

Hydrogen Trains and Their Place in Decarbonising the Railway

3 Speakers
Event!!!

Tim Burley, Eversholt Rail;
Mike Muldoon, Alstom Transport;
David Shirres, Rail Engineer.



19 March 2020 – The Quadrant (MK9 1EN) Milton Keynes, F-G01

Arrivals and refreshments from 17:00

Talk starts at 17:30 and ends around 19:00

Description

We have an impressive line-up of speakers for this event. Firstly, **David Shirres** from Rail Engineer magazine will consider the **most appropriate mix of hydrogen, batteries and electrification** to show how much electrification is required for a zero-carbon railway. In doing so it will outline the benefits and constraints of hydrogen. This will be followed by **Tim Burleigh** from Eversholt Rail and **Mike Muldoon** from Alstom Transport talking about **Project Breeze** which is developing the UK's first operationally ready hydrogen-battery hybrid train based on the ex-BR class 321 EMU which is owned by Evesholt Rail. They will describe the development of the trains and outline where they might be used.

About our speakers:

David Shirres retired from Network Rail in 2009 after a long railway career (T&RS depots, safety, training and infrastructure project management). Since 2010 he has written almost 200 articles for Rail Engineer (Editor of the magazine since 2016). His other retirement roles include Chair and Secretary of the Railway Division's Scottish Centre.

Tim Burleigh is Head of External Relations at Eversholt Rail, one of the UK's leading rolling stock owning companies. In this role he leads the establishment and development of strategic relationships with national and regional transport authorities, passenger-facing stakeholders, Network Rail and other rail industry organisations. He is heavily involved in the company's innovation programmes. Tim is a Board member of the Institution of Mechanical Engineers' Railway Division.

Mike Muldoon is Head of Business Development, Alstom UK & Ireland. In this strategic role, Mike is responsible for leading and overseeing the innovation, business development and sales activities of Alstom in the UK and Ireland. Mike has worked in the rail industry since 1989 starting his career designing trains for the UK, Europe and Asia. He moved into project roles running a number of rolling stock and signalling projects for Alstom in London before becoming Tenders Director for Alstom UK&I in 2010.

The Event is FREE and open to all!

Light refreshments will be provided prior to meetings. Please book, if you can, to assist catering numbers using either the QR code or the link below. If you cannot book feel free to attend it anyway.



<http://nearyou.imeche.org/near-you/UK/Eastern/milton-keynes-rd-centre/Events>