

Lecture Programme for 2022-2023



IES
A MULTI-DISCIPLINARY
ENGINEERING INSTITUTION

Presidential Address

Making Machines Matters: learning what you don't know!

Dick Philbrick

In this lecture Dick will seek to show that reversing the decline in manufacturing is not only essential but possible.

Tuesday 20th September 2022

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

Scotland in Space

Mick O'Connor

This talk will introduce the audience to the evolution of Scotland's burgeoning 'new-space' industry from satellite manufacturing and spaceflight to quantum computing and in-space manufacture.

Tuesday 11th October 2022, online only

Online only at 6.00pm – [Registration](#)

Full details for all of our events can be found at www.engineers.scot/events/ies-events

The Rankine Bicentenary Lecture

Green Ammonia as a Global Reserve Fuel - Marking the end of Oil and Gas

Dr Mike Mason

This talk will look at the potential of ammonia as a global reserve fuel to replace oil and gas - and to do so cost effectively, securely, and safely.

Tuesday 8th November 2022

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](#)

As well as an in-person event and online via Zoom, this lecture will also be broadcast live at Heriot-Watt University. Attendees at Heriot-Watt need not register via Eventbrite, but should contact Gregor Colville (g.colville@hw.ac.uk) for venue details.

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Joint meeting with RINA

How do we de-carbonise shipping?

An engaging Panel Conversation on the challenges associated with making Green Shipping a reality.

Confirmed Panellists: Neil Young (Babcock International) and Prof. Osman Turan (Uni. of Strathclyde).

Other panellists to be announced.

Online only meeting - registration through Eventbrite and presentation via Zoom.

Tuesday 6th December 2022, registration via [RINA Scottish Branch website](#)



Joint meeting with IMarEST

Orbital - Helping turn the tide on climate change.

Andrew Scott

This talk provides an overview of the bold vision Orbital has created for tidal energy and its aspirations for the future.

Tuesday 10th January 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](#)

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Building passivhaus schools in Scotland

Jonathan Hines

This lecture will outline Architype's radical approach to eliminating the sustainability performance gap in buildings, without which our industry will never meet the challenge of climate change

Tuesday 14th February 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](#)

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Quantum Computing - how to build a REALLY cool computer

Dr Viv Kendon

This lecture will discuss the design and testing of the next generation of superfast, supercool computers, made from single atoms, or tiny superconducting circuits

Tuesday 14th March 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](#)

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Site visit and lecture

NMIS & Boeing developments in Glasgow

Craig Knowles

Members' visit and lecture at AFRC, Inchinnan

Date to be announced - March 2023

Joint meeting with IStructE

Retrofitting buildings

Steve Fernandez

This talk will look at the science and practice of adapting and sustainably retrofitting existing buildings and will be illustrated with real life examples

Tuesday 18th April 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](#)

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AGM – April 2023 – full details will be confirmed in due course



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A couple of changes.....

Our lectures (with the exception of Oct and Dec) will be hybrid events.

We would love to see you in person - we will be using a new venue, 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 – we might not be able to give you a cup of tea but 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 or via our [Eventbrite page](#).

One more detail to note – the lectures (with the exceptions of Oct and Dec) will start at 6.30pm (to allow as much free parking as possible!)

TL423, Teaching and Learning Building, North Portland St Glasgow, G1 IXN



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