

**Small Modular Reactors  
Talk by Dr John Jones, Technical Director, Fairlie Associates**

10<sup>th</sup> October 2024 – 10.30 for 11.00 am  
Glendower Hotel, Lytham St Annes, North Promenade, Lytham Saint Annes FY8 2NQ  
[Contact – Glendower Hotel](#)

Dr Jones started his career in the nuclear industry as senior Lecturer in Nuclear Design at the Royal Naval College, where he led a team designing a small nuclear reactor with Rolls Royce. He then joined the Central Electricity Generating Board and was the Responsible Engineer for the safety case permitting the first fuel reload of Sizewell B, the only Pressurised Water Reactor in the UK. Latterly, he joined the Nuclear Installations Inspectorate (now ONR), where he worked on Generic Design Assessment of new reactors, and became the Professional Lead for Nuclear Fuel.

Dr Jones will explain what went wrong with the existing reactor designs and why we need to change. The current energy mix will be considered briefly and the potential role of nuclear power. Then the concept of small (and not so small) modular reactors will be discussed and a consideration of the obstacles that need to be overcome to make them a reality.



Parking and disabled facilities are provided, and tea/coffee will be available on arrival from 10.30 am with the talk commencing at 11.00 am. This will be followed by an optional 3-course lunch, costing £25. All members, their partners and guests, are very welcome.

Prior booking is essential, whether staying for lunch or not, as space is limited. Early application is strongly advised. Send Booking Form to Richard Freeman, details below.

**2024/25 Programme Overleaf**

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## BOOKING FORM

Please send your application by 3<sup>rd</sup> October 2024 to Richard Freeman. email: [richard.freeman@talktalk.net](mailto:richard.freeman@talktalk.net)  
Tel: 01772 685288. Address: 52, Bryning Lane, Wrea Green, Preston. PR4 2NL

Please send any queries to Richard. Applications will be confirmed by email or post.

Please reserve..... places for the talk & lunch / talk only (please delete as applicable) at the Glendower Hotel, Lytham St Annes on 10<sup>th</sup> October 2024. The optional lunch is £25 per person.

I have paid by (please delete as applicable):

1. BACS to Business Current Account: 'Friends of IET Lancs & Cumbria'. Account number: 20812353; Sort code: 01-00-61; Reference – Your surname and date of event. **I attach a receipt for my electronic payment.**

or

2. I enclose a cheque, payable to 'Friends of the IET, Lancs & Cumbria'

for £.....

Please give forenames and surnames of all those applied for, and please STATE any special dietary requirements such as VEGAN, VEGETARIAN etc

Name(s)..... Dietary.....

Your contact details: Phone .....

Email address, or address, (that we can use to send acknowledgement)

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**Programme 2024/25**

**All meetings are 10.30 for 11.00am**

10 <sup>th</sup> October 2024	‘Small Modular Reactors’ - Dr John Jones. <i>Glendower Hotel, Lytham St Annes</i>
5 <sup>th</sup> December 2024	‘Eden North Project’ - Tracey Robbins from Eden North Project. <i>Netherwood Hotel, Grange-over-Sands</i>
20 <sup>th</sup> February 2025	‘BESS Solar Farm / Battery.’ (West Moss Lane, Ballam) – Speaker TBD. <i>The Villa, Wrea Green</i>
15 <sup>th</sup> May 2025	‘Problems & Challenges of Water and Sewage Projects’ - Helen Clarkson, Effective Takeover Manager at VolkerStevin C2V+. <i>Shap Wells Hotel, Shap, Cumbria</i>
23 <sup>rd</sup> October 2025	‘Pooley Bridge Replacement’ - Anthony Mulligan, Eric Wright Ltd. <i>Crooklands Hotel, Crooklands, Kendal</i>
4 <sup>th</sup> December 2025	‘Stars’ TBD, - Speaker TBD, <i>Netherwood Hotel, Grange-over-Sands</i>