12, 17, 19 November 2020	70	86
SPE Virtual Forum: How Can Effective Adoption of Well Construction Technologies Advance Asset Value?	Virtual	17-20, 24-27 May 2021	48	87
SPE Virtual Forum: The Next Chapter in the Midland Basin – Learning from the Past and Opportunities for the Future	Virtual	3, 5, 10, 12 August 2021	27	86
SPE Virtual Forum: The Next Chapter in the Eagle Ford - Learning from the Past and Opportunities for the Future	Virtual	16, 18, 23, 25 August 2021	24	TBD
SPE Virtual Forum: The Next Chapter in the Bakken - Learning from the Past and Opportunities for the Future	Virtual	17, 19, 24, 26 August 2021	36	TBD
SPE Virtual Forum: Delaware, the Next Chapter in Unconventionals - Learning from the Past and Opportunities for the Future	Virtual	31 August, 2, 7, 9 September 2021	TBD	TBD
AVERAGE			41	86.3

Upcoming Forums

SPE Virtual Forum: Haynesville Basin, the Next Chapter in Unconventionals - Learning from the Past and Opportunities for the Future	Virtual	26, 28 October, 2, 4 November 2021
SPE Virtual Forum: Marcellus, the Next Chapter in Unconventionals - Learning from the Past and Opportunities for the Future	Virtual	4Q21 or 1Q22
SPE Forum: Future Stimulation and Completions to Maximize Unconventional Production	Galveston, Texas, USA	28 March-1 April 2022
SPE Forum: The Role of Oilfield Technology and Infrastructure in Emerging Blue Hydrogen Markets	Virtual	2Q22

Committee Chair: Dan Olds

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 and standards.

The committee currently has a chair, vice-chair, and 14 members. Members must have at least 10 years of experience in reserves and resource estimation. There are also eight observers to the OGRC who represent their respective societies on reserves matters. Currently, active 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 2020 to September 2021)

PRMS Supplemental Documents

The committee is developing best practice guidelines for reporting (now entitled *PRMS Resources Reporting – General Guidelines and Considerations*), a set of Examples that address and describe key issues in the PRMS, a revised Application Guidelines, and a document consolidating all the frequently asked questions related to PRMS. Materials will be released as they are finalized. Targeted project completion is by the end of 2021.

Translations

The committee has commissioned the translation of the 2018 PRMS in Chinese. The translation will be released once it is finalized.

United Nations Framework Classification of Resources (UNFC)

PRMS Bridging Document

The committee is participating in the development of a bridging document between the UNFC 2019 and PRMS 2018. The material will be released as it is finalized.

Petroleum Resources Specification and Guidelines (PRSG)

The UNFC requested committee input into a revised and expanded version of the PRSG that addresses social and environmental factors. The committee determined that referencing the PRMS as a source would be sufficient.

PetroWiki Steering Committee

Committee Chair: Bob Rundle

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 up to eight SPE professional members including the chairperson. The PetroWiki Steering Committee meets on a bi-monthly basis in a continued effort to create a better experience for users and explore new ways to develop content that is vital to the engineering community.

Committee Activities and Accomplishments (September 2020 to September 2021):

- Added a content creation sub-group with standing bi-monthly meetings focused on topic gaps and how to garner involvement from different groups within SPE.
- Continued improvement efforts to the software focused on usability issues with respect to finding, editing, and adding content in the wiki.
 - Updated navigation to provide enhanced search assistance including the addition of the Petroleum Engineering Handbook topic pages and the Wanted page which allows members to identify topic gaps for new content addition.
 - Implemented a template to facilitate numbering of mathematical formulas within a page.
- Launched the PetroWiki University Partnership Program with the University of Calgary. This program integrates content creation on PetroWiki into a specific class curriculum for credit. This program focuses on outlining and developing PetroWiki in conjunction with the professor and coordinated by SPE staff. This pilot program was offered as an optional class project for a portion (10-20%) of the student's final grade. Students were asked to complete a primarily self-led project to create an original article page on PetroWiki related to specific topic related to the subject of the class and approved by the professor. SPE staff provided assistance on creating, editing and revising the article as well as tracking student completion of the assignment for the professor. This pilot program with the University of Calgary resulted in 15 new PetroWiki pages and had a direct impact on site visits (+14,702). Future participation from at least three additional university classes has been confirmed for the 2021-2022 school year.
- Developed a PetroWiki high contributor badge for SPE members. Noted contributors will be listed on a page within PetroWiki with a link to their contributions. This badge will be given to members who made substantial contributions and displayed on the member's profile in SPE Connect.

Projects currently in process

- Working to enable an Excel to wiki content template: The committee is working on finalizing a template allowing bulk addition of individual content pages into PetroWiki. The initial project for this process has focused on bulk addition of stub pages on API standards. Each page will include an abbreviated description of the standard and link to the standard on API's website. Those pages will be linked back to a parent page containing standards in upstream categories. Expected completion is early Fall 2021.
- Creating an annual student and/or YP PetroWiki competition: While still in the concept stage, a draft outline for this competition has been created and discussions have begun with the Young Members Engagement Committee (YMEC) and staff.
- Student Chapter Edit-A-Thons: A bi-annual student chapter edit-a-thon has been discussed and the committee and staff are working with relevant stakeholders to move this idea forward.