

Fixed Track Forms for High Speed Lines



PWI/UEEIV 2016 TECHNICAL CONFERENCE



11TH OCTOBER 2016

MANCHESTER
CONFERENCE CENTRE
UK

78 Sackville St, Manchester M1 3NJ

£85 PWI & UEEIV MEMBERS
£150 NON MEMBERS

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UEEIV and PWI are jointly hosting a new, exciting and relevant International Conference in Manchester. UEEIV is a European rail business interest group incorporating institutes of railway engineers and suppliers in Mainland Europe. PWI is the UK Engineering Council affiliated professional body for rail infrastructure engineers with global membership.

Both organisations have run a wide variety of conferences, conversations and seminars covering rail infrastructure engineering and rail technology topics for many years. This is the first time they have come together to jointly spread best practice and discuss common issues, problems and innovations associated with slab track on high speed railways.

The title of the seminar, "Fixed Track Forms for High Speed Lines" is very pertinent to the UK and Europe's current and future strategies for expanding their high speed network.

There will be eight speakers, four from Europe and four from the UK. Niall Fagan, HS2 Chief Track Engineer, will give the keynote address.

PAPERS FOR THE SEMINAR WILL COVER:

- Alternatives to suit UK terrain, geology, existing infrastructure and proposed horizontal/vertical alignment
- Noise and vibration impacts of differing configurations and systems
- Different performance characteristics between standard and resilient slab track systems in tunnels
- Replacement or renewal of slab track units in overnight possessions
- Earthworks of significant height with slabtrack; settlement mitigation during construction and maintenance
- Transitions from ballasted to slab track at high speeds including links to existing railways

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