



INCOSE UK Chapter Rail Interest Group

The Roots of Rail Systems Engineering

Eddie Goddard

1730H for 1800H, Tue 11th May 2010, London

Eddie has had a 46-year long career in London Underground, from apprentice to Chief Engineer. He will describe his experience of designing and commissioning signalling systems from traditional fail-safe systems to communications-based systems of today.

A lifelong advocate of Systems Engineering, he will describe his experiences of introducing SE principles from the 1960's to today. Using excerpts from the presentations he used to try to give an insight into what SE can do, he will explore the reasons that some people are so reluctant to take them on board.

He will also cover his work on national and international committees during the formulation of safety standards and contrast the safety regime of today with that when the Victoria Line was first commissioned.

Please note changed venue below

*The meeting will take place at the offices of **Finmeccanica UK Ltd. 39 Victoria Street London SW1H 0EU**. Non-members are welcome and there is no charge for attendance but places must be booked in advance. To book, obtain directions or for any other questions, please contact the RIG Chair, Bruce Elliott at bruce.elliott@arbutus-tc.co.uk or on +44 (0)7970 694043.*

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, see www.incoseonline.org.uk and click on the 'Groups' tab.