INCOSE UK Rail Interest Group

Introduction

The INCOSE UK Rail Interest Group has been in operation since 2004. It is not a working group – it does not develop products . Instead, it concentrates on providing a forum for the exchange of experience, ideas and inspiration and it is very good at what it does. It has organised well over 50 presentations, including one from the President of INCOSE.

Events are open to people who are not INCOSE members – we provide an INCOSE shop window for the rail industry and try to contribute to the expansion of INCOSE membership in that sector.

You do not have to work in the rail industry in order to participate in events.

Overview

Previous events have included:

- Presentation on the **Management of Interfaces in the Rail Industry** by Paul Davies

- Presentation on the question : **How could systems thinking help rail adopt new technology and improve faster?** by Oliver Bratton, MTR Corporation Ltd

- Presentation on **Systems Engineering Considerations for the Application of Augmented Reality in an Operational Railway Environment** by Neil Hall, Reality Applications, Chris Lowe, Liv Systems Ltd and Mike Mangroo, TfL

- Presentation on **Moving Modelling into the Mainstream** by Nigel Best, Network Rail

Future events will include:

- Presentation on the **Cooling the Tube Project** by London Underground, at WSP Parsons Brinckerhoff's offices in London, 1700H-1830H, 10th November 2015

- Visit to the **Thameslink Systems Integration facility** at Network Rail's offices in London, 1645H-1830H, 8th December 2015

There is no charge for attendance at the events above but places must be booked in advance. Bookings will open soon.

We are also considering organising a half-day workshop on railway system safety and security. If you would be interested in taking part, please let Bruce Elliott know

.

Core Objectives

Our objectives are:

- To provide a forum for those interested in Systems Engineering in rail to network in a less formal environment, to exchange good practice and to provide mutual support in an area which can require some sustained perseverance

- To promote, improve and share the practice of Systems Engineering within the rail industry

- To foster connections with other professional bodies within rail and thereby promote cross fertilisation of knowledge and experience across sectors and community disciplines

- To promote awareness of INCOSE UK and encourage membership within the rail industry

Activities & Outputs

Our typical event is an hour-long presentation in central London, followed by a trip to the pub. The hour–long format allows us to hear from busy practitioners and central London is the least bad location for the greatest number.

We have, however, organised events in Manchester, Birmingham and Loughborough.

We have also organised a number of day-long events, including two successful workshops in collaboration with the Institution of Asset Management and the Association for Project Management to explore how systems engineers could work better with other system-oriented disciplines.

Attendance at evening events is generally free of charge. A small fee is charged for attendance at day-long events.

How to get Involved

For further information, look at our page on www.incoseonline.org.uk or contact the Chair, Bruce Elliott, on bruce.elliott@incose.org. We maintain a mailing list and, if you would like information about our events sent to your inbox, ask Bruce to add you to the list.