



APTA SE + INCOSE TWG + INCOSE UK RIG
2021 Joint Monthly Membership Meeting & Webinar Series

Thursday, November 18, 2021
2:30pm – 3:30pm ET, 7:30pm – 8:30pm GMT

Systems Engineering: Brunel Managed Without It!

Building railways has always been a complicated task but the scale of the projects we take on – in part driven by the pace of change and the demands of obsolescence – means building railways is a greater challenge than before. In this talk, we will explore the additional complexity of modern railway projects, why the traditional approach to delivery is no longer feasible and what we do to solve the problem.

Presenter:

Tim Whitcher – Deputy Service Leader (Digital Railway Services), WSP UK

Tim Whitcher is an associate director and the Deputy Service Leader for Digital Railway at WSP in the United Kingdom. He brings more than a decade of professional engineering delivering mission and safety critical systems. He is a practicing systems engineer as well as digital systems specialist and has worked in roles from assistant tester to technical authority. Over the last 10 years, Tim has focused on helping people understand the complexity of the challenge and build resilience in their projects and systems.



Tim is a Chartered Engineer and holds a B.Eng (Hons) in Electromechanical Engineering from the University of Southampton, Certificate in Systems Engineering from the University of Oxford and an MBA from the University of Leicester.

Upcoming 2021-22 APTA SE + INCOSE TWG/RIG Joint Monthly Webinar Dates

Dec 16, 2021	APTA Systems Engineering Standards Update
Jan 20, 2022	Digital Railway: The State of the Art and the Art of the Possible



Joining the Webinar

Please refer to the meeting notice on the next page for virtual Zoom meeting information.

NOTE: This meeting will be recorded and uploaded onto INCOSE YouTube Channel.

By participating in this meeting, you agree that your communications will be recorded at any time during the meeting.

<https://www.youtube.com/c/INCOSETransportationWorkingGroup>

INCOSE TechOps-Applications is inviting you to a scheduled Zoom meeting.

Join Zoom Meeting

<https://incose-org.zoom.us/j/91343796660?pwd=SE5mRFBsUGVldGMwL3FWZGRTZDI Bdz09>

Meeting ID: 913 4379 6660

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Find your local number: <https://incose-org.zoom.us/u/adOswQiopi>

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