

# Lecture Programme for 2023-2024



**IES**  
A MULTI-DISCIPLINARY  
ENGINEERING INSTITUTION

## **What have mathematicians ever done for us?**

**Prof Chris Dent**

How mathematical and statistical thinking have been able to help in addressing real world questions, particularly within current 'hot topics' of energy security, climate resilience and wider public policy.

**Tuesday 24th October 2023**

**In-person** at 6.30pm in room TL423, Teaching and Learning Building, North Portland St, University of Strathclyde, G1 1XN - [Registration for In-person](#)

**Online** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

## **The Rankine Memorial Lecture**

**Crossed Lines –**

**Key strategic lessons learned from the completion of the Crossrail project**

**Mark Wilde**

The compelling story of completing Crossrail and getting the Elizabeth Line open, how the programme found itself in significant disarray and trouble after years of apparent success and an explanation of the key strategic lessons learned.

**Tuesday 14<sup>th</sup> November 2023**

**Online only** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

## **Joint meeting with RINA**

**Following Nature's lead - Bioinspired technologies**

**Prof Adam Stokes**

Bioinspired technologies - how they work and what can they be used for? Where are the limits? What do they replace?

**Tuesday 5<sup>th</sup> December 2023**

**In-person** at 6.30pm in room TL423, Teaching and Learning Building, North Portland St, University of Strathclyde, G1 1XN - [Registration for In-person](#)

**Online** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

**New members are welcome, if you are an Engineer or have an interest in Engineering, if you want to learn about current topics, discuss current topics or give something back we are the Institution for you.**

**Find out more [here](#)**



**Joint meeting with IMarEST  
Scottish Marine Technology Park**

**Speaker tba**

**Tuesday 9th January 2024**

**In-person** University of Strathclyde, Henry Dyer Building room 1.13

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

**Building perimeters – the multi-disciplinary work of façade engineers**

**Gavin Kerr**

Façade engineering and it's (little known) importance in our daily lives! Real-life projects, the challenges in finding the best solution for the client and the building user whilst still addressing function, economy, sustainability and visual effect.

**Tuesday 6th February 2024**

**In-person** at 6.30pm in room TL423, Teaching and Learning Building, North Portland St, University of Strathclyde, G1 1XN - [Registration for In-person](#)

**Online** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

**Batteries – the inside story!**

**Professor Sir Peter Bruce**

Batteries [lay a fundamental role in all our lives for short and increasingly for long term storage. The speaker will provide an overview as well as describing his own research in Oxford.

**Tuesday 5th March 2024**

**In-person** at 6.30pm in room TL423, Teaching and Learning Building, North Portland St, University of Strathclyde, G1 1XN - [Registration for In-person](#)

**Online** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

**Hedgehog or Fox?**

**The new Engineer and the old Philosopher – exploring ethics in 2024**

**Prof Raffaella Ocone**

This talk argues that ethics in engineering is more than the consideration of ethical dilemmas and the application of ethical principles. Ethics in engineering, like philosophy, should determine the course of action.

**Tuesday 16th April 2024**

**In-person** at 6.30pm in room TL423, Teaching and Learning Building, North Portland St, University of Strathclyde, G1 1XN - [Registration for In-person](#)

**Online** at 6.30pm – [Registration for Online](#)

**Full details for all of our events can be found at [www.engineers.scot/events/ies-events](http://www.engineers.scot/events/ies-events)**

**AGM – April 2024** – full details will be confirmed in due course



Our lectures (with the exception of Nov) will be hybrid events.

We would love to see you in person at the Teaching and Learning Building – formerly known as the Colville Building which is three minutes from the McCance Building - please see details below. There is a lift at the Richmond St. level which will take you to level 4, at the Rottenrow level. The lecture room TL423 is on level 4.

If you can't come along to Glasgow City Centre 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 (with the exception of Nov – online only) will start at 6.30pm (to allow as much free parking as possible!)

TL423, Teaching and Learning Building, North Portland St Glasgow, G1 1XN



Contact : IES, Scottish Engineering Suite, 105 West George Street, Glasgow, G2 1QL. Tel 0141 248 3721.

Email [secretary@engineers.scot](mailto:secretary@engineers.scot)

Website: [www.engineers.scot](http://www.engineers.scot)