



Message from our President

David Westmore



Following our AGM in April I am delighted to welcome 5 new council members to the team giving our Council a diverse range of experience, talent and disciplines.

This year many of the Institutions and engineering organisations have been commemorating the bicentenary of James Watt's death. At the centenary of his death IESIS raised £30,234 1s. 8d (£875,000 in today's terms) for a James Watt Chair of Electrical Engineering and a James Watt Chair of The Theory and Practice of Heat Engines (latterly the James Watt Chair of Mechanical Engineering) at Glasgow University, which still exist today, as well as equipment for the James Watt Engineering Laboratories. It was therefore a pleasure to be invited on behalf of IESIS by the current James Watt Chair of Mechanical Engineering, Professor Colin McInnes, to give a welcoming talk at their James Watt Symposium to commemorate James Watt in June.

Next year we will be celebrating the bicentenary of William Rankine's birth, a founding member of our Institution and our First President – for details see Rankine 2020.

David M. Westmore

Dear friends, I hope that you continue to find our bulletins of interest and helps us keep you up to date with the various activities of the Institution.

This has been an exciting time in my first year of the Presidency with several initiatives developed with Council to help equip the Institution for the future. We have carried out a workshop to examine what we are about and how to take the Institution forward. Earlier this year, we sent out a brief questionnaire to members giving us some good feedback – a big thank you to all those members who responded. This will result in several initiatives over the next session.

2019 -2020 Programme

Our programme is shaping up to be another cracker, with topics ranging from engineering design, QE2, space engineering, energy storage, bus technology, ethical hacking and developments in railways! Full details will be in our next bulletin

Rankine 2020

As you may be aware IESIS will co-host a prestigious conference in July 2020 in Glasgow to mark 200 years since the birth of our founder William Macquorn Rankine. Further information will be released in due course. In the meantime, you may be interested to note that there are sponsorship opportunities available, please ask. <https://ior.org.uk/events/rankine2020>

Subscriptions

Council have agreed not to increase members' subscriptions for another year! There has not been an increase in subscriptions since 2015!

Your subscriptions make an important contribution to supporting all of our activities including our publications, lecture programme, our websites and inspiring our 'next generation' of engineers!

Profeng

David Watson (Fellow) continues with his great work in encouraging secondary schoolchildren to choose engineering as a career and arranging inspirational speakers for school visits. In March Steve Lee from Astrostat gave a presentation at a school in Edinburgh and earlier this month two speakers from Abertay University talked to students from Waid Academy (Anstruther) about careers in computer games and ethical hacking

See our Profeng website <http://www.profeng.org/index.html> for aspiring professional engineers

Our new members of Council

At our recent AGM five new members of Council were elected:

Derek Ian Elder

Derek served an apprenticeship with Crouch & Hogg Consulting Civil Engineers. He became a Chartered Engineer in 1984 and was involved in property development, and the policy and strategy of economic development, before taking a secondment to the Confederation of British Industry in 1994. In 1999 Derek returned to Scottish Enterprise as its Liaison Manager at the new Scottish Parliament. He ran his own public affairs consultancy before joining the Institution of Civil Engineers as its Scottish Director in April 2005. Derek returned to public affairs consultancy in April 2011. Derek is keen to use his experience in public affairs to raise the profile of the Institution and of engineering, particularly with politicians and the media.



Graeme Fletcher

After completing his studies at Southampton Institute of Higher Education and an engineering cadetship with BP Shipping Ltd, Graeme spent the next 20 years on various ship types trading worldwide. This culminated in service as Chief Engineer on Irish Sea Ro-Ro ferries and attainment of an Open University Honours Degree. Since coming ashore in 1998 he has been responsible for safety and technical operations both on shore and afloat during a period of great advancement and technical development at Western Ferries (Clyde) Limited. In his spare time, he is an enthusiastic veteran rower and coach for Castle Semple Rowing Club.



Robert Harley

Robert served his apprenticeship with Yarrow Shipbuilders, now BAE Systems Surface Ships. He left to work for Dorbyl in Durban, South Africa, and on returning to Yarrows in 1979, won a company sponsorship to Strathclyde University completing an honours degree in Naval Architecture in 1982.



Robert recently retired from BAE Systems Surface Ships, with a career spanning the Type 22, Type 23, Malaysian Frigates, Brunei OPVs, Type 45 Destroyers, QEC Aircraft Carriers and the Type 26 Global Combat Ship.

Paula Pappas

Paula studied Civil Engineering with Architecture at the University of Glasgow. In 2017, she was a member of the FemEng in Rwanda Team that travelled to Kigali to deliver engineering outreach workshops to schoolchildren in Rwanda. In 2018, she took on the role of Project Manager and returned to Kigali, managing a team of 17 university students and four high school graduates.



Paula graduated last summer with an M.Eng. in Civil Engineering with Architecture and was presented with the Glasgow University Engineers' Society Award Medal and Prize, which is awarded to the First Class Honours Engineering graduate considered most likely to make a notable contribution to the engineering profession and to the well being of their country. Since September 2018, she has been working as a Graduate Structural Engineer at Woolgar Hunter in Glasgow.

Kimberley Travers

Kim graduated from the University of Strathclyde with a master's degree in Naval Architecture and Ocean Engineering in 2012. Since graduation she has been employed by DNV GL (ex. Det Norske Veritas).



Starting on the graduate program, she spent time in the Glasgow, London, Oslo and Rotterdam offices before returning to Glasgow to take up a position as Fleet in Service Surveyor. Kim is currently involved in fleet in service activities throughout the UK and holds position as Flag Liaison Officer between DNV GL and Flag States based in the UK.

Outside of office hours, Kim is a keen hillwalker, climber, skier and is happiest when out in the mountains.

IESIS members enjoyed two visits recently, the first was to the AFRC's state-of-the-art facilities in Inchinnan. Members were delighted to see the tremendous advances that are being made and the successful commercial applications and collaborations. Truly impressive to hear that students and PhD students from all over the world were vying to work there. Who can forget the beauty and science of the friction weld?

Our second was a stimulating visit to the Glasgow Museums Resource Centre. Members felt very privileged to see several of the ship models in the 676 model collection! The Curator of Transport and Technology, Emily Malcolm, provided background and lots of information on several of the ship models (photo above)



Hall of Fame

The Scottish Engineering Hall of Fame Selection Panel, chaired by Past President Prof Gordon Masterton OBE, held its second meeting of 2019 on Thursday 20th June in the Almond Valley Heritage Trust, Livingstone, to decide on this year's Hall of Fame inductees who will be announced at this year's James Watt Dinner. The Panel consists of representatives from the engineering institutions, organisations, historical societies etc.

Panel members had an opportunity to visit the Shale Oil Museum before getting down to business!



The Dorothee Pullinger designed Galloway Car, recently put on display at the Riverside Museum, a previous inductee to the Scottish Engineering Hall of Fame

James Watt Bi-Centenary Year

Several organisations are marking the 200th anniversary since James Watt's death this year. The Incorporation of Hammermen held 'Watt a Celebration' evening on 31st May, attended by many IESIS members (pictured) at Trades Hall. Glasgow University held a symposium and black-tie dinner, again supported by several IESIS members. We will mark the anniversary at our own James Watt Dinner 2019 on 4th October 2019. If you haven't been before why not come along this year?



James Watt Dinner 2019 and the Scottish Engineering Hall of Fame – Friday 4th October 2019 at the Radisson Blu, Glasgow

Posters have been sent out, information is on our website, if you haven't been before why not come along this year? Either singularly, with a friend/partner or as a group (they don't have to be engineers or members) Corporate Tables available or individuals with or without friends, partners, colleagues. Members and non-members welcome. Enjoy a great evening including the announcement of this year's inductees into the Scottish Engineering Hall of Fame and good entertainment. Book early to avoid disappointment.

Please visit our website for further details on events, lecture programmes, history, etc



We are moving!

After several years at the very impressive Clydeport Building, we have decided to move.

The cost of our office at Clydeport has been steadily increasing whilst the numbers that regularly attend our lectures have been rising in excess of the capacity of the Trust Hall in Clydeport to the extent that it is rarely used. Over the last few years we have regularly used the university lecture rooms with greater seating capacity and excellent AV facilities.

Earlier this year an opportunity arose to move in with a 'cluster' of engineering organisations at the premises of Scottish Engineering in West George Street, Glasgow. We will have a stand-alone office within the Scottish Engineering suite, on the same basis as ICE and IMechE. Primary Engineer also have a base there. We will have access to meeting rooms (there are four). The office is centrally located in Glasgow city centre.

Council decided that this offered many benefits including, location, reduction in costs and synergy with other engineering organisations - Laura is also looking forward to having a few more people around!

From July our address will be

IESIS
Scottish Engineering Suite
105 West George Street
Glasgow, G2 1QL



(we will have a postal forwarding service, phone and emails remain the same)



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