

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

Future events include the following

- **Avoiding going the long way around on railway projects** (to be preceded by AGM), Bruce Elliott, Arbutus Technical Consulting, 1700H for 1730H, Tuesday, 25th November 2014, London

Bruce will be summarising some of the main findings from 8 years of PhD research and perhaps challenging some of your preconceptions about how railway projects work and how SE can deliver benefits on them.

- **The Systems Engineering Approach taken on the Northern Hub and Electrification Rail Upgrade programme**, Kevin Gedge, Parsons Brinckerhoff, 1700H for 1730H, Tuesday, 9th December 2014, London

An update on two projects that we already heard from.

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

- **Railway Operations and Systems Engineering Workshop: Putting whole railway conception into practice on railway projects**, 0900H-1700H, Wednesday, 4th February 2015, London

Systems Engineering is (or at least we think it should be) a collaborative discipline. We are now delighted to be working with the Institution of Railway Operators (IRO) - an organisation whose members are used to conceiving the whole railway as a system - to explore how we might integrate technical and operational assets of railway projects better. This is a timely opportunity to tackle a topic of huge importance. We hope you will consider taking part and will pass the information to your colleagues.

Attendance costs £96 inc. VAT for INCOSE/IRO members and £120 inc. VAT for non-members. You book for this workshop via the IRO at www.railwayoperators.co.uk.

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 organised 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. We are organising a third such workshop with the Institution of Railway Operators (see left).

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@arbutus-tc.co.uk. 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.