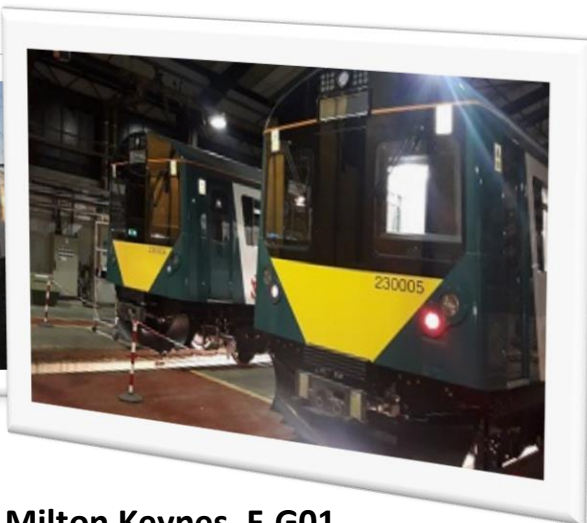


## **TRAINS FOR THE FUTURE**

Dave Horton, Vivarail



**14 March 2019 – 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**

Vivarail was born in 2015. In four short years the company has design, built and had mainline certified its first 3-car diesel electric multiple unit (230001), the UK's first battery-only EMU for 50 years (230002), a fleet of three 2-car DEMUs for West Midlands Trains and is now in the middle of building a further five 3-car diesel-battery hybrid trains for Wales and Borders. At the same time the company is pushing ahead to develop a hydrogen fuel-cell variant, a battery train for the US market, and a fast-charging system which it hopes will become the new UK standard for such technology.

This talk will present the story of Vivarail so far and give an overview of the exciting future in store.

### **Speaker**

Graduating from Imperial College, London in 2007, Dave Horton is a Chartered Mechanical Engineer who has spent over a decade in the rail industry. His first seven years were spent at Bombardier in Derby on bogie design working on bogies destined for all corners of the globe. Moving into the 'real railway', Dave then spent a couple of years as a Field Maintenance Engineer at Central Rivers and Etches Park depots working on the Class 22X Voyager and Meridian DEMU fleets before taking a diversion into the heritage scene as Head of Mechanical Engineering at the West Somerset Railway. In September 2018, Dave joined Vivarail as a Project Engineer and in October 2018 became Chief Engineer covering the company's engineering portfolio.

### **The Event is FREE and open to all!**

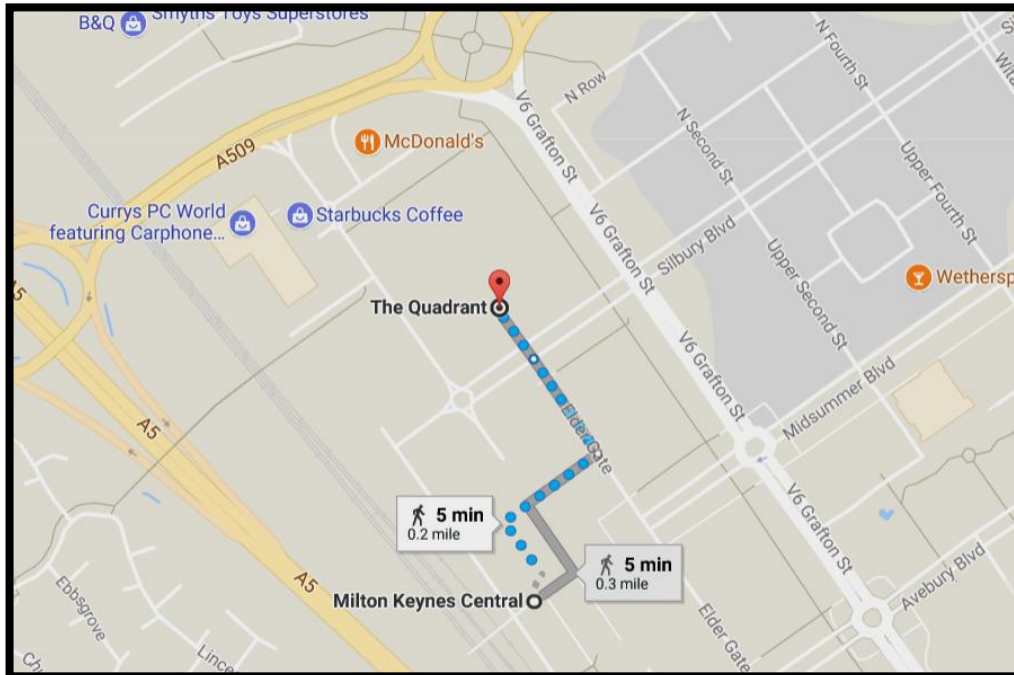
Light refreshments will be provided prior to meetings. Please book, if you can, to assist catering numbers using either the QR code or the link below. If you cannot book feel free to attend it anyway.



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

## Parking

Parking in the car park between The Quadrant (NR Office - MK9 1EN) and V6 Grafton Street costs £0.50 per hour by cash machines. Parking is free after 18:00.



## Next Event

### CAF: TRAIN INTRODUCTION

Engineers in the earlier part of their careers present on interesting engineering projects.

**18 April 2019 – The Quadrant (MK9 1EN) Milton Keynes, G-01**

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