

# SOUTH WESTERN CENTRE

**Centre Chair**  
Tom Moore

**Centre Secretary**  
Mick James  
rdswwsec@imechenearyou.org

**Centre Committee**  
Prasad Bhave (Deputy Chair)  
David Cunningham  
Rory Everett  
Ashley Grostate  
Mick James (Secretary)  
Andy Mellors  
Tom Moore (Chair)  
Sutopa Paul  
Matt Prosser  
Louis Schmandt  
Andrew Skinner (Treasurer)  
Ben Woods

**Western House, 1 Holbrook Way, Swindon SN1 1BD**  
Western House is five minutes' walk from Swindon station. Turn right outside the station into Station Road, turn second left into Beales Close, first right into Cheltenham Street and Western House is directly in front of you.

**STEAM Museum, Kemble Drive, Swindon SN2 2TA**  
The STEAM Museum is about fifteen minutes' walk from Swindon station. Turn right outside the station into Station Road, and after 600 m, opposite the Mechanics Institute, turn right into the former Swindon Works Access Tunnel under the railway. At the end of tunnel follow signs to the STEAM Museum.

Institution of  
**MECHANICAL  
ENGINEERS**

## Headquarters Contact

**Member Networks**  
t: +44 (0) 207 973 1242  
e: [membernetworks@imeche.org](mailto:membernetworks@imeche.org)  
[www.imeche.org/railway](http://www.imeche.org/railway)

## 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/railway](http://www.imeche.org/railway)

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

e: [membernetworks@imeche.org](mailto:membernetworks@imeche.org)

## Further details available on our website:

[nearyou.imeche.org/near-you/UK/Western/south-west-rd-centre/about-us](http://nearyou.imeche.org/near-you/UK/Western/south-west-rd-centre/about-us)

## or Face Book page:

[www.facebook.com/search/top?q=imeche%20railway%20division%20south%20west%20centre](https://www.facebook.com/search/top?q=imeche%20railway%20division%20south%20west%20centre)

## or Linkedin page

[www.linkedin.com/company/imeche-railway-division-south-western-centre/](https://www.linkedin.com/company/imeche-railway-division-south-western-centre/)

# RAILWAY DIVISION SOUTH WESTERN CENTRE

Institution of  
**MECHANICAL  
ENGINEERS**

## Programme 2022-23



**Improving the world through engineering**

# SOUTH WESTERN CENTRE

## Programme 2022-23

Monday 19 September 2022

### Chairman's Address

Western House, Swindon 17.00 for 17.30

New Railway Division Chairman Noel Travers gives his Chairman's Address.

Tuesday 18 October 2022

### History of London Underground

STEAM Museum Swindon, 18.30 for 19.00

Malcolm Simpson of Transport for London will present his view of the history of the London Underground system.

Joint event with IET

Monday 14 November 2022

### Design challenges to retrofitting ETCS

Siemens, Langley Park, Pew Hill, Chippenham, SN15 1GG, 17.00 for 17.30

Siemens project engineers will explain the challenges of retrofitting European Train Control System (ETCS) equipment to locomotives.

Joint event with IRSE

Monday 5 December 2022

### Challenging gravity, steep railways

STEAM Museum, Swindon 17.00 for 17.30

Felix Schmid explains how some of the world's most challenging places have been conquered by rail engineers. Engineering and travelogue combined.

Xmas family lecture followed by complimentary buffet

Joint event with Newcomen Society

Wednesday 11 January 2023

### WCML upgrade

Hawker House, Reading 17.15 for 17.45

Richard Spoons describes the route modernisation and the machines used to achieve it.

Joint event with PWI

Monday 6 February 2023

### Technical visit – Greenford Branch

West Ealing Station 14.15

GWR engineers demonstrate the novel fast charging battery unit.

Pre-booking mandatory for this event

Monday 6 February 2023

### Fast charging battery trains

STEAM Museum, Swindon 17.00 for 17.30

GWR engineers explain the novel fast charging battery unit.

Joint event with IET

Wednesday 1 March 2023

### Rolling stock for HS2

University of Bath

16.00 career fayre

17.30 lecture

Railway industry employers' careers fayre followed by Tim Sterry, Head of Rolling Stock Engineering at HS2, explaining Britain's next generation of high speed train for HS2.

Joint event with Women in Rail

Monday 20 March '23

### Future of Rail Presentations

Western House, Swindon 17.00 for 17.30

Aspiring young engineers describe the technical challenges they have addressed in a presentation competition with monetary prizes and the chance to progress to the national final at Birdcage Walk.

Monday 24 April '23

### AGM followed by

TfW rolling stock strategy

Western House, Swindon 17.00 for 17.30

Andrew Gainsbury explains the way Wales procures trains and runs its railway.

Summer '23

### Summer social

Potential for traditional summer event

Pre-booking ESSENTIAL

More details will be available on website in 2022/3

## CHAIRMAN'S NOTE

Welcome everyone to our programme of events for the 2022/23 season. We hope that things are starting to return to what used to be normal and we all look forward to more face to face meetings where the exchange of information I feel is greater. We will attempt to have at least some meetings hybrid to increase their exposure to more people; additional and more up to date information is on our website – see address below.

All our meetings are open to everyone, please do help us to spread this message amongst friends, family and colleagues.

We hope you'll agree that we have an interesting and varied programme of events, including a technical visit to West Ealing station to see the fast charging battery train actually in action.

Our AGM this season is in its normal slot of 24th April and I hope to see as many of you as possible. Please do let us know if you have any ideas for topics or events you would like us to put on. Also have you considered joining the organising committee?

### Tom Moore

Chair, Railway Division South Western Centre

Please note that the dates and times are accurate, but the venues may be subject to change. Please check website for latest information.

Latest details are available from the IMechE website: [/nearyou.imeche.org/near-you/UK/Western/south-west-rd-centre/about-us](https://nearyou.imeche.org/near-you/UK/Western/south-west-rd-centre/about-us)

**All lectures are free and open to all**