

**A CAREER IN CONTROL**

Roger Goodall: Professor of Control Engineering  
University of Huddersfield and Loughborough University



**17 January 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**

Professor Roger Goodall will provide insights into the challenges, opportunities and rewards of a control engineer. His lecture will start by looking back at some of the control system fundamentals and will continue by talking about some of the applications and key achievements that have marked his career including Maglev Trains, Tilting Trains, Active Suspension Systems, “Mechatronic” bogies, Sensing Systems for Aircraft and, most recently, an innovative Railway Track Switch.

**Speaker**

Roger Goodall spent 14 years in industrial research before he took up an academic position in the Department of Electronic and Electrical Engineering at Loughborough University, where he is currently Professor of Control Systems Engineering on a part-time basis.

He is also a part-time professor at University of Huddersfield. His research is concerned with a variety of practical applications of advanced control, usually for high performance electro-mechanical systems. Specific projects are concerned with active railway vehicle suspensions, advanced sensor systems for aircraft flight control systems, and advanced concepts for control technology in general. His projects are characterised by strong industrial collaboration, having worked with companies such as Alstom, BAE Systems, Bombardier Transportation, and this is supported by excellent links with universities and research organizations worldwide. Roger is a Fellow of the IMechE and is a past Chairman of the Railway Division.

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

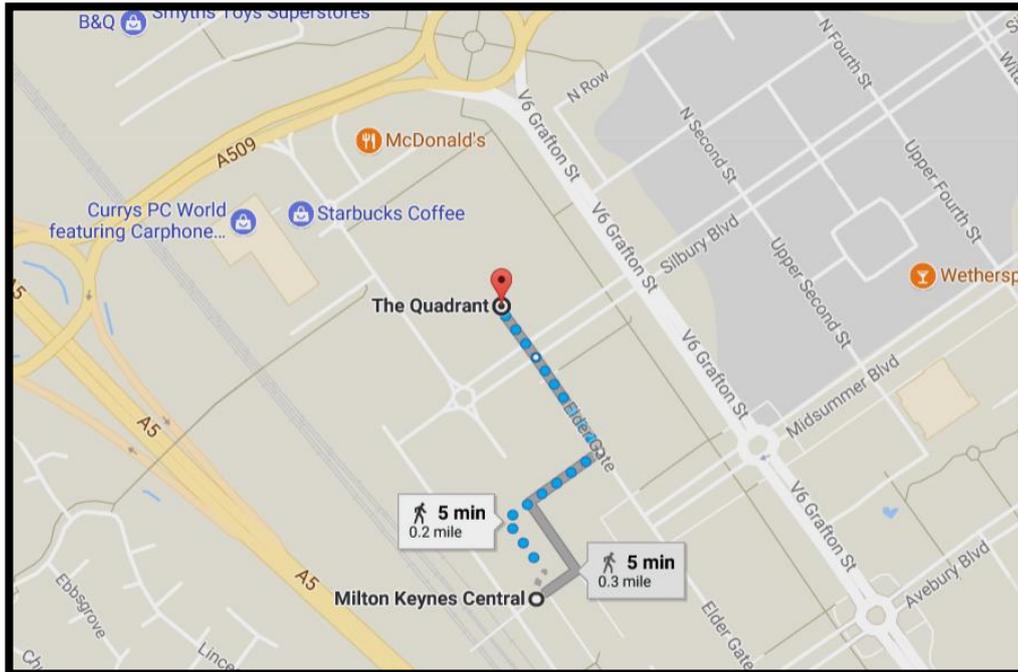
Light refreshments will be provided prior to meetings. Please book, if you can, to assist catering numbers using either the QR code or the link below. If you cannot book feel free to attend it anyway.



<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 FUTURE OF RAIL PRESENTATION

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

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

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