



# INCOSE UK Chapter Rail Interest Group

## WHAT HAVE WE LEARNT FROM 15 YEARS OF RAIL SYSTEM ENGINEERING?

Dr Bruce Elliott, Altran

Wednesday, 20th January 2021, Virtual Workshop  
7:30 PM – 9PM UK Time

The INCOSE UK Rail Interest Group (RIG) has been operating now for more than 15 years. During that time we have heard presentations on a vast array of experience. It seems time for us to reflect on what we have learnt from that and to make those lessons available to those who have influence on how rail projects are run.

The RIG Committee has started to accumulate a list of lessons learned, drawing upon the committee members' experience. Now we would like to tap into the knowledge and experience of the full membership of the RIG.

This 90-minute-long event will not be a traditional presentation. Members of the RIG committee will present the objectives of the exercise and, as a starting point for discussion, the committee's list of lessons learned. The majority of the time, however, will be spent hearing proposals from the participants for amendments (addition, deletions or revisions) to the list and voting on these amendments. At the end of the session, we hope to have a better list that all participants can support.

Participants in the discussion will receive further briefing material shortly before the event. The results of the discussion will be recorded and made available to the entire RIG membership. We will also be looking for an opportunity to publish the results more widely, so, by participating in this event, you will have the opportunity to help decision-makers make decisions about projects that will result in more effective SE and better outcomes.

If you would like to be involved, please register your interest with Bruce Elliott, [bruce.elliott@altran.com](mailto:bruce.elliott@altran.com).

*The International Council on Systems Engineering (INCOSE) is an international professional society for systems engineers whose mission is to foster the definition, understanding, and practice of world-class systems engineering in industry, academia, and government*

*The INCOSE UK Rail Interest Group has been formed:*

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

*For further information about the RIG, see [www.incoseonline.org.uk](http://www.incoseonline.org.uk) and follow the 'Groups' link.*