

# RAILWAY DIVISION YOUNG MEMBERS SUMMER TECHNICAL FORUM 2018

Institution of  
**MECHANICAL  
ENGINEERS**

**19 July 2018**  
One Birdcage Walk

**PRESENTED BY:**

Mark Glover,  
Senior Consultant  
**SNC-Lavalin**

Sabrina Ihaddaden,  
Signalling Project Engineer  
**Bombardier Transportation**

Benjamin Parry,  
Vehicle Architect  
**Bombardier Transportation**

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**FREE AND OPEN TO ALL**



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**Lecture**  
Railway Division

# RAILWAY DIVISION YOUNG MEMBERS SUMMER TECHNICAL FORUM 2018

19 July 2018

**THIS EVENT WILL EXPLORE THE CHALLENGES FACED BY ROLLING STOCK ENGINEERS IN OVERCOMING ISSUES REGARDING EXTENDING THE ASSET LIFE OF EXISTING FLEETS AND THE DEVELOPMENT AND INTEGRATION OF NEW FLEETS INTO SERVICE.**

The lecture will be split into two separate presentations; firstly regarding the Bakerloo Line 72TS Fleet Life Extension Project and the challenges of ensuring an older fleet that isn't fitted with on-train monitoring is safe for extended use, followed by an overview of the introduction of the new Class 345 fleet as part of the Crossrail Project.

The Railway Division Young Members Summer Technical Forum 2018 will be held in the Lecture Theatre at One Birdcage Walk and is open to all.

## PRESENTERS:

**MARK GLOVER,  
SENIOR CONSULTANT  
SNC-Lavalin**

Mark Glover is Engineering Support Manager for London Underground's Bakerloo Line fleet. In this role he leads the first line technical support team, who manage all safety and reliability investigations on the fleet, keep the maintenance suite up to date, commission modification design work, and provide coaching on fault finding and for individual incident response. Prior to joining the team on the Bakerloo, Mark worked in a variety of fleet support roles within London Underground, having initially joined as a Graduate Engineering Trainee in 2002. In 2008 he became Chartered, and is now an IMechE mentor and PRI panellist.

**SABRINA IHADDADEN,  
SIGNALLING PROJECT ENGINEER  
Bombardier Transportation**

Sabrina Ihaddaden (MIET) started her career as a Graduate Engineer to become a Signalling Project Engineer at Bombardier Transportation in Derby. She is now responsible for the integration of the Signalling on-board equipment of the CL710 (LOTRAIN) and CL720 (East Anglia) Rolling Stock projects. She graduated from the University of Lancaster in 2013 with a Masters Degree in Mechatronic Systems Engineering, as well as a Masters Degree in Mechanical and Industrial Engineering from the French Engineering School Arts & Metiers ParisTech. Sabrina is also the former National Chair and CEO of the Young Rail

Professionals, a non-for-profit organisation which aim to develop, promote and inspire the next generation of talent to join the Rail Industry. As the first woman at the head of the organisation, she led a team of 70 committee members, based across the country, to deliver the Networking & Development as well as the Ambassador Program. In February 2017, she received the award for the Young Rail Professionals of the year, in the female category, by the UK Rail Industry Award.

**BENJAMIN PARRY,  
VEHICLE ARCHITECT  
Bombardier Transportation**

Ben Parry works towards delivering the next generation of Rolling Stock on a daily basis. His key achievements to date have been as the Vehicle Architect for AVENTRA High Speed, and working as a Concept Designer on the joint Bombardier and Hitachi bid for the ground-breaking Deep Tube Upgrade Programme. In 2015, he was awarded the 'Rail Engineer of the Future' award at the Rail Business Awards, and has been heavily involved with the Young Rail Professionals.

## ANOTHER EVENT TO LOOK FOR:

**ALARP 2018: RISK MANAGEMENT FOR ENGINEERING**

18 September 2018, Birmingham

Hear from the key organisations in regulation to ensure your processes are compliant with current standards. Learn about the latest risk assessment approaches to use in your company. Gain best practice in ensuring safety cases are legally sound throughout design, development and operation of engineering systems. Meet with safety engineers, design engineers, ALARP and human factors specialists to benefit from cross-industry insights.

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

FOR MORE INFORMATION:

VISIT: [www.imeche.org/  
railwaydivisionforum](http://www.imeche.org/railwaydivisionforum)

CALL: **+44 (0)20 7973 1251**

EMAIL: [eventenquiries@imeche.org](mailto:eventenquiries@imeche.org)

**18:00** Registration  
**18:30** Lecture begins  
**19:30** Q&A begins  
**20:00** Lecture ends

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