ELECTRIFICATION
DELIVERING THE BUSINESS CASE

1 OCTOBER 2020 GLASGOW ROYAL CONCERT HALL

The Scottish Government has recognised the benefits of a rolling programme of electrification and Network Rail Scotland is developing those plans. Electrifying an existing railway requires the electrification system to be integrated into the broader railway system: the configuration of the traction system and its constituent parts has implications for the operation, maintenance, and performance of the railway. The challenge facing engineers of all disciplines is to simplify the systems integration task so that it supports a rolling programme of electrification rather than impedes it. This seminar will help engineers across the railway disciplines understand the implications of converting a route to electric traction, and explore ways in which system specification, design, and implementation can support a rolling plan.

01/10/2020 09:00 - 16:30   £70 MEMBER / £120 NON-MEMBER / £10 STUDENT

PLANT AND MACHINERY
SUPPORT TO RAIL INFRASTRUCTURE RENEWAL AND MAINTENANCE FOR THE 2020s AND BEYOND

4 NOVEMBER 2020 SWINDON STEAM MUSEUM

European railway networks are booming and the demand for rail travel continues to increase. As train services to meet this demand are added to the network, access to carry out maintenance and renewal work is at a premium. The pressure to do more work in shorter possessions drives a requirement for more productive, mechanised, work delivery methods. Effective, safe, and highly productive plant is an essential component of this. Plant and the methods and strategies to deploy it that can together deliver high-quality, durable infrastructure at lower unit costs is crucial to meeting industry challenges, along the way it must play its part in reducing rail sector carbon emissions and other environmental impacts, and in improving the performance and reputation of the railway.

This seminar will provide delegates and speakers with an opportunity to understand and debate the requirements for plant to meet these challenges, and the solutions that are being deployed and developed to deliver them.

04/11/2020 09:00-16:30   £70 MEMBER / £120 NON-MEMBER / £10 STUDENT

SAFETY
ON TRACK FOR A SAFER RAILWAY

EARLY DECEMBER 2020 INSTITUTE OF PHYSICS, LONDON

For infrastructure engineers, delivering a railway that is safe for the people who use it, work on it, and interact with it will always be a paramount responsibility. Welcoming guest speakers from RAIB, CIRAS, Plasser and Network Rail’s Safety Task Force, this seminar will provide delegates and speakers with an excellent opportunity to understand and discuss important aspects of railway safety, helping them to discharge this responsibility effectively. The seminar will include topics such as: worker safety and the current actions and programme in place to ensure people go home safe everyday / Particular safety considerations within the railway environment, for instance: electrification systems, working with plant / The importance of reporting and building safety into everyone’s behaviour / Reviewing significant historical railway accidents to understand root causes and reinforce the lessons learnt.

TBC/12/2020 12:00 - 17:00   £40 MEMBER / £70 NON-MEMBER / £5 STUDENT

The seminars dates shown here have been set on the basis of the best advice currently available. Should the emergency continue into the Autumn we will hold seminars as an on-line event or defer into 2021.

We remain very grateful for the patience and support of sponsors, speakers, and delegates. We wish all well and trust you will continue to bear with us through this difficult time.