



## Welcome to our September Bulletin

I am delighted to announce our programme for 2025-26, from Hang Gliders to Silicon Chips there is something for everyone. I am particularly pleased to have some energy themed talks looking at energy storage, hydrogen and ship fuels. I am also delighted that we will have two inductees from the Scottish Engineering Hall of Fame in our programme.

There are some details still to be added, we hope to have those details very soon.

We are enormously grateful for a legacy bequest recently left to us by a member of the Institution.

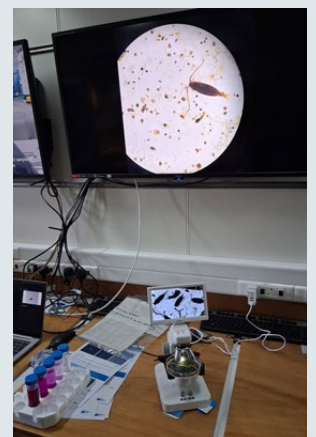
There is still time to buy your tickets for this year's James Watt Dinner, it promises to be a thoroughly enjoyable evening.

## Members' Visit to RSS Discovery

A small group of members were able to join one of the much-in-demand tours of the modern RSS Discovery when the ship was in Dundee Port for just four days!

Very interesting indeed, we visited the bridge, a berth, the mess and kitchen, recreation room, laboratories and were shown sampling equipment, a glider and Boaty MacBoatface

I think we all felt we could have stayed and asked questions for many more hours.





# IES

A MULTI-DISCIPLINARY  
ENGINEERING INSTITUTION  
FORMERLY IESIS

## *James Watt Dinner*

FRIDAY 3<sup>RD</sup> OCTOBER 2025  
18.15 FOR 19.00  
RADISSON BLU HOTEL, GLASGOW





# The Little Engineer who went to Orkney International Science Festival



A little note to say thank you to the Institution of Engineers in Scotland for sponsoring my trip to Orkney to speak at the Orkney International Science Festival in September this year.

of scaffolding and other Temporary Works (all the engineering we use in construction) on the way to meet IES member Professor Susan Krumdieck for dinner and discussions about her work on Carbon and Energy Transition for Remote Communities. Before heading over the road to give my presentation on Temporary Works based on the lecture I gave to the IES earlier this year.



On the Saturday I held a stand at the Family Day where I set construction and drawing challenges and showed children pictures of what it's like to be an engineer. Overall about 100 children present throughout the day.

So thank you for sponsoring this trip and helping me show over 220 kids that they are little engineers who can do anything they put their mind to.

Thanks

Jemma Quin

Initially I was there to give a presentation in remembrance of Prof Iain MacLeod, our member who used to provide lectures and support the festival. Whilst I was there, I decided to make the most of my visit.

I arrived on Thursday, donated copies of my books to the local library, and visited the museum in Kirkwall to get a sense of the local history. I took a few pictures

On the Friday I visited Glaithness and Papdale Primary Schools to run "The Little Engineer" sessions with 120 students. Where I give a brief presentation on being an engineer, set a challenge for them to build a temporary structure out of straws, connectors and space blankets and then we tested them. First, could my Little Engineer fit inside and then could it be blown over by flapping a book at it.





# IES

## Lecture Programme for 2025-2026

### **Hang glider, history of flying in Scotland for over 130 years**

**Angus Pinkerton**

Angus will take us from wooden frames and wire-bracing to aluminium, carbon fibre and stainless steel. A fascinating history of flying and hang-gliding in Scotland!

**Tuesday 23rd September 2025**

In-person at 6.30pm - Registration for In Person

Online at 6.30pm – Registration for Online

### **The Rankine Memorial Lecture**

#### **Carnot batteries and energy polygeneration**

**Prof Vincent Lemort**

A solution to the energy storage question? Carnot Batteries are considered to be one of the most promising large-scale energy storage technologies. Vincent will tell us about his work and the possibilities for the future.

**Tuesday 28th October 2025**

In-person at 6.30pm - Registration for In-person

Online at 6.30pm – Registration for Online

### **Details to be announced**

#### **Speakers tbc**

Details to be announced

**Tuesday 11th November 2025**

In-person at 6.30pm

Online at 6.30pm

### **Joint meeting with RINA**

#### **Hydrogen for the Net Zero Energy Trilemma**

**Nigel Holmes**

This talk will highlight the use of hydrogen as a clean energy vector which compliments the wider electrification of the Scottish and UK energy system, together with examples of current and planned deployments of hydrogen across Scotland.

**Tuesday 9th December 2025**

In-person at 6.30pm - Registration for In-person

Online at 6.30pm – Registration for Online

### **Joint meeting with IMarEST**

#### **Sustainable Marine Propulsion with Next Generation Fuels**

**Paolo Tremuli**

Paolo will explore the transition to green fuels in the marine industry. This presentation covers key fuel sources, including methane, methanol, ammonia, and hydrogen. He will examine how reciprocating engine technologies will adapt and the readiness of turbochargers for these alternative fuels. Paolo will conclude with insights on the industry's path towards sustainable propulsion.

**Tuesday 13th January 2026, 6.30pm**

Please register via the IMarEST website

### **Chips or not: Semi-conductors in Scotland**

**David Milne**

David will describe the semiconductor industry in Scotland from its origins in the early 1970's to the present day including of course Wolfson Microelectronics. David will then consider the impact of government policy and the need for a better Scottish economic performance.

**Tuesday 10th February 2026**

In-person at 6.30pm - Registration for In-person

Online at 6.30pm – Registration for Online

### **Shaky Foundations:**

#### **The Fragility of Cybersecurity in the Modern Age**

**Matt Lewis**

This talk will explore cybersecurity weaknesses in modern systems and through real-world examples, demonstrate how complexities and vulnerabilities in people, processes and technology combine to create opportunities for cyberattacks.

**Tuesday 10th March 2026**

In-person at 6.30pm - Registration for In-person

Online at 6.30pm – Registration for Online

### **Marlow Lecture**

#### **Details to be announced**

**Prof Sir Jim McDonald**

Details will be announced soon

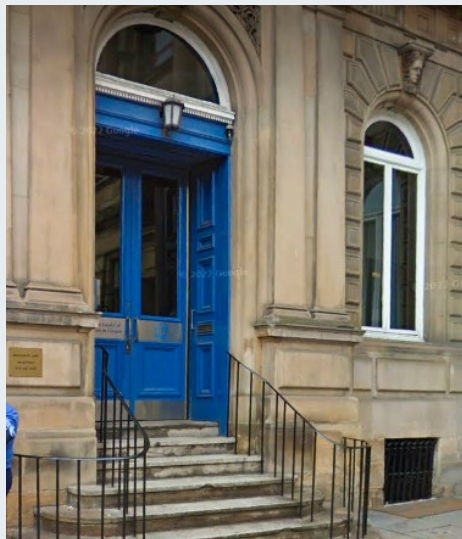
**Tuesday 21st April 2026**

In-person at 6.30pm

Online at 6.30pm

### **AGM – April 2026 – full details will be confirmed in due course**

Our lectures will be hybrid events.



Our venue for lecture is a beautiful room which is very close to Queen Street train station and pretty close to Central train station and Buchanan St bus station.

Our lectures will be held at the Royal Faculty of Procurators in Glasgow (RFGP), 12 Nelson Mandela Pl, Glasgow G2 1BT

We would love to see you in person, if you can't come along please join us via Zoom – you will be very welcome!

The full details and registration (and subsequent Zoom details) can be accessed via our website [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events) or via our Eventbrite page.

**One more detail to note – the lectures will start at 6.30pm**

