

Events Programme

Thursday 24 November 2022 7.00 for 7.30 pm
The Bargeman's Rest, Newport – The Sail Loft room

Navigating The Isle of Wight

John Sole

An illustrated survey of sea-marks, lighthouses and lightships around the isle of Wight showing their location, history and function. In passing it also deals with foghorns, GPS, AIS and virtual AIS, and surprisingly sea-borne gamma- radiation

Thursday 26 January 2023 7.00 for 7.30 pm
The Bargeman's Rest, Newport – The Sail Loft room

50 Years of the Microprocessor

Charlie Dunford

The microprocessor has been with us for a little more than 50 years, several candidates for the first microprocessor were introduced in a short period between 1968 and 1971. This presentation is an opportunity to review these devices and examine the technological breakthroughs that enabled their production.

Thursday 23 February 2023 7.00 for 7.30 pm
The Bargeman's Rest, Newport – The Sail Loft room

Gravito-Electro Magnetism: a new twist on Maxwell's equations applied to gravity

Dr Derek Finch

A run through the history of gravitation and electro-magnetism and the way the two relate to each other

Thursday 30 March 2023 7.00 for 7.30 pm
The Bargeman's Rest, Newport – The Sail Loft room

A brief Isle of Wight Section annual review will precede this lecture.

Cognitive Radar

Dr Ellis Humphreys
BAE Systems

A discussion around the emerging field of Cognitive Radar; the state of the art and the direction in which the field is progressing.

Please continue to visit www.theiet.org/solent for details.
– Updates will also be advised at the above presentations.

Venue

The Bargeman's Rest

Little London Quay,
Newport,
Isle of Wight
PO30 5BS

www.bargemansrest.com

The venue has two upstairs Function Rooms, accessible by an internal staircase from the rear of the downstairs Family Room. The Function Rooms are called **The Captain's Cabin** (smaller room) and **The Sail Loft** (larger room).

Tea and Coffee are provided prior to all lectures.

Map

[Available online.](#)

Car Parking

Car parking is available in public car parks nearby.
(Evening charges are believed to apply)

Useful Travel Links:

www.redfunnel.co.uk (including RedJet service)
www.wightlink.co.uk
www.islandbuses.co.uk

Calum Brown
Chairman
Isle of Wight Section
IET Solent Network
September 2022

Dear Member,

A very warm welcome to the 2022-23 events programme. There has been significant upheaval since our last set of lectures back in 2019-2020, and hopefully this return to in person events is a sign of brighter times ahead. Our programme this year starts in November and comprises four events spanning different technical sectors, with lectures being held upstairs at The Bargeman's Rest in Newport.

Currently the IET online registration system must be used for all events and we will endeavour to help with this prior to events if assistance is sought. Links are provided alongside the details of our events on the IET website accessible from www.theiet.org/solent.

The Isle of Wight Section Committee would value new perspectives, new experience, and new enthusiasm within our community. We are conscious that there are many IET members locally that could make a valuable contribution to the local section committee. Our volunteer committee currently comprises only four members, and our programme may diminish without further volunteering...

The committee meets approximately six times per year in a sociable environment in the evening to plan our events, with each committee member typically tasked with coordinating one event. If you would like to come to one of our committee meetings (without commitment) then please contact us. We look forward to hearing from you.

The committee also engages with other local organisations, including the Institution of Mechanical Engineers (IMechE), Royal Aeronautical Society (RAeS), British Computer Society (BCS), and the Institution of Civil Engineers (ICE). We endeavour to promote each other's events for the benefit of members.

We look forward to seeing you at one or more of our 2022-23 events, and welcome both members and non-members at all our events in line with the IET mission.

On behalf of the IET Solent Network, Isle of Wight Section

Calum Brown MEng MIET

IET Solent Network Isle of Wight Section Committee

Preferred contact method is via the website form at www.theiet.org/solent or via SolentLN@ietvolunteer.org
- Please include 'Isle of Wight' in the subject line

Chair –

Mr Calum Brown MEng MIET

Honorary Secretary –

Mr Dave Miller BEng (Hons) CEng MIET

Honorary Treasurer –

Mr Matt Hague MPhys MIET

Committee Members –

Mr Charlie Dunford BEng MIET

Other events of potential interest

Lectures by other organisations and other events of potential interest to members may be found at <http://events.onthewight.com>



Institution of Mechanical Engineers: www.imeche.org
Royal Aeronautical Society: www.aerosociety.com
British Computer Society: www.bcs.org
Institution of Civil Engineers: www.ice.org.uk

Copies available online or at events
No longer distributed by post



Solent Network, Isle of Wight Section

Programme of events 2022-2023

The Institution of Engineering and Technology has more than 150,000 members worldwide. It is the largest professional engineering society in Europe and the second largest of its type in the world.

The Isle of Wight Section of the IET Solent Network comprises approximately 250 members of the IET who have an Isle of Wight address (home or work) registered with the IET.

The Isle of Wight Section Committee comprises a number of volunteers who undertake the organisation of local activities on the island and report to the IET Solent Network. The activities undertaken are typically lectures and occasional technical visits as well as an annual review open to all members.

Our annual programme of events, together with Solent Network events and all national and international events, can be found on the main IET events calendar at www.theiet.org/events. The facility exists to add reminders of events to compatible email calendars e.g. Microsoft Outlook. The Solent Network programme of events which includes the Isle of Wight Section can be found via the events page at www.theiet.org/solent.

This year's Programme Card has not been distributed by post, as it was in previous years. Copies are available online, via the link above, or at our events. The Programme Card may be refined during the session.

If you wish to provide any feedback or questions to the Isle of Wight Section Committee, have an idea for a future lecture, or wish to become more involved in local activities, then please email us via the IET website. SolentLN@ietvolunteer.org

www.theiet.org/solent