WHEELS VS. RAILS
APPLYING NEW TECHNIQUES TO OPTIMISE RAIL MAINTENANCE

7 November 2016
Institution of Mechanical Engineers,
One Birdcage Walk,
London

FREE AND OPEN TO ALL

PRESENTED BY:
Dr Paul Allen
Assistant Director, Institute of Railway Research,
University of Huddersfield

www.imeche.org/events/TLE6386
WHEELS VS. RAILS
APPLYING NEW TECHNIQUES TO OPTIMISE RAIL MAINTENANCE

7 NOVEMBER 2016

INCREASING TRAFFIC IS GOOD NEWS FOR RAIL AS A WHOLE, BUT INEVITABLY INCREASES WEAR AND TEAR.

With less time for engineers to carry out maintenance work, the team at the University of Huddersfield have been advising Crossrail on the most innovative and effective ways to solve the dilemma of more work in less time. Dr Paul Allen will illustrate how vehicle dynamics modelling and new rail damage prediction tools are being used to predict rail maintenance needs on the challenging Crossrail track alignment.

This lecture will be as relevant to the Railway Division as it is to the Tribology Group, as it considers the rail engineering aspect of maintenance work alongside the physical capabilities of the materials used.

OTHER EVENTS TO LOOK FOR:

HIGH SPEED RAIL TECHNOLOGIES
26 September 2016
Institution of Mechanical Engineers, London

Supported by the National Rail Museum, this seminar will look at the 40-year history of high speed rail and how to plan the future infrastructure.
www.imeche.org/highspeedrail

INTERNATIONAL RAIL ACCIDENT INVESTIGATION CONFERENCE
15-16 November 2016
Institution of Mechanical Engineers, London

Update your knowledge and best practices of accident investigation through two days of international, industry-led lectures, workshops, training modules and open discussion forums.
www.imeche.org/railinvestigation

PROGRAMME
17:15  Registration and refreshments
18:00  Lecture to commence
19:30  Lecture to conclude. Q&A session

FOR MORE INFORMATION:
VISIT:  www.imeche.org/events/TLE6386
CALL:  +44 (0)20 7973 1251
EMAIL:  eventenquiries@imeche.org

Improving the world through engineering