



## INTERNSHIPS

Many of us were lucky enough to have had some kind of work experience with engineering companies while studying at universities. From a recent meeting with 5 very impressive Glasgow University students it would appear there is extreme difficulty in establishing contacts with companies to arrange internships. The university may send students 3 or 4 emails with suggestions and that is all. Students don't know which companies to contact and probably don't know how to make those difficult contacts.

We are planning to help in this area where we can. We will:

- a) Update our ProfEng page on the website which tries to set out why school leavers should consider a career in engineering and how to go about it.
- b) Assist in any way we can with CEED Scotland who have a project to bring together students and their 160 member companies. Under the CEED Academy scheme a company

would announce a vacancy for a student to work 8 to 16 hours per week (maybe longer in the holidays) on an engineering project that would help the company – instead of 8 to 16 hours per week at Starbucks! The student would gain experience and be better able to work out what they did, and did not, want to do in their career. The company will get to know the student and be better able to decide whether they might want to offer a job after graduation. In my experience it will also demonstrate the reasons why the student is learning about a particular subject.

The difficult part of this cooperation with CEED (Centre for Engineering and Education Development) is linking student with company. Funding is being sought by CEED that will allow serious resources to be put towards promoting this excellent idea.

If any IES member has an interest to offer internships or can help in any way please contact Laura.



Jemma Quinn, Graham Bibby and I met with some very impressive FemEng students who are planning a working trip to Botswana. We learned that FemEng needs to raise £18,000 to cover the expenses of the 8 girls going to Botswana. With the IES £1000 donation they have only reached £6,000 and July is approaching fast.

'FemEng in Botswana' is an international outreach initiative run by the Females in Engineering Society at Glasgow University. We deliver civil engineering-based workshops to primary and secondary schools to encourage more children, especially young girls, to pursue STEM-orientated futures.

Previously FemEng have visited Rwanda, Malawi, and Kenya as well as last year when we first started delivering the project in Botswana. It was hugely successful, reaching over 1000 students, many of whom attended multiple days of workshops. This year we are returning to Botswana hoping to build upon last year's project and create stronger links between different schools and universities, similar to the Rwanda project run between 2016-19 which was able to deliver opportunities to a wider range of children each year.

To achieve our mission, we need financial help from organisations, companies and individuals willing to support our cause. FemEng in Botswana is an entirely student-led project and therefore relies on the support of sponsors to make such a project possible. We have several materials and costs that require sponsorship for this project to be feasible.

Helping FemEng in Botswana achieve the goals we have set demonstrates a commitment to reducing the gender disparity in engineering and the goal of creating a space where women and non-binary people feel supported at all stages of their engineering careers.

Please find our Sponsorship Proposal attached to this email, in case you'd like to include that too. I am also including more about the Impact the project has made so far: <https://femengbotswana.wixsite.com/femeng-in-botswana/services-1>.

And lastly, our social media and website, where people can engage with the project further, so I will appreciate if you could add them to the bulletin:

LinkedIn: <https://www.linkedin.com/company/92714492/admin/feed/posts/>

Website: <https://femengbotswana.wixsite.com/femeng-in-botswana>

Instagram: <https://www.instagram.com/femengbotswana/?next=%2F>

Thank you,

Yoanna-Rosa Dimitrova

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FemEng in Botswana  
FemEng, University of Glasgow  
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## 17th April, Visit, AGM, Presentation and Social

For those who are interested we have arranged a tour of the mechanical engineering facilities at the James Weir Building, Strathclyde University. The tour will start at 5pm and will finish in time for our AGM at 6.00pm

### AGM\*

Our AGM will finish at 6.15pm

### Presentations\*

We will have three short presentations from:

- FemEng– project Botswana, support their fundraising
- CeeD – linking engineering students to work opportunities
- Strathclyde University initiative linking the university to industry

### Social

The evening will finish with time to have refreshments and meet and mingle with other members and guests.

\*the AGM and Presentations will be online as well as in person.....we would prefer you to join us in person if you can.

## VISITS

Successful visits have been made by 20 members to Clansman Dynamics and by 10 to the new Robotarium at Heriot Watt University.

An evening visit to Howden Compressors has been agreed and the date in May or June is to be established.

There will be a visit to the Verdant Works Museum in Dundee with a talk from the curator on May 27th. Further details will be announced shortly.

A visit to the Falkirk Wheel to look at the refurbishment is being planned – this would be a rare opportunity to go behind the scenes at this iconic landmark

## LECTURE VENUES

Several members have commented that the Lecture Theatre 423 at Strathclyde University is not nearly as good as the McCance Building lecture theatre for the pre-lecture cup of tea, biscuit and chat. We have asked but have been refused permission to use the 'Conservatory' in the McCance Building and a search for alternatives is almost completed – details soon.

## Accessing recordings of our lectures

In recent years we have started to build up a library of recordings of our lectures.

There are two ways to access recordings

1. If you attend a lecture (either online or in-person) a link to the recording will be sent to all who have registered.
2. If you have not registered for a lecture but would like to watch the recording you can either
  - a) Visit the past IES events and follow the links [the links will take you to an Eventbrite page where you will be asked to register and upon registration a link will be given]
  - b) Visit our Eventbrite page, look for our 'watch now' events, register and upon registration a link will be given.





# IES

## LEGACY

For some years IES Council has considered asking members to think about leaving a donation in their wills to the Institution. The practice is becoming more widespread in the charity sector as managing finances becomes ever more difficult. IES has thrived since 1857 with careful management of funds and also thanks to the sale of a building in 1989. We no longer have a buffer of such an asset. The funds from the sale were invested and we are critically dependent on the yield from those investments for half our income.

Most of us join IES because of an interest in engineering and a desire to contribute in some way to the future of engineering. We do manage to balance our books in most years, but we would like to expand the work we do in terms of increasing the range of engineering events and groups we support as well as attempting to get the 'engineers voice' (as opposed to just the economists!) more widely heard in determining government policy! We have decided to ask all members to consider making an amendment to their will to leave something to the Institution which will allow us to continue to support the engineering profession.

Before drafting a new will, updating an existing one or making other plans for your estate it is important to consult your legal adviser.

Gifts in wills to the Institution are exempt from inheritance tax due to our charitable status, there are several ways in which you can leave a gift whilst knowing your loved ones are taken care of:

- A residuary gift: this ensures that all other areas of your will are looked after before your charitable gift is made.
- A pecuniary gift: this secures a fixed sum of money for the area that you wish to support.
- A specific gift: you may prefer to leave an alternative to money as a gift in your will. A specific gift can be in the form of assets such as property, stocks or shares.

Please ensure you speak with a qualified and impartial legal adviser to draft or edit your will. We are unable to offer any legal or financial advice. Please remember the law and guidance may vary depending where in the world you are based.

### **Registered name, address and charity number:**

The Institution of Engineers in Scotland (IES)

105 West George Street, Glasgow G2 1QL

Registered charity number – SC011583

## LECTURE PROGRAMME 2024-25

Once again we have tried to establish a programme that reflects the multi-disciplinary nature of IES.

Those with marine interests can rest assured that 2 of the lectures will be on marine topics. Other lectures will include Dame Judith Hackitt (who chaired the Grenfell enquiry and is now safety director for HS2) who will talk on safety and we will hold our first lecture on the area of Building Services based on lessons from Covid.



## SPECIAL LECTURE

There will be a special lecture at 5 pm on June 4th by Professor George Fleming on the life of John Smeaton to celebrate the tri-centenary of his birth. Smeaton designed various bridges, harbours, lighthouses and canals.

The venue will be in the meeting room at Partick Football Club which looks out over the Forth and Clyde canal – designed by Smeaton. George is a recently retired president of the Smeatonian Society of Civil Engineers.