

# NORTH WESTERN CENTRE

## CENTRE CHAIRMAN

Dr. Howard Parkinson, CEng, FIMechE, MIRSE  
Infolab 21, Lancaster University, Lancaster,  
LA1 4WA

## CENTRE SECRETARY

Mr. Lyndon Platt, MBA, MIET, MIMechE  
Siemens Rail Systems, Ardwick Traincare  
Facility, Rondin Road, Ardwick,  
Manchester M12 6BF  
T: 0161 276 3750

## CENTRE EMAIL

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Please direct all correspondence and enquiries  
to the Centre email.

## HEADQUARTERS CONTACT

Governance and Engagement  
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E: [ge@imeche.org](mailto:ge@imeche.org)  
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1 Birdcage Walk  
Westminster  
London SW1H 9JJ

## RAILWAY DIVISION LECTURE PROGRAMME

The Railway Division produces a very busy programme including lectures, visits, workshops, conferences and seminars at its seven centres throughout the UK and the Institutions headquarters.

Please visit the full list of events at:

[www.imeche.org/knowledge/](http://www.imeche.org/knowledge/)

[www.imeche.org/events/events-upcoming?topic=railway](http://www.imeche.org/events/events-upcoming?topic=railway)

If you should have any queries about the Railway Division, please email:

[railway@imeche.org](mailto:railway@imeche.org)



## RAILWAY CHALLENGE

A highlight of the Railway Division's programme is the annual Railway Challenge in which teams of young engineers design and develop a 10 1/4 inch gauge locomotive. The teams from industry and universities compete in a series of rigorous tests and performance challenges for the coveted trophy.

Further information is available at:

[www.imeche.org/get-involved/young-members-network/railwaychallenge](http://www.imeche.org/get-involved/young-members-network/railwaychallenge)

## 5-12 OCTOBER 2019

### RAILWAY DIVISION TECHNICAL TOUR

Railway Technical Tour 2019 of the Railway Division of the Institution of Mechanical Engineers to Prague, Pilsen/Velim, Brno, Vienna, Linz, Altenrhein, Rorschach and St. Gall.

For more details:

[www.imeche.org/knowledge/industries/railway/events](http://www.imeche.org/knowledge/industries/railway/events)

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# RAILWAY DIVISION NORTH WESTERN CENTRE

Institution of  
**MECHANICAL ENGINEERS**

## PROGRAMME 2019-20



Improving the world through engineering

# NORTH WESTERN CENTRE PROGRAMME 2019–20

**TUESDAY 10TH SEPTEMBER 2019  
AT 18.30**

## **THE INTER CITY EXPRESS PROJECT (IEP)**

Speakers: Mr. Bob Downer – Head of AT300 Engineering – Hitachi Europe Ltd.  
Venue: Room C0.14, John Dalton Building, Manchester Metropolitan University, M1 5GD

**TUESDAY 1ST OCTOBER 2019 AT 18.30.  
CASE STUDY SESSION AT 16:30**

## **CHAIRMAN'S ADDRESS**

Speaker: Mr. Graham Neil – Professional Head of Vehicle – TfL Engineering  
Venue: - Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD

**TUESDAY 12TH NOVEMBER 2019  
AT 18.30**

## **SHEFFIELD TRAM / TRAIN – SERVICE EXPERIENCE**

Speaker: Mr. Ian Ambrose – Network Rail  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD

**TUESDAY 10TH DECEMBER 2019  
AT 18.30**

## **THE DIGITAL RAILWAY**

Speaker: Mr. Tim Gray - Managing Director, Hitachi Information Control Systems Europe.  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD  
Joint Event with IRSE / IET

**TUESDAY 14TH JANUARY 2020  
AT 18.30**

## **RAILWAY SYSTEMS MECHANICAL RELIABILITY**

Speaker: Dr. John Beard - Associate ESR Technology  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD

Latest details are available from the IMechE website:

[nearyou.imeche.org/near-you/UK/North-Western/north-western-rd-centre](http://nearyou.imeche.org/near-you/UK/North-Western/north-western-rd-centre)

**TUESDAY 11TH FEBRUARY 2020  
AT 18.30**

## **THE ROLE FOR HYDROGEN TRAINS IN DECARBONISING TRANSPORT**

Speaker: Mr. Mike Muldoon – Head of Business Development and Marketing  
Venue: Alstom Transport Training Academy, Halton Fields, Widnes, WA8 8NH  
Note: Pre-registration is required for this event  
Includes tour of Alstom's facility at Widnes at 16:45

**WEDNESDAY 4TH MARCH 2020  
AT 18.30**

## **ACADEMIC SUPPORT FOR THE RAIL INDUSTRY**

Speaker: Prof. Simon Iwnicki – Institute of Railway Research, Huddersfield University  
Venue: Huddersfield University, Queensgate, HD1 3DH  
Includes tour of Huddersfield University Rail Technology Centre at 17:00  
Joint Event with IMechE RD North Eastern Division

**TUESDAY 17TH MARCH 2020 AT 18.30  
FUTURE OF RAIL PRESENTATION COMPETITION**

Speakers and Subjects: To be announced on the NW Centre Web Page  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD  
North Western Centre AGM

**TUESDAY 21ST APRIL 2020 AT 18.30  
THE CHINESE C2 PROJECT**

Speaker: Mr. Paul Molyneux-Berry – Principal Engineer - Dynamics, Gauging & Testing at SNC Lavalin  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD

**TUESDAY 12TH MAY 2020 AT 18.30  
MODERN WSP SYSTEMS**

Speaker: Mr. Richard Moore - Director of Engineering - Wabtec Faiveley UK – Transit Systems  
Venue: Room T0.03, John Dalton Building, Manchester Metropolitan University, M1 5GD

# CHAIRMAN'S NOTE

The North Western Centre of the IMechE Railway Division bases its activities in and around the Manchester area. Whist drawing upon established relationships with local industry, train operators, academia and sister institutions including the IET, ICE, IRSE, and PWI; the centre strives to foster new links and aims to provide a focal point to promote a joined-up railway approach to all members, railway professionals, developing engineers and interested individuals alike.

On behalf of the centre committee, we look forward to welcoming you at our events.

**Dr. Howard Parkinson**  
Centre Chair

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- Light refreshments will be available 30 minutes prior to the start of each meeting
  - Visitors are always welcome at all meetings
  - To participate in the tours of facilities attendees must attend with full PPE – see website for details
  - Latest details are available from the IMechE website:

[nearyou.imeche.org/near-you/UK/North-Western/north-western-rd-centre](http://nearyou.imeche.org/near-you/UK/North-Western/north-western-rd-centre)

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**ALL LECTURES ARE FREE AND OPEN TO ALL**