

**FEBRUARY 2015**

## From the Chair

Greetings to all IPENZ UK members and friends. May I send you all belated best wishes for the new year 2015.....which is also celebrated as the Chinese Year of the Sheep. Close to the heart of all kiwis.

After an exceptional IPENZ Centenary Year in 2014, the committee have been re-energising and planning ahead for 2015. I am pleased that we now have strong links established with both Engineers Australia, and more recently with Hong Kong Institute of Engineers UK Chapter. This increases our network, and provides all parties with access to a wider range technical talks and social events. Please see more about the new HKIE collaboration later in this newsletter.



Looking forward to 2015, we have a number of events planned – A Chinese New Year meal, Christchurch Re-build update, site tour at a Cross rail station, ANZAC day events – 100 years since Gallipoli, the traditional BBQ at Henley and to wrap the year up a Christmas Soiree at NZ House. Please consult the website regularly, which is a treasure trove of information - [www.ipenz.org.uk](http://www.ipenz.org.uk)

2015 will be a year of transition in several key areas. The AGM is being brought forward until April time (to better align with calendar year end), our treasurer will be heading back to NZ, and my term of 2 years as Chairman will complete. So there are great opportunities for members to step up into the new roles and secure a strong committee to take us beyond 2015.

I am always pleased to receive feedback or ideas on events, technical talks, site visits or other opportunities. Please contact me direct directly.

Andrew Delugar  
[Chair@ipenz.org.uk](mailto:Chair@ipenz.org.uk) / [www.ipenz.org.uk](http://www.ipenz.org.uk)

## Collaboration with Hong Kong Institute of Engineers

I am delighted that we have formally established a link between HKIE UK Chapter and IPENZ UK Branch. I would particularly thank Jonathan Gammon, who is an active member in both Institutions and who was instrumental in establishing this relationship.

This further broadens the horizons of both groups in terms of networking, access to a varied range of technical talks and social events. We have already seen this bear fruit, with the inaugural joint technical talk on London Underground Extensions – held in December 2014. There is also A Chinese New Year lunch planned for 28<sup>th</sup> February being hosted by HKIE, for which the invite has been extended to all IPENZ members. This HKIE relationship adds to the vibrant relationship we already have with Engineers' Australia, and provides real benefits for members of all the groups.

I look forward to joining events hosted by these other groups, and further strengthening the relationships.

For further information on HKIE see their website <http://www.hkie.org.hk/eng/html/overseaschapters/ukchap.asp>



## Recent Events

### IPENZ/EA Christmas Soiree

The 2014 Christmas Soiree was hosted by Engineers Australia at Australia House on the 28<sup>th</sup> November. The event was most enjoyable and involved the usual trans-Tasman sporting banter. We would like to thank EA for hosting this fantastic event. This year the event will be held at NZ House, hosted by IPENZ, and promises to be an exciting evening.

Please put Friday 27<sup>th</sup> Nov, 2015 in your diaries and look out for details later in the year.



### London Underground Extension and Upgrade



This Technical talk was hosted by HKIE UK Chapter and included attendees from IPENZ and IStructE. The very interesting and well attended talk was given by Jonathan Gammon (IPENZ committee member), and was held at City University, London.

The talk explored the natural geology of London, and it was fascinating to learn about London Clay, and its occurrence biased toward the North side of the Thames being the reason why most tube lines also run on that side of the river. There were some contrasts drawn between London underground built in clay, and Hong Kong West Rail development built into rock substrate.

We learned about the Northern line Extension to Battersea, which comprises around 3.5km of new track and 2 new stations. The line runs under Battersea Dogs and Cats home, which became a key issue in terms of noise management during the construction. We look forward to using this new section of line from 2020.

Bond Street Station Upgrade - this is a very challenging upgrade due to the small foot print. 3D modelling of the above and below ground facilities (see photo) is being used to complete the very detailed level of design required. We heard about the project challenges in dealing with unexploded WW2 ordinance, as well as working around the complex network of underground facilities.

### Henley BBQ – August 2014



A well-attended BBQ was held on a sunny day at the wonderful location on the Thames at Henley Rowing Club. There were a number of children at the BBQ, and it was good to see the badminton set being put to good use.

Thanks go to HRC for use of the facilities, to Ian and Melissa Kirker for arranging the event, and to all those who brought BBQ's and generally helped out. We plan to hold the 2015 BBQ at the same location, in late August - date TBC.

The invite for 2015 BBQ is being extended to HKIE members.

## AGM and Technical Talk 2014

The Annual General Meeting was held on 17<sup>th</sup> September 2014, at Pryce and Myers offices', London. Some key discussion points and actions were:

- Really positive feedback on the IPENZ Centenary celebrations, at NZ House, in July 2014. This was strongly felt to have increased the profile of IPENZ here in the UK.
- Agreement that future AGM's would occur during first quarter of each year. This is to better align with calendar (and hence accounting) year end.
- Two new committee members were voted in – welcome to Jennifer Randall and Robert Lorimer.
- A good look at finances and branch costs to be undertaken to ensure we remain cost efficient.

Following the AGM, a very engaging technical talk was hosted by Professor Nic Smith (Dean of Engineering at Auckland University). He provided a general update on the University and engineering scene in New Zealand – focusing beyond Auckland so as to not upset the Southerners amongst us.

The technical talk covered the pioneering and world class research being undertaken into the modelling of the heart. The talk explored the mathematical models used to map the heart, as well as relating this work to real world medical applications. The fields of engineering and medicine are coming closer together, and in many places are inter-weaving - leading to the potential for exciting breakthroughs in the future.

## Upcoming Events

### HKIE Chinese New Year

Time: 2.30pm  
Date: 28 February 2015  
Venue: Phoenix Palace Restaurant  
5 – 9 Glenworth Street  
London, NW1 5PG  
Nearest Tube: Baker Street  
Charge: £28 per adult , £18 per student / child below 10  
Drinks not included

You are welcome to bring your family and friends.

Please send your **cheque**, payable to 'HKIE UK Chapter' to David Youdan, 37 Montagu Road, Datchet, Berkshire, SL3 9DT with **your email address** for a place. For further information, please email: [david.youdan@ima.org.uk](mailto:david.youdan@ima.org.uk)

### Site Visit: Crossrail

Date: TBC (March 2015)

A site visit to a Crossrail site is planned for March. Further details of this event will come in due course.

## Annual General Meeting and Technical Talk: Christchurch Re-Build

Date: Tuesday 21st April, 2015. Evening - (time TBC). London

The AGM will be followed with an update on the Christchurch re-build by Prof Michael Davies. Further details of the AGM and Technical Talk will be released in early March, including nomination forms for committee positions.

## ANZAC Day

The 25th April 2015 will be one of the most sacred remembrance anniversary dates this century. On this day, the 25th April 1915, exactly 100 years ago our ANZAC troops stormed ashore at Gallipoli, thus creating the first Anzac Day. To commemorate this day, there will be high profile memorial services around the world on 25th April.

There will also be traditional ten pin bowling challenge hosted by Engineers Australia. This is being held on Sun 26 April this year.....Event details will be posted on the website. Please join the challenge to support the kiwis!

# 2015 YEAR OF THE GOAT

Year of the **Goat** and your **career**. Is it your year?

The year of the Wood Goat is set to bring good news to those who look out for it. Discover what this year holds out for you.

If you don't already know which animal your birth date represents, have a quick look below.



## Goat

2015, 2003, 1991,  
1979, 1967

Stress might have gotten the better of you in recent months. It's time for you to take a step back and make work fun again. Spend more time getting to know your colleagues and renew your passions.



## Monkey

2016, 2004, 1992,  
1980, 1968

This year, you will be swinging from one opportunity to another – be it a career progression or new business projects. Don't be afraid of changes, you might need to tweak your working styles to adapt to others.



## Rooster

2017, 2005, 1993,  
1981, 1969

You will be full of ideas and inspirations while you make your way to greater success. Make sure to share your decisions with close ones in order to get their genuine advice and support.

## Advertisements

## Technical Talks

Other technical talks will be arranged during the year as suitable speakers and venues become available. If you would like to suggest a topic or project, please let us know and we'll make the arrangements - email Andrew at [chair@ipenz.org.uk](mailto:chair@ipenz.org.uk).

Please look for details on the website, and we will also send out a Linked in notification for those registered with IPENZ UK group. All Technical talks are open to Engineers Australia & HKIE. They will offer the same courtesy to IPENZ, and this increases the opportunity to provide a range of interesting topics.



<http://www.linkedin.com/groups/IPENZ-UK-Branch-2232787>

It's open to non-members too...

**Please join our IPENZ UK LinkedIn group.** It is an open group, so encourage your non-member colleagues to join as well. You can connect with other IPENZ members, learn of job opportunities, as well as keep up to date with Branch news and activities.