



Aberdeen Section

www.spe-aberdeen.org

2019-2020 Session Launch

Wednesday 28th August 2019

Kenny McAllister

Section Chair

Goal For The Evening



Match your Interests and Capacity with a
Volunteering Opportunity In SPE Aberdeen

What is the Purpose of the SPE



SPE is the largest individual-member organisation serving managers, engineers, scientists and other professionals worldwide in the upstream segment of the oil and gas industry.

MISSION

To collect, disseminate and exchange technical knowledge concerning the exploration, development and production of oil and gas resources, and related technologies for the public benefit; and to provide opportunities for professionals to enhance their technical and professional competence.

How do SPE Aberdeen Deliver the Mission?



Continuing Education

- Symposiums
- Workshops
- Joint Conferences

Programme Committee

- Evening Technical Meetings
- SPE Distinguished Lecturers

Young Professionals

- Simplified Series
- Unplugged 360
- Tech Tours

What Else Does SPE Aberdeen Do?



Student Development

- Bursary Programme
- Technical presentations

School Career Guidance

- Energy4Me
- Maths In the Pipeline
- Energise Your Future
- TechFest
- NASA In Aberdeen

Membership and Marketing and Communications Committee

- Media Communications
- Membership retention and expansion

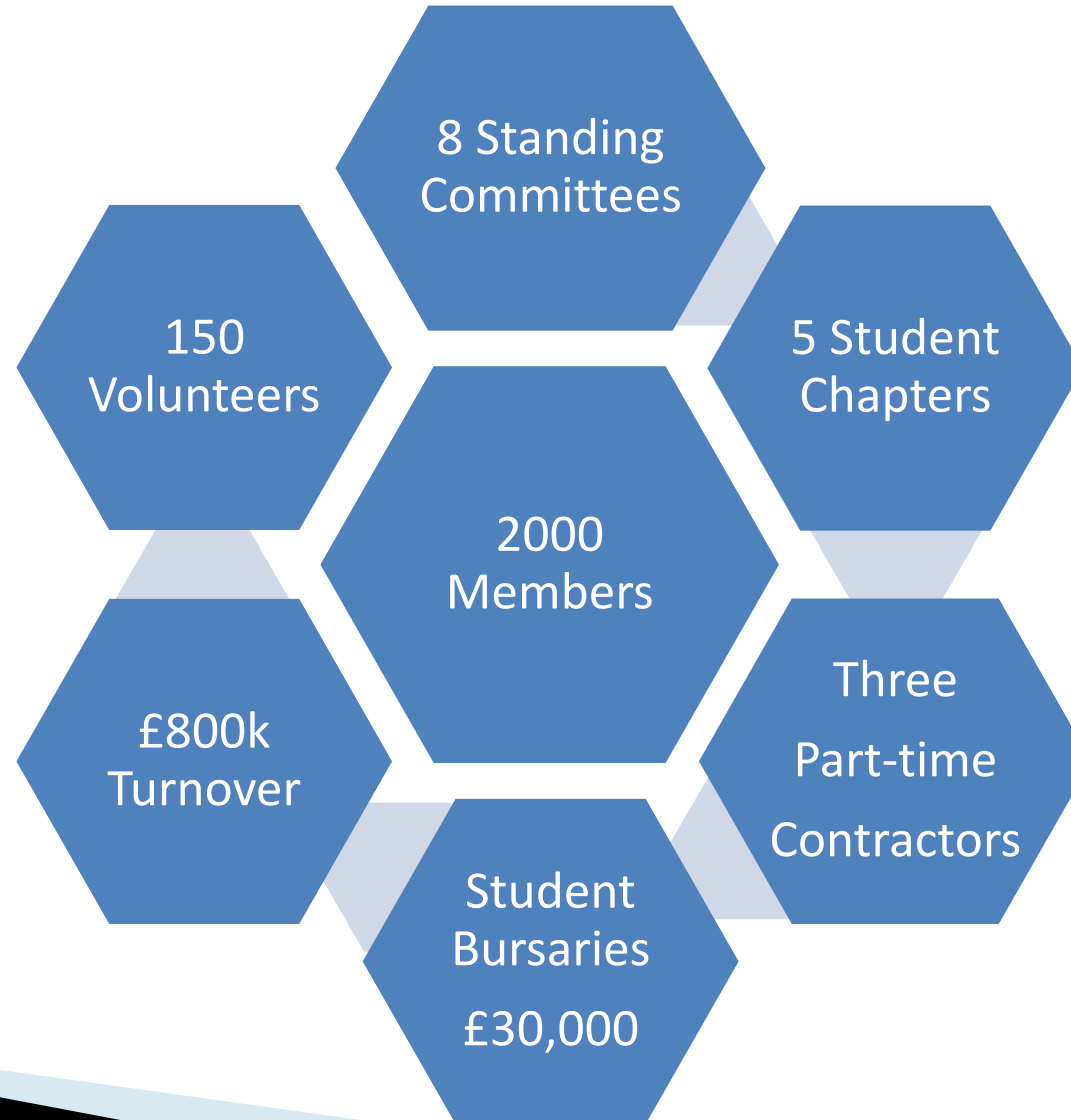
WIN

- Promoting Gender Diversity

Offshore Achievement Awards

- Recognising Excellence

SPE Aberdeen – Key Facts



SPE International



Aberdeen Section

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History

- AIME founded 1880's
- SPE founded 1957

Geography

- 203 Sections in
- 143 countries including 382 student chapters

Membership

- Over 158,000
- Including 73,000 students

Events

- Over 140 per annum
- OTC / OE / ATCE

Governance

- President + 3 officers
- 15 Regional Directors and 1 At Large Director

Technical Governance

- 6 Technical Directors
- 1 Academia Director

Goal For The Evening



Match your Interests and Capacity with a
Volunteering Opportunity In SPE Aberdeen

SPE Aberdeen Section Board Continuing Education

Steve Cromar

Committee Vice Chair

Continuing Education



- ▶ Over the past 12 months;
 - SPE EuALF European Artificial Lift Forum
 - SPE Devex Conference (3 partners)
 - SPE Seismic Conference
 - SPE Topsides UK Conference (with Mearns & Gill)
 - SPE / ICoTA European Well Intervention Conference
 - SPE Well Abandonment Seminar
 - SPE/ IMechE Non Welded Connections
 - SPE / Sand Management Network



Continuing Education

- ▶ New for this session
 - SPE Aberdeen - InstMC 'Transforming Controls Safety and Security – How Safe is your Asset?')
- ▶ Further growth of existing conferences.



Continuing Education



- ▶ SPE Aberdeen's status as a not-for-profit voluntary organisation has allowed collaboration and communication with our existing subject matter experts committees and industry associations.
- ▶ These organisations have a number of representatives on our expert committees to guide and coach towards the UK's objectives of MER, TAR, PE and collaboration
- ▶ Q. How do you demonstrate that you are taking the necessary steps to deliver your MER obligation [by collaborating and communicating with your peers]?
- ▶ A. Become involved with SPE Aberdeen's activities.

Continuing Education



- ▶ Continually improve calibre of committees. Hand picked SME and subject to approval of existing committee members.
- ▶ Make subject matter highly specialised and relevant to current industry, reach out to other industries.
- ▶ Identify new events
- ▶ Maintain or improve current level of Sponsorship and Exhibitors
- ▶ Get our international delegates and exhibitors back!

SPE Aberdeen Section Board
energy4me Schools Career
Guidance Committee

Richard Cooper & Graham Skinner
Committee Chair & Vice chair

Role of energy4me SCG



We aim to **Inspire the Next Generation** of energy industry professionals



Volunteering Partners:

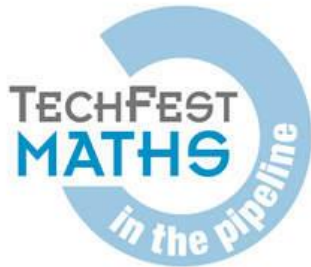


Programmes



TECHFEST Early Years & Primary Programme Science Festival support

Flagship event bringing NASA astronauts
& space scientists to Aberdeen



Real-life mathematics for able &
enthusiastic S4 pupils

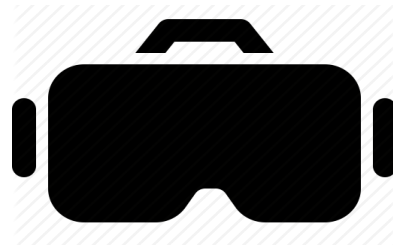
Continued partnership with
Aberdeen Science Centre



Programmes



Offshore Europe 2019
Inspire Programme



Developing **energy4me**
Careers in the Oilfield VR

Offering real-life career case
studies to Inside Industry



Developing practical maths
help for secondary pupils
needing extra support

Spotlight on

A week of activities to inspire young people to consider STEM careers.

- 726 pupils from 10 secondary schools
- 682 pupils from 24 primary schools
- 1,248 members of the public
- 58 Teachers in ongoing CLPL programme



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How to get involved?

As an event volunteer!

- ▶ Easiest way to help the SPE and Inspire the Next generation
- ▶ Can start at only 2-3 hours a year (volunteering at a single event), or more if you're up for it

As a committee member!

- ▶ Help shape and drive how the SPE gives back to the community and supports the future of the industry

SPE Aberdeen Section Board
Student Development
Committee

Ritika Pawar
Committee Past Chair

Student Development Committee



SD Committee encourages university and postgraduate students to pursue and develop a successful career in the Oil & Gas industry.

Universities under Aberdeen Section: University of Aberdeen

Robert Gordon University, Aberdeen

Herriot Watt University, Edinburgh

Dundee University, Dundee

Strathclyde University, Glasgow

SD Committee Activities

- ▶ Provide bursaries to students studying petroleum engineering-related subjects
- ▶ Support students- achieve industry projects
- ▶ Assistance in internships
- ▶ Organise Company tours for practical/real world knowledge and understanding



SD Committee Activities

- ▶ Arrange technical speakers or HR's to give an insight of the working industry
- ▶ Arrange local mentors for suitable guidance
- ▶ Best Faculty Sponsor to encourage faculty sponsor involvement
- ▶ Best Student Chapter Award
- ▶ CV Workshops



Getting Involved



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SD Committee Events	Estimated Time – Volunteers
Involvement with the Student Bursaries	<ul style="list-style-type: none"> • Reviewing approx. 15 applications within a span of 1month • Official Judges Meeting X 2 (approx. 4 hours)
University Visits Local (RGU & Aberdeen University) Outside Aberdeen (Dundee, Glasgow & Edinburgh)	SPE Introduction Presentation (approx. 1 hour)
Mentors	Guide students with career advice, technical questions, field trips etc.
Attend meetings with the faculty advisers & student chapter officers	Monthly (1 hour each University)
Contribution towards new planned events like CV workshop, career events etc.	Planning and Organising
Committee Member	5 to 10 hours a month

SPE Aberdeen Section Board Young Professionals

Joe Sherratt
Committee Chair

I only have 3 minutes...

Who are we?

What do we do?

What is our goal?

Why would you want to get involved?

The Committee



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About time we had a tag line!



'Building the infrastructure for your professional development'

As a **TEAM** we're trying to provide a platform for YPs to step up and be the next leaders of the industry.

How do we do this?



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SPE Aberdeen Young Professionals

Building the infrastructure for your professional development

Get inspired and develop your technical and interpersonal skills at our four forums:

● www.spe-uk.org/aberdeen

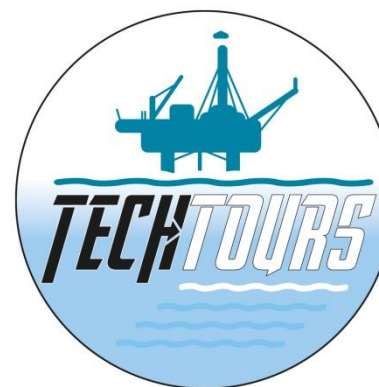
- Unplugged 360
- Emerging Engineers
- Simplified Series
- TechTours



Society of Petroleum Engineers
Aberdeen Section



@SPE_Aberdeen



SIMPLIFIED SERIES
DEVELOP
NETWORK
INSPIRE

So Why Join?



The opportunity

- Improve technical skills
- Build on your interpersonal skills
- Gain event management experience
- Help other YPs develop professional skills
- Visit some fantastic facilities
- Network with like minded individuals
- Make some amazing friends
- Meet NASA Astronauts

SPE Aberdeen Section Board MMC - Membership, Marketing, and Communications Committee

Jenny Adams
Committee Chair

Role of MMC

- ▶ Increase and retain membership
- ▶ Promote SPE Aberdeen and its activities
- ▶ Engage with our community:
 - Social media platforms (Facebook, LinkedIn, Twitter, Instagram)
 - Website
 - Emailers
 - Press and media
 - Roadshows/Lunch & Learns



Our 2019-20 goals



► Membership

- Clearly define the benefits for members
- Encourage existing/previous members to renew
- Target potential members using online and offline channels

► Marketing and Communications

- Continue the progress on social media!
- Evolve the website
- Tell the world more about the **amazing** work we do

We need you!



Key roles

- ▶ Membership Rep
- ▶ Website Reviewer

Other activities

- ▶ Writing
- ▶ Social media



SPE Aberdeen Section Board Offshore Achievement Awards

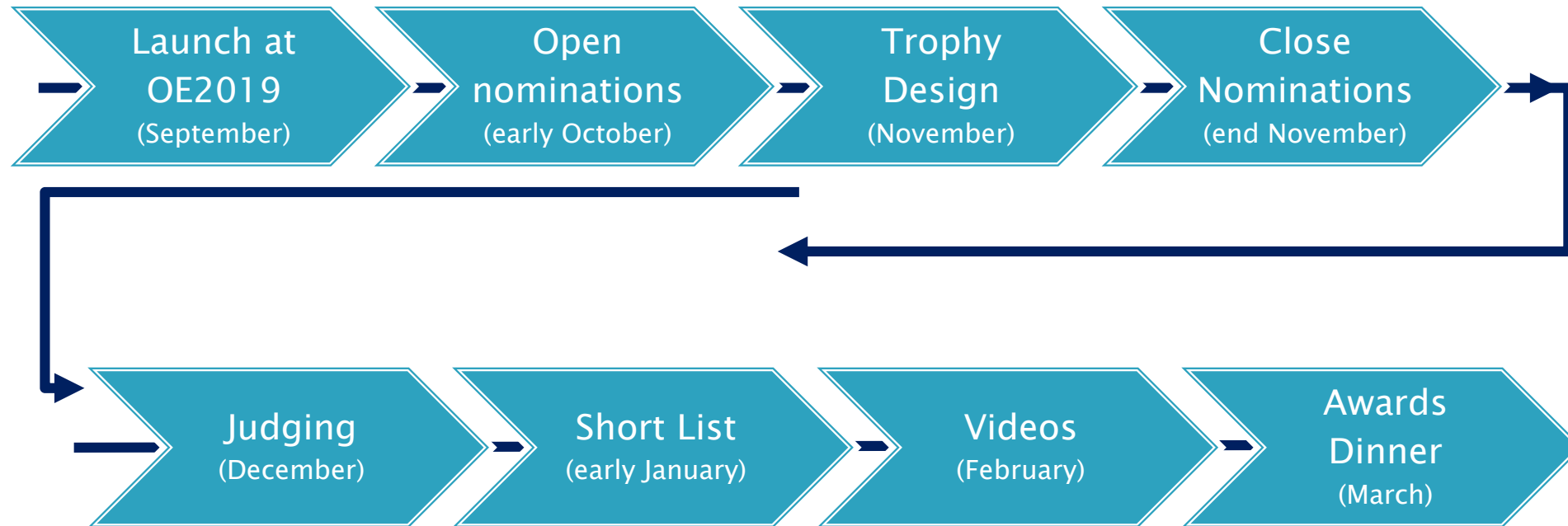
Ian Phillips
Committee Chair

Major awards programme



- ▶ **Emerging Technology**
 - pre-commercial
- ▶ **Innovator**
 - at or near market
- ▶ **HSE Innovation**
- ▶ **Young Professional**
- ▶ **Above and Beyond**
- ▶ **Significant Contribution**
- ▶ **Great Company - SME**
 - <50 staff / <£10m turnover
- ▶ **Great Company - Large**
- ▶ **Internationalisation**
- ▶ **Outstanding Skills Development**
- ▶ **Energy Transition**

Offshore Achievement Awards Timeline



- Managed by an Executive Committee
- ~ 40 judges

Offshore Achievement Awards

Trophy design contest



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GRAY'S
SCHOOL
SCHOOL
GRAY'S



Offshore Achievement Awards

High profile awards ceremony



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SPE Aberdeen Section Board Women in Energy (WIN) Committee

Ritika Pawar
Committee Chair

WIN MISSION & VISION



MISSION

To promote gender diversity in the oil and gas industry by attracting, retaining and engaging women in the Science, Technology, Engineering and Mathematics (STEM) field.

VISION

To empower women to realize their full potential in the oil and gas industry

Our vision will be obtained through the progression of our five initiatives including:

- 1. Attract women into Science, Technology, Engineering, and Math (STEM)
- 2. Create/market women's programs in SPE
- 3. Promote women leadership in SPE
- 4. Connect women in technical/leadership positions
- 5. Promote diversity as an industry goal

WIN AMBITION



- ▶ Follow the guidelines set by WIN international
- ▶ Bringing together all the groups and committees in Aberdeen with similar agenda and values.
- ▶ Emphasis on “diversity” and it’s about a diverse group of people (different gender, age and background) who can work together and achieve the goals of the energy industry
- ▶ Technical Lunch & Learn meetings

WIN Committee



WIN Committee Volunteers:

- ▶ Anna Zarebska
- ▶ Elizabeth McAlpine
- ▶ Edu Umoh
- ▶ Souhila Chetouane

Getting Involved



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WIN Committee Events	Estimated Time – Volunteers
Monthly Meetings	Approx. 1 hour
Event Updates (October + February)	Event day – 2 hours Planning and Organising
Speaker Meetings	Approx. 1 hour
Attending Conference Calls (when required)	Approx. 1 hour
Contribution towards new planned events	Planning and Organising (Time scale depending on type of event)
October Event	Sandman Hotel 12- 2 pm – 31 st October 2019

SPE Aberdeen Section Board Programme Committee

Janis Corbett
Committee Chair

Evening Dinner Presentations



Knowledge sharing, education and networking

- ▶ Monthly evening meetings; Sept to May (every 4th Wed. of month).
- ▶ Technical talk with Q&A followed by buffet dinner
- ▶ Speakers are local and international renowned industry experts
- ▶ Audiences size range from 60 to 100 or more.
- ▶ Diverse topics: prominent new field developments, innovative technologies, case studies with issues, challenges and lessons learned, etc.
- ▶ Networking opportunity over dinner.



Programme Committee




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Who are we and what we do.....

- ▶ Group of dedicated volunteers with a variety of oil and gas backgrounds.
- ▶ Seek topic ideas and speakers for evening presentations.
- ▶ Approach & confirm speakers.
- ▶ Obtain sponsorship for the programme.
- ▶ All aspects of publicity for the meetings.
- ▶ Event management; 8 or 9 events per year.
- ▶ Monthly lunchtime committee meetings with lively discussion on:
 - Feedback from previous event and planning the next.
 - Future speaker ideas and suggestions.
 - International SPE Distinguished Lecturer selection.



Technical Meeting
with networking buffet

 **SPE International**
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Twenty Years, One Fracture and the Future of a North Sea Asset

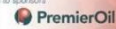
 **Alistair Roy**
BP Fracturing and
Stimulation Manager

Andrew is a BP strategic hub in CNS producing a Paleocene oil reservoir for twenty-two years through a small platform with three additional subsea tiebacks. The Lower Cretaceous condensate reservoir however lay dormant since an aborted hydraulic fracture in 1998. The only production well (A112) within this low permeability formation ceased production in 1999 due to condensate banking. Changing priorities 20 years later meant a reliable black start gas well was required to maintain production for this asset hub, leading to A112 being successfully stimulated with one of the largest single stage proppant placements in the basin's recent history. New Technologies including mono-mesh proppant and PLA fibres were deployed for treatment optimisation and maximising productivity. The successful fracturing execution and production results have brought renewed efforts to extend the life of this mature offshore asset by pursuing similar opportunities, platform and subsea, instead of prematurely abandoning the platform.

Wednesday 22nd May 2019
6.30pm - 8.30pm
(Registration and networking from 6pm, with the event starting at 6.30pm)

Sandman Signature Aberdeen Hotel
St Andrew Street,
Aberdeen, AB25 1AD

COST
SPE® MEMBERS £20
NON MEMBERS £25
STUDENTS £10

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