

President's piece

ASEG news

President's piece



Andrea Rutley

With barely one month left of the year, it never fails to amaze me at just how quickly every year seems to pass by. Once Christmas is past the New Year will be upon us and, all too quickly, so too will be our conference. This year we join with the Australian Institute of Geoscientists Ltd and the Petroleum Exploration Society of Australia Ltd to run a geosciences conference – the *First Australasian Exploration Geoscience Conference* – incorporating the *26th International Geophysical Conference and Exhibition*.

What does this mean? There are Members who have wondered, 'What happened to the *26th ASEG Conference* and why did it become the *First Australasian*

Exploration Geoscience Conference?' The short answer is that our conference is still happening, it is just wearing a different label. As time progresses, and as our industry develops, we must become broader in our skills and, whilst still being technically strong geophysicists, we must also be fully integrated members of exploration teams. Exploration companies are actively searching for the integrated geoscientist and we need to be able to help our Members become educated in areas that were once considered outside of their scope.

As members from each organisation formed a Conference Organising Committee, the drivers to develop an integrated conference became stronger. Some of these drivers are:

- Broadening the scope of the conference to attract a wide range of geoscience papers from all corners of the industry
- Involving geologists and geophysicists in one conference
- Reducing the number of individual, small conferences, all targeting the same audience and targeting the same support funds.

As a result of the considerable work that the Committee has been undertaking, we

will have the opportunity to attend a conference that includes geology, geophysics, engineering, groundwater, minerals and petroleum exploration – a truly integrated event. This conference aims to be the premier event for our region, drawing wide range of delegates, and so a new name was initiated – the *First Australasian Exploration Geoscience Conference* or *AEGC 2018*. The themes for the event are 'Exploration-Innovation-Integration'.

At the time that I am writing this update the conference delegate numbers are continuing to grow, with ASEG Members forming about half of the total number of delegates. I know that there are plenty of you that have not yet registered, so I would encourage you to head to the conference website <http://www.aegc2018.com.au/>, or to ASEG website <https://www.aseg.org.au/> where you will see the conference advertised on the home page.

Don't delay, please register today and join all your colleagues in Sydney for yet another great collaborative event.

Andrea Rutley
ASEG President
president@aseg.org.au



Welcome to new Members

The ASEG extends a warm welcome to ten new Members approved by the Federal Executive at its October and November meetings (see table).

First name	Last name	Organisation	State	Country	Membership type
Antonia	Alvarado	Geofisica Austral Ltda.	Santiago	Chile	Active
Steve	Boucher	Geofisica Austral Ltda.	Santiago	Chile	Active
Marcello	Imaña		Storuman	Sweden	Associate
Unnikrishnan	Karumathil	Department of Primary Industry and Resources	NT	Australia	Active
David	Marchant	Computational Geosciences Inc.	West Vancouver	Canada	Associate
Rami	Matar	Mansoura University	Dammam	Saudi Arabia	Student
Matthew	Musolino	The University of Adelaide	SA	Australia	Student
Gabriel	Owowa	Synterra Energy	Abuja	Nigeria	Associate
Sofya	Popik	Curtin University	WA	Australia	Student
Greg	Staples	Earth Signal Processing Ltd	Calgary	Canada	Active

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Thank you to our past, present and future clients

We wish you all a safe and prosperous 2018

THOMSON AVIATION
Airborne Geophysical Survey

A proud member of **IAGSA**

Season's Greetings

T A



David Abbott david@thomsonaviation.com.au



Paul Rogerson paul@thomsonaviation.com.au





ASEG Federal Executive 2017–18

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Marina Costelloe: President Elect
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Megan Nightingale: Secretary
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Katherine McKenna: Past President (Membership Committee, International Affairs Committee, ASEG RF)
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Marina Pervukhina (State Branch Representative, Specialist and Working Groups Liaison)
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Executive brief

The Federal Executive of the ASEG (FedEx) is the governing body of the ASEG. It meets once a month, via teleconference, to see to the administration of the Society. This brief reports on the last monthly meeting, which was held in October.

Society finances

The Society's financial position at the end of October 2017:

Year to date income \$351 390
Year to date expenditure \$305 711
Net assets \$1 122 519

Membership

The FedEx have reviewed results of the membership survey as published in *Preview* 190 pp. 6–14. Several Member suggestions have been actioned. We will endeavour to keep you informed on the latest enhancements to membership benefits to ensure you're getting the most from your ASEG membership.

Communication was highlighted as an area with room for improvement; many Members indicated that they don't receive electronic notices from the ASEG, or that they're not receiving their copy of *Preview Magazine*. You may have

noticed that in October we asked you to update your Currinda Profile. It is very important you keep your details up-to-date so we can continue to contact you if you change jobs (and therefore email address) or move house! If you haven't already done so, please check your profile by following the steps appended below.

Additionally, if you hear a colleague mention that they have not received something that you have received tell them to check their profile – and whether their membership fees have been paid!

Several Members used the Membership survey to volunteer to assist with the running of the Society, and President Elect Marina Costelloe has successfully recruited these individuals to positions within local branches or on federal committees. The FedEx is still recruiting, in particular we are interested in candidates willing to take on the position of Education or Publications Committee Chair. Please contact secretary@aseg.org.au if you're interested in helping to direct the future of our Society.

Finally, the year is fast coming to an end – don't forget to register for the upcoming *First Exploration Geoscience Conference* <http://www.aegc2018.com.au/>. This is the *26th ASEG Conference and Exhibition*, it is just labelled differently.

There are strong geophysics streams, as we have come to expect from our conferences, and also strong earth science streams – reflecting our integrated industry.

Megan Nightingale
Secretary
fedsec@aseg.org.au

Steps to access your ASEG membership profile details:

Step 1: Go to www.aseg.org.au and click 'Login' at the top right

Step 2: Log in with your email and password. If this is your first time logging into the website or if you have any trouble please contact the secretariat – secretary@aseg.org.au

Step 3: You will be redirected to your Profile page

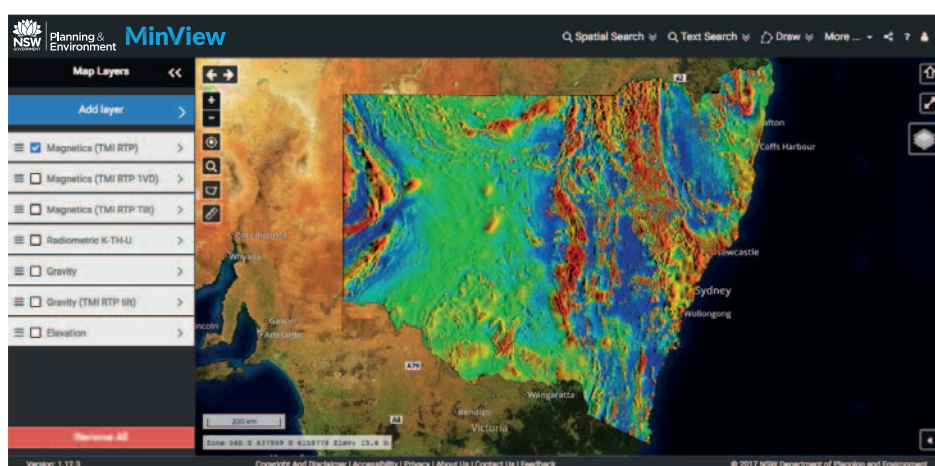
*If your details are correct, there is nothing more to do

**If you need to make any changes, proceed to Step 4

Step 4: Click on 'Update Details' and make any changes required and click 'Save' at the bottom of the page. If you have any problems please contact the secretariat – secretary@aseg.org.au.

NSW Geoscience Data Workshop

Organised by the Geological Survey of NSW (Department of Planning and Environment)



For information on future workshops contact geosurvey.events@industry.nsw.gov.au

22 Feb 2018
(following AEGC)

Sydney

Visit goo.gl/toCpjj
to view the program
and register



News from the ASEG Young Professionals Network

In the past few months we've really kick-started our activities, most notably launching a mentoring scheme with PESA in Victoria (see report below). A LinkedIn group and Facebook page were rebooted as a means of more rapidly disseminating information on career development opportunities between the network's members. Our Members should think of these social media platforms as noticeboards and are encouraged to make posts, 'like' or share. In this way, we feel that we can build a greater critical mass to make early career training more accessible, more affordable and of better quality.

A call for Young Professionals (YPs) to head up networks in their home state was answered quickly and enthusiastically and we'd like to welcome Elyse Schinella (NSW), Jeremy Lee (VIC), Tavis Lavell (WA), Chris Li (SA), who will take on leadership roles in their respective states by helping roll out mentoring schemes and/or running seminars and local training sessions (with a bit of help from their State Committees). We're still looking for state reps for Queensland, Tasmania and the ACT.

On a federal level, we've been trying to establish contacts and protocol for interacting with PESA to better coordinate joint YP activities between ASEG and PESA. The relationship with AIG seems to be working well already, and eventually we may also find common ground with other geoscience professional societies such as GSA and SPE. Such relationships may serve us well at joint conferences, and also enable local training initiatives to run economically.

For the upcoming AEGC conference please stay tuned for more information on a social event, to be held at a classy Sydney watering hole, which promises to be a relaxed opportunity to meet other YPs. Subject to sufficient registrations the Presentation skills workshop will go ahead, but we would like those interested to book ASAP so that the best possible venue can be secured in advance. For logistical reasons there is a cap on the number of attendees for this course and registrations will be taken on a first-come, first-served basis. We've had interest from 'not so young' professionals and would like to stress that everyone is welcome to attend this course.

Further down the pipeline we are hoping to offer a decision analysis workshop at the AGCC conference in Adelaide in October 2018. Also, the Victorian YPN (ASEG & PESA) is currently developing a foundation-level E&P workflow seminar series to be held on a monthly basis during 2018 and beyond.

Jarrold Dunne and Megan Nightingale
ASEG Young Professionals Network
ypadmin@aseg.org

Launch of the PESA/ASEG (VIC) Young Professional's Network

On Tuesday 17 October the PESA/ASEG (VIC) Young Professional's Network and mentoring programme was launched at Melbourne University's Earth Sciences Building. Prior to this event we had invited YPs and potential mentors to

nominate themselves by completing a small survey that enabled us to optimise pairings to some degree. We received 10 mentee applications and to our great surprise we had a slight surplus of mentors. Not everyone could attend the launch event, but those who didn't quickly made plans to meet their assigned mentor at a more convenient time.

The launch event was kept very informal to encourage discussion. Some great wines, cheese and antipasti were consumed whilst introductions made. Jarrod Dunne then gave an overview of the development of the YPN within ASEG, PESA and other geoscience societies. For example, the YPN was promoted by the ASEG FedEx and it is currently being rolled out to the states, whereas PESA now has networks established in a few states but no transparent federal oversight (at present).

In a federal sense, YPN events and workshops are being planned around conferences, often involving equivalent YPNs from sister societies, such as the AIG. In the states where PESA currently has YPNs the focus to date has been on mentoring, and some branches have elected to only pair with SPE at this stage. Ultimately these pairings will allow an economy of scale, which over time should enable YPs (guided by their mentors) to have more control over their training opportunities, both in terms of content and cost.

Discussion amongst the group after Jarrod's presentation was initially focused on the type of training that both mentors and mentees felt would most benefit YPs. Foundation technical courses are hard to



Jarrold Dunne facilitating the launch of the ASEG/PESA YPN in Victoria.

come by in tough times, especially if you aren't part of a large company's graduate programme. However, it can be difficult to find course topics that are relevant to a diverse group. Soft-skills courses appeared to get more traction with the group and may benefit most from the 'economy of scale' idea.

Savings might also be had by running workshops or training courses in conjunction with conferences, or using low-cost venues such as universities during semester breaks. Local field trips were also considered highly relevant to all disciplines and can provide a great opportunity for local networking. Mentor networks might be leveraged to organize opportunistic tours to drill sites, mines, or seismic vessels.

The secret for success for the YPNs in each state may be the adoption of the old mantra first made famous by Woodside's former CEO Don Voelte: Focus... Decide... Attack! It was suggested that social media apps such as a LinkedIn could be used to focus ideas about training opportunities. It was further suggested that perhaps Survey Monkey could be used to canvas views of both mentees and mentors so that a democratic decision could be made as to which

courses to offer each year. This will only work if the mentees...you guessed it... attack their career development when opportunities present themselves.

Peter Stickland, CEO of Melbana Energy and APPEA Board Member, then gave a presentation on the state of the play in the petroleum sector. His overview was very well received, especially as the red wine and Furphy ales had started to kick in and the mentors assembled had become more vocal. They chimed in with insights on the industry; with perspectives dating back over 30 years and looking forward just as far. Peter's charts showing forecasts of sustainable growth, and the positivity expressed by all (in the face of ever increasing societal pressure), left mentees feeling more confident about planning a long future in this business.

The evening wound up with a discussion about setting expectations for the mentoring scheme. In pairing mentees and mentors we have tried to accommodate the wishes of the mentee as much as possible. Society affiliation and similar career paths were also strong considerations, but ultimately a balance was sought and time will tell if we made the right calls. Issues around confidentiality were also touched on.

During 2018 we intend to informally review mentoring relationships and assist if challenges arise. We would also anticipate a small intake of new mentees and mentors each year.

Finally, there was some housekeeping on upcoming training or networking opportunities. Those that are listed here may be relevant to YPs in other states:

- A presentation skill workshop to be held (pending sufficient numbers) at the AEGC conference in Sydney on 18 February, 2018. For more info see: <https://www.aseg.org.au/presentation-skills-workshop>
- Also at the AEGC conference, a combined YPN (ASEG/PESA/AIG) social evening
- 2 soft-skills courses to be floated at the AGCC conference (October 2018, Adelaide) and the Greenhouse Gas Control Technologies conference (also October 2018, Melbourne)

Please keep an eye out for a YPN LinkedIn group that you can join to stay informed about upcoming events.

Jarrod Dunne (Karoon Gas) and Sara Morón-Polanco (Melbourne University)
ypadmin@aseg.org



Peter Strickland presenting at the launch of the ASEG/PESA YPN in Victoria.

ASEG Branch news

Western Australia

The WA Branch has had another busy period hosting technical events for our Members. In October the Branch hosted **Bill Peters** presenting on the use of geophysical methods for Ni-Cu exploration. This presentation was used to test webcasting technology, which would enable the presentations at the ASEG's busiest Branch to be shared with Members based regionally in WA, across Australia, and overseas. It is intended to continue to trial this live webcasting service through 2018 with a view to making it a regular offering for our non-Perth based Members.

In November we hosted our annual student presentations with four students presenting from Curtin University and two from UWA. Again this year the quality of the presentations and the work being undertaken by the students was outstanding. The Members voted on which presentation they felt was the best, with **Chanel de Pledge** taking out the honour of best presentation.

We will be hosting the Branch AGM and Christmas Party on 13 December 2017. It is planned to have an informal BBQ function at Kings Park, in the Old Tea Pavilion. All of the statutory positions (President, Secretary and Treasurer) are open for nomination and anyone interested in joining the ASEG WA Branch Committee as a member or in one of these statutory roles are encouraged to lodge a nomination form ahead of the AGM. Further information will be circulated to Members shortly.

I would like to take this opportunity to thank the WA Members for their active participation in our events this year. If there are any events Members would like

to see in 2018 please let the Committee know! It has been an honour to serve as Branch President for the last 3 years. Thank you for entrusting me with this responsibility.

Kathlene Oliver
wapresident@aseg.org.au

Australian Capital Territory

In October the ACT Branch enjoyed a guided tour of one of Geoscience Australia's geomagnetic and seismic observatories. Those who attended learnt about the intricacies of the geomagnetic instrumentation and its use in space weather prediction, along with the seismic station that forms part of Australia's earthquake and tsunami warning system. The ACT Branch would like to extend a big thank you to **Craig Bugden, Andrew Lewis** and **Bill Jones** from Geoscience Australia for organising and running the tour, it was thoroughly enjoyed by all!

Two students, **Marcus Haynes** and **Taimoor Sohail**, are congratulated for receiving Student Scholarship Awards from the ACT Branch. In November Marcus presented a talk describing his PhD work to date titled 'Predicting Surface Heat Flow' and Taimoor presented his current research on 'The Impact of Wind and Temperature on Southern Ocean Circulation', both of which were well received by the Branch.

To finish off the year the ACT Branch is looking forward to a Christmas party at the Canberra Yacht Club. This end of year celebration will be accompanied by a technical presentation and guided star-gazing from astronomers of the Australian National University.

Merry Christmas to everyone from the ACT Branch! We look forward to hosting more exciting events in 2018.

James Goodwin
actpresident@aseg.org.au

New South Wales

In September, the Macquarie University Student Committee did all the hard work. They were given the remit to organise and run the Branch meeting and to attract as many students along as possible. They did an excellent job, with over 40 people attending the meeting, it being the largest held since the last student organised event.

The abstract for the meeting was:

Completing your degree at university is an exciting time; however, it can also follow with uncertainty. The transition from student to professional life in industry or academia can be tough. This sometimes makes the change from being a university student to securing a job and then becoming professional in the industry a bit daunting. This month's technical talk has been organised by the Macquarie University ASEG Student Chapter and will provide students and professionals alike with a broader understanding of what opportunities industry can provide.

The Speakers were: **Cindy Giang** – Junior Geophysicist at GBG Australia, **Olivia Penlington** – Project Geophysicist at Coffey International Limited, and **Cara Danis** – Senior Hydrogeologist at SMEC.

The students and the 'students at heart' thoroughly enjoyed the evening.

In October we had our annual student night, where Honours and Masters students present their research. This year we had three speakers all giving great talks with much discussion and hand gesturing afterwards. The speakers and topics were: **Lauren Harrington** (Sydney University) – 'Modelling the evolution of the Eromanga Sea in the context of tectonics, geodynamics and surface processes', **Anthony Finn** (Macquarie University) – 'Tracing shallow lateral preferential pathways of fluid movement using electrical geophysics', **Luke Smith** (Macquarie University) – 'Precision Positioning in UAV Geophysics'.



The student presentation night in Western Australia.



ACT Branch Members enjoying a tour of the Canberra Geophysical Observatory.

An invitation to attend NSW Branch meetings is extended to interstate and international visitors who happen to be in town at the time. Meetings are generally held on the third Wednesday of each month from 5:30 pm at the 99 on York Club in the Sydney CBD. Meeting notices, addresses and relevant contact details can be found at the NSW Branch website.

Mark Lackie
nswpresident@aseg.org.au

Queensland

An invitation to attend Queensland Branch meeting is extended to all ASEG Members and interested parties. Details of all upcoming Queensland events can be found on the Qld Events tab on the ASEG website. A night of student presentations is planned for December so keep an eye out for that one!

Fiona Duncan
qldpresident@aseg.org.au

South Australia & Northern Territory

The SA/NT Branch has been quite busy holding two technical evenings and our annual Melbourne Cup Luncheon since the last update. In September we were lucky to be joined by **Laszlo Katona** and **Matthew Hutchens** from the South Australian Government Department of the Premier and Cabinet, who gave the Branch an update on the current Gawler Craton Airborne Survey; a joint initiative by the Department of State Development, Geoscience Australia, and the Plan for Accelerating Exploration (PACE) programme. Laszlo and Matthew gave a review of the world's largest high-resolution airborne geophysical and terrain imaging programme, and the

survey's aims to set the foundation for the next generation of exploration in the Gawler Craton. We thank Laszlo and Matthew for joining us to go through the preliminary results and currently available data and I am confident the SA/NT resource explorers will be looking forward to a further update on completion of the survey.

Our second technical evening was the Annual Sponsors Industry Night, at which we were joined by representatives from three of our state branch sponsors, **Johann Soares** from Beach Energy, **Louise L'Oste-Brown** from Minotaur Exploration, and **Kelly Keates** from Zonge. Each speaker gave an interesting overview of some of their past and current projects and some potential future work identified from some interesting results. This included a run down by Johann on some of Beach Energy's recent gas exploration efforts in the Cooper Basin, some new work by Minotaur Exploration around the Eloise Copper-Gold mine, including a new major EM ground survey, and finally some trials of new real time leak monitoring equipment presented by Kelly. Thanks again go to Johann, Louise and Kelly for taking the time to come and join us.

Finally, the annual Melbourne Cup Luncheon was a great success, a perfect way to celebrate the 30th anniversary if the event. With the Calcutta Sweep producing some very happy winners, prizes for the best dress colt and filly and a great atmosphere in the packed venue, much fun was had throughout the day and into the evening. I would like to thank our Branch sponsors, the Pullman Adelaide for holding this year's event and **Sam Jennings**, **Adam Davey** and **Phil Heath** and all the committee members

who lent a hand, without whom the day would not have come together. I would also like to thank **Neil Gibbins**, who once again joined us and ran the proceedings throughout the day. There is also an incredibly large amount of work done behind the scenes by **Alison Forton** from TAS, so thanks must be given to her for bringing all the bookings, advertising and the website together. Finally a big thankyou to **Steve Tobin**, **Leeton McHugh** and **Geoff Dunn** from Terrex Seismic who generously kept the celebration going following the official proceedings, I can't think of a better way to see out the 30th year of the event, with hopefully many more to come in the future.

Our technical meetings are made possible by our very generous group of sponsors, including the Department of the Premier and Cabinet, Beach Energy, Minotaur Exploration, and Zonge. Of course, if you or your company are not in that list and would like to offer your.

As usual, further technical meetings will be held monthly, at the Coopers Alehouse on Hurtle Square in the early evening. We invite all Members, both SA/NT and interstate to attend, and of course any new Members or interested persons are also very welcome to join us. For any further information or event details, please check the ASEG website under SA/NT Branch events and please do not hesitate to get in touch at joshua.sage@beachenergy.com.au or on 8338 2833.

Josh Sage
sa-ntpresident@aseg.org.au

Tasmania

By the time *Preview* readers see this report, there will have been a couple of notable events hosted by the University of Tasmania with geophysical contributions. On Thursday 16 November several talks of geophysical (including geodetic) interest will be contributed by postgraduate students to the first GSA Earth Sciences Student Symposium held in Tasmania. These include **Nahidul Samrat** on using interferometric SAR to look at bedrock uplift in Antarctica and thereby infer Earth rheological properties, and **Anna Riddell** on employing GPS observations in Australia to look particularly at vertical tectonic motion and thus improve sea level change estimates for the Australian coastline. In more classical exploration geophysics, **Tom Ostersen** will present aspects of



his fieldwork and resulting three dimensional conductivity model development work on the AusLAMP magnetotelluric deployment in Tasmania, while **Steve Kuhn** (Tasmania branch secretary) is covering his research on machine learning applications to lithology prediction from geophysical, geochemical and remote sensing data.

Later, on 26 and 27 November, the Earth Science (formerly Geology) Department of the University of Tasmania will celebrate its 70th anniversary. A commemorative symposium will include contributions from geophysics staff members **Michael Roach** and **Matt Cracknell** presenting highlights of current and recent geophysical research and teaching. Matt will also touch on elements of the history of geophysics at the University of Tasmania, which has been part of the Department's endeavours since its founding.

An invitation to attend Tasmanian Branch meetings is extended to all ASEG Members and interested parties. Meetings are usually held in the CODES Conference Room, University of Tasmania, Hobart. Meeting notices, details about venues and relevant contact details can be found on the Tasmanian Branch page on the ASEG website. As always, we encourage Members to also keep an eye on the seminar programme at the University of Tasmania/CODES, which routinely includes presentations of a geophysical and computational nature as well as on a broad range of earth sciences topics.

Mark Duffett
taspresident@aseg.org.au

Victoria

The Victorian branch of the ASEG has seen another eventful few months. During September we had the pleasure of welcoming **Dr Tom Whiting** as guest speaker at our technical meeting night. Tom is the non-executive Chairman of

the board of the Deep Exploration Technologies Cooperative Research Centre (DET CRC) and proudly presented 'Prospecting Drilling: A Technology-Enabled Revolution in Mineral Exploration', at the Kelvin Club to a very welcoming audience. The talk was largely focussed on one of the CRC's key programmes – Coiled Tubing drilling or CT drilling – with impressive results from recent field trials. The significant time and cost saving benefits afforded from CT drilling is compelling and undeniable. Pardon the pun, but this ground-breaking technology, which is being immediately commercialised, has the potential to revolutionise the way explorers drill. We thank Tom and the DET CRC for their visionary approach to exploration drilling and wish them all the best for their stage 2 bid for funding of the MinEx CRC.

At our October technical meeting, we were delighted to have **Suzanne Haydon** of the Geological Society of Victoria entertain our members with her talk, bewilderingly titled 'Free Data, Free Drinks, Free Food', also held at the Kelvin Club. Suzanne has been a staunch campaigner for freely accessible geological data in Victoria. Her presentation introduced the voluminous archive of Victorian geological data available online, from ground and airborne geophysical survey data to geological maps and to open-file exploration reports. Suzanne also offered an update of data acquisition programmes that were recently undertaken as well as provide an overview of published interpretations and models produced by the GSV. Thank you, Suzanne for your dedicated support in promoting Victorian minerals and oil and gas exploration!

October also saw the launch of the Victorian ASEG-PESA Young Professionals Network (YPN), which was hosted at The University of Melbourne. **Dr Jarrod Dunne**, who is a committee

member of the YPN, has been relentless in its promotion. Jarrod has written a separate article in this edition of *Preview* (see ASEG News Committees). Please take the time to read up on what's been happening with your Victorian YPN.

In early November the ASEG Student Night was held in partnership with the 2017 Victorian University Earth and Environmental Sciences Conference (VUEESC), hosted by The University of Melbourne. This event was an opportunity for all Victorian students to present their research work to the local geoscience audience. The ASEG student night awards this year were associated with the Economic Geology and Geophysics session. A well-deserved congratulation is extended to **Martin Nguyen**, from Monash University, who won first prize for his comprehensive and enthusiastic presentation of 'A structural and litho-geochemical prospectivity characterization of the Depot domain'. The second prize was awarded to **Andrew Pearson** from Melbourne University, for his contribution to 'Redefining the structure and timing of the Wentworth Trough, northwest Victoria'. The ASEG Victorian Branch acknowledges the contribution of all participating students at the VUEESC this year. Well done!

As we approach the silly season, the Committee would like to express its sincerest gratitude to all the speakers who took time out of their demanding schedules to present to our Members at our monthly technical meetings – thank you immensely! The Victorian Branch has had a tremendously eventful year. We thank all our Members for their ongoing support and hope to continue the rage throughout 2018 as we look forward to sharing further captivating geoscientific enlightenment. Please have a safe yet exciting festive season!

Seda Rouxel
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ASEG national calendar: technical meetings, courses and events

Date	Branch	Event	Presenter	Time	Venue
13 Dec	NSW	Tech night	TBA	1730–1900	99 on York, 99 York Street, Sydney
13 Dec	WA	AGM & Christmas party	TBA	TBA	Kings Park, Perth
13 Dec	ACT	Christmas party	TBA	TBA	Canberra Yacht Club
	QLD	Student presentations	Various	TBA	TBA
18 Feb	National	YPN Presentation skills workshop	Doug Knight	0900–1600	TBA, Sydney
18–21 Feb	National	AEGC 2018	Various		International Convention Center, Sydney

TBA, to be advised (please contact your state Branch Secretary for more information).