

Crossrail

The Largest Infrastructure Project in Europe

Seminar Chairman:
Gordon Masterton

*Chair of Future Infrastructure,
The University of Edinburgh*

Infrastructure, Station Fit-out and Railway Systems

Chris Binns

Chief Engineer, CrossRail

Crossrail Rolling stock

Joe Bednall

*Head of Commercial,
Crossrail Rolling Stock,
Bombardier*

Principal event partners

**Institution of
MECHANICAL
ENGINEERS**



SES
your satellite company

EMSTA is generously sponsored by

ice
Institution of Civil Engineers

soe
engineering success

IET The Institution of
Engineering and Technology



Institute of **Physics**

EMSTA CIC, registered in England & Wales, No. 8158806
Registered office: 5th Floor, 11 Leadenhall Street, London, EC3V 1LP

Crossrail

The Largest Infrastructure Project in Europe

Admission Free

Wednesday 9 November 2016
6:45 pm (buffet from 6:00 pm)

The Weston Auditorium
de Havilland Campus
University of Hertfordshire
Hatfield, Herts, AL10 9EU

Principal Partners

**Institution of
MECHANICAL
ENGINEERS**



SES
your satellite company



EMSTA
www.emsta.org.uk

Formerly EEESTA

Book at: bookwhen.com/emsta

Helpline: 0845 474 3341

Calls cost 5p [plus 5p per minute after the first 60 seconds]
plus your phone company's access charge.

EMSTA CIC, registered in England & Wales, No. 8158806
Registered office: 5th Floor, 11 Leadenhall Street, London, EC3V 1LP



EMSTA Prestige Seminar 2016

SPEAKERS

Professor John Senior, Pro-Vice Chancellor (Research), UH

Professor John Senior joined the University of Hertfordshire as Dean of Faculty of Engineering and Information Sciences in 1998. He has over 25 years of research experience in optical communications and networking, including pioneering activities concerned with optical fibre local area networks and passive optical networks.

Gordon Masterton, Chair of Future Infrastructure, The University of Edinburgh

Gordon Masterton is a Past President of the Institution of Civil Engineers. As a Vice President of Jacobs Baktie, he was the Government's Project Representative on Crossrail from 2009 to 2014, providing oversight and assurance to both the Secretary of State for Transport and the Mayor of London. He is now Professor of Future Infrastructure at The University of Edinburgh.

Chris Binns, Chief Engineer, CrossRail

As Chief Engineer for Crossrail, Chris Binns provides technical leadership through a team of engineering heads of discipline to deliver the new east-west rail link across London. Previously he was Head of Engineering on the Thameslink Programme, delivering longer trains and greater capacity on north-south routes through London.

Joe Bednall, Head of Commercial, Crossrail Rolling Stock, Bombardier

Joe Bednall has over 20 years experience in the rolling stock business - heavy maintenance, depot management, and design and build of new trains. He has worked for both clients and main contractors. He led the bid for and manages Bombardier's successful multibillion pound contract for Crossrail. Previously, he completed the production and sale of the Class 378 Train Build Project and set up the Class 377 Train Design.

Peter Hansford, Former Government Chief Construction Adviser

Peter Hansford has over 40 years' experience in major infrastructure projects. He was engineering manager for the DLR City extension and project manager for the Beckton extension. He is a past President of the Institution of Civil Engineers and was Chief Construction Adviser to the UK Government from 2012 to 2015. He is a Visiting Professor at University College London.

Crossrail

PROGRAMME

6:00 pm Registration, refreshments and networking

6:45 pm Seminar

Welcome: Prof. John Senior

Opening Remarks: Gordon Masterton

Our chairman for the evening will present the 2016 EMSTA Award to an outstanding young Arkwright Scholar. He will then set the scene for the Seminar.

1st Speaker: Chris Binns - Infrastructure, Station Fit-out and Railway Systems

- Summary of infrastructure (civil and railway) works and key achievements
- Station fit-out and systems (including power supplies, platform edge doors, lifts, escalators, ventilation, fire fighting...)
- Signalling and communications systems
- Interconnections with other transport systems
- What it will deliver for the travelling public
- Maintenance of track and infrastructure

2nd Speaker: Joe Bednall - Crossrail Rolling Stock

- Bombardier's scope & background
- Challenges: technical / organisational / process
- Innovation specific to Crossrail
- Organisation for success
- Current status & projection forward

Open Forum: questions and answers

Vote of Thanks: Peter Hansford

9:30 pm Close