

**RAILWAY ELECTRIFICATION: WHY 25KV?**

Graeme Brindle, Amey Consulting

**15 November 2018 – 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**

On numerous occasions during his long career on the railways of Britain, Graeme Brindle was asked, often by new BR Graduates, why we had third rail south of the Thames (mostly), but overhead wires to the north. At the risk of being “brindled”, the short answer was “that’s a long story”. Thus Graeme developed this illustrated talk which takes the audience from the origin of electric traction up to the present day, looking at how systems developed differently around the World as a result of technical requirements and limitations as they changed with time.

**Speaker**

A lifelong transportation systems Electrical Engineer, he joined British Rail in 1973 and eventually became the Electrical Engineer of the Western Region in 1987. Leaving BR in 1990, he went to the Channel Tunnel where he spent 6 years in a variety of senior electrical roles and then moved onto guided road transport systems with AEG (subsequently Alstom). He returned to “mainstream” railway power engineering in 2001 when he joined Amey (Professional Head of Electrical Engineering and currently part-time as Technical Director) where he has specialised in the niche field of signalling power supplies and EaWR compliance.

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

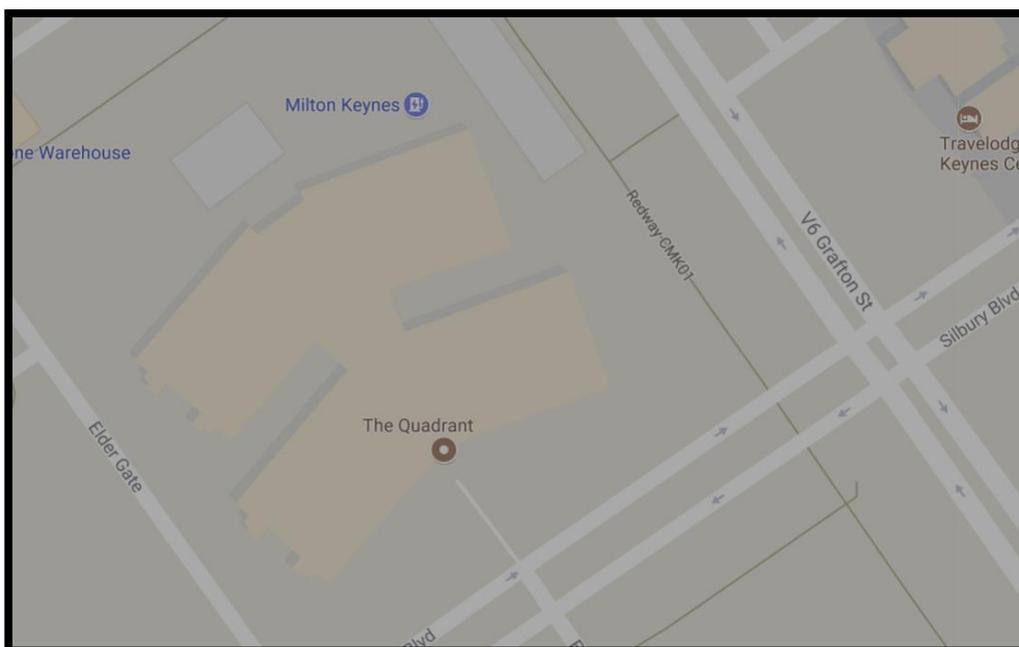
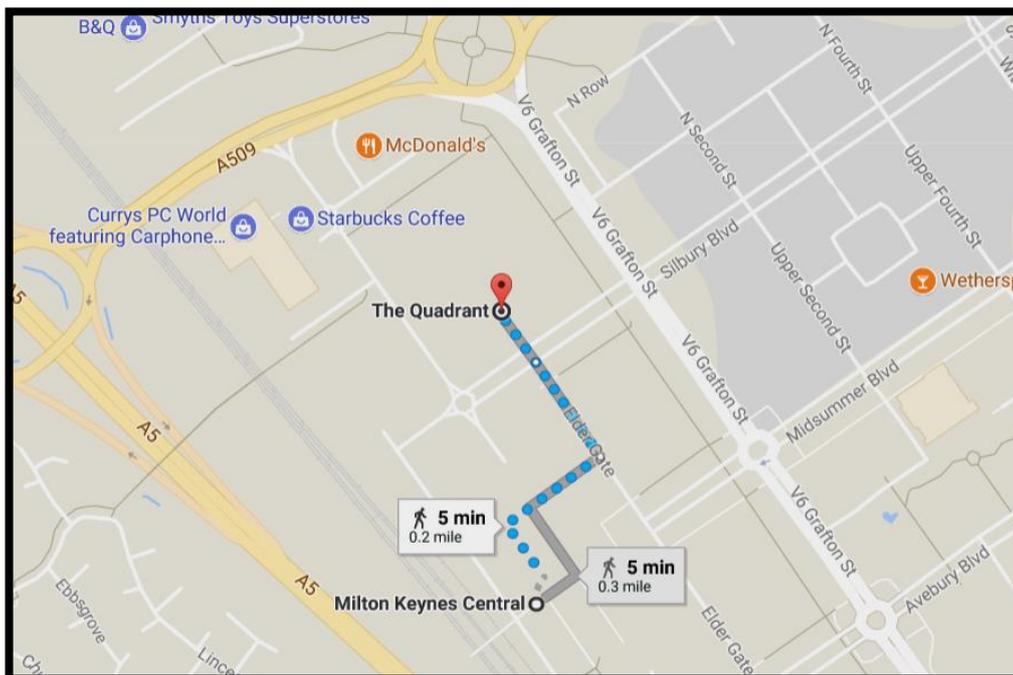
Light refreshments will be provided prior to meetings. Please book, if you can, to assist catering numbers using either the QR code or the link below. If you cannot book feel free to attend it anyway.



<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

### THE VOGEL R3D RAIL SURVEY SYSTEM

SPEAKER: Stephen Wolski, Plowman Craven

**6 December 2018 – The Quadrant (MK9 1EN) Milton Keynes, G-01**

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