



RINA & IMarEST
Southern Joint Branch
Presentation Announcement

Assurance of Human Factors

Dr. Jonathan Earthy



The human component of systems has a significant effect on performance and safety. Design for and integration of this component needs to be assured. The presentation will describe work by Lloyd's Register towards this goal.

Popular misconception about the Human Element and the necessity to address this topic will be reviewed. Ergonomics will be related to Class and the challenges presented by the evolution of technology. Human-centred design will be introduced with examples and an explanation of how this can be addressed within a Class framework. The broader issues of and barriers to marine assurance of human-centred quality, the Alert! initiative and supporting Guides will be described.

Dr Earthy has worked for Lloyd's Register for 24 years. He is technical lead and coordination for human factors in LR Marine including the R&D programme & the introduction of Ergonomics into Class. His technical speciality is the assurance of the quality of Human Factors Integration and human-centred design. His other research interests are: the introduction of human factors into the marine industry, standardisation of human factors, sociotechnical systems, and system resilience.

1830hrs for 1900hrs
Wednesday October, 26th 2016

University of Southampton, Building 175,
Room 1025, Engineering Centre of Excellence,
Boldrewood Campus, Burgess Road,
Southampton, SO16 7QF. (Access via building 176)

Non-members welcome

Please register

<https://form.jotformeu.com/62797387711368>

Technical Secretariat | Rick Pond & Bari Khan
E: techsec@southernjointbranch.org.uk

LinkedIn Southern Joint Branch [Programme of Events](#)
Join our [LinkedIn Group](#) to receive event updates throughout the year