



NEXT GENERATION RAIL

JOURNEY INTO
THE FUTURE



ABOUT NEXT GENERATION RAIL

Following the success of the last four years, The University of Sheffield's Transport Innovation Centre Sheffield (TICS) and industry partners are organising the 5th Next Generation Rail Conference, to take place in Sheffield on 27 June and 28 June.

WHO IS IT FOR?

Next Generation Rail is attended by 200 of the brightest PhD students, early-career researchers, young rail professionals and apprentices, in order to promote interaction between tomorrow's rail leaders and educators.

WHY SHOULD I ATTEND?

The conference will offer valuable training and learning opportunities to enhance your skills and support your career progression.

The programme includes a choice of technical site visits, a series of interactive workshops led by innovation experts and lots of networking and team building activities. These include the Next Generation Rail Dinner on Tuesday night.



PROGRAMME- CONFERENCE 27TH JUNE 2017

WORKSHOPS THEMES

The conference will have three parallel workshop streams that will focus on the topics below. Delegates are welcome to move streams to get a broad understanding of all the all topics.

1

PROFESSIONAL DEVELOPMENT

Whatever your company, soft skills in leadership, team building and networking will always benefit your career.

Our professionally run workshops will help you work smarter every day.

2

INTELLIGENT MOBILITY

Intelligent Mobility is all about taking a different approach to the challenges that have traditionally beset the transport sector, whether it be congestion, pollution or the lack of integration between different means of transport.

How will rail fit in the future of transport and what is rail's role in the smart transport revolution?

3

INNOVATION IN RAIL ENGINEERING

Workshops from leading industrial figures will give an overview of the exciting future in the development of rail technology.

PROGRAMME- CONFERENCE 27TH JUNE 2017

WORKSHOP SNAPSHOT

Here's a snapshot of just some of the workshops on offer

David Clark -

Technical Director

Railway Industry Association

Workshop: Innovation in Rail Engineering



Christos Mexias

Business Change Manager, Digital Railway
Network Rail

Workshop: Innovation in Rail Engineering

Jon Colman - Red Vanilla

Jon has been delivering highly engaging training and development workshops for over 20 years.

Workshop: Professional Development



PROGRAMME- CONFERENCE 27TH JUNE 2017

WORKSHOP SNAPSHOT



Michael Milner - RenlimM

Michael is an experienced senior manager recognised in the rail and public sector as a committed and driven professional

Workshop stream: Innovation In Rail

Lucy Prior -Rail the Rail Alliance

Lucy comes to the Rail Alliance with a broad and varied railway background. She has worked in the rail sector for a number of years working for manufacturing companies on both the infrastructure and rolling stock sides of the market and has focused amongst other things on export and domestic sales, marketing and business development.

Workshop Stream - Intelligent Mobility



PROGRAMME- NETWORKING MEAL 27TH JUNE 2017

KELHAM ISLAND MUSEUM



Located in one of the city's oldest industrial districts, the museum stands on a man-made island over 900 years old.

In the 1800s, various industries began to spring up in the Kelham area and Kelham Island itself became a host for all kinds of manufacturers. In 1829, John Crowley bought land on the island and built a small iron foundry called Kelham Iron Works where he made all kinds of iron products – bicycles, corn grinders, lawn mowers as well as decorative items.



Now a Museum to its Industrial past, Kelham will host Next Generation Rail's evening networking meal providing an interesting and exciting backdrop to the event.

PROGRAMME- SITE VISITS 28TH JUNE 2017



SITE VISITS - DONCASTER RAIL CLUSTER

On **Wednesday, 28th June 2017 delegates** will have a choice of site visits to attend.

Please note that places are limited and offered on a first-come-first-served basis. Email's with booking forms to be sent out before the event.

Mention Doncaster around the world and the chances are that people will think railways. The very first locomotive works were established in the heart of the town centre in 1853 by the Great Northern Railway, transforming Doncaster from a peaceful Georgian market town into an engineering superpower.

Doncaster remains an important railway town to this day and was chosen to be the site of the new National College for High-Speed Rail, which opens in September this year.

In partnership with Business Doncaster, Next Generation Rail site visits will include options to visit.

PROGRAMME- SITE VISITS

28TH JUNE 2017

SITE VISITS - DONCASTER RAIL CLUSTER

Hitachi Rail Europe

Hitachi Rail Europe (HRE), the company building and maintaining new intercity trains, is on schedule to employ 250 people at their newly built Doncaster depot.

The depot is hiring a brand new team to maintain new fleets of intercity trains inspired by Japanese bullet trains, which are due to start running next year, connecting northern cities to London and Scotland.

Foot Wear -you must wear appropriate safety shoes or boots (no flat or open toes shoes).



National College for High-Speed Rail

Located on Lakeside, Doncaster, the National College for High-Speed Rail will comprise circa 76,000 sq ft of teaching and workshop space, including specialist rail equipment such as 150m of external track and catenary. Along with Birmingham, it will train thousands of engineers to meet HS2's future needs, as well as those in the wider rail sector, by providing a real workplace environment to prepare students for work on high-speed rail infrastructure.

Foot Wear -you must wear appropriate safety shoes or boots (no flat or open toes shoes).



PROGRAMME- SITE VISITS

28TH JUNE 2017

SITE VISITS - DONCASTER RAIL CLUSTER

Cementation Skanska

Cementation Skanska provides a huge range of manufacturing, engineering and maintenance services, using specialist equipment and precision tooling. The workshop has been established in Doncaster, South Yorkshire, for almost a century.

Foot Wear -you must wear appropriate safety shoes or boots (no flat or open toes shoes)



Wabtec Rail Limited

Wabtec Rail has developed an expertise in the life extension, overhaul, maintenance and refurbishment of railway rolling stock. Located on a 22-acre site, Doncaster Works has a proud railway history, being the birthplace of famous steam locomotives such as the Flying Scotsman and Mallard.

Foot Wear -you must wear appropriate safety shoes or boots (no flat or open toes shoes).

Want to know more about the future of Rail in Doncaster, click to visit
[Doncasters Invest in Rail Brochure](#)

Thank you to our partners at Business Doncaster

INFORMATION AND HOW TO BOOK

PRICE

Full Two-day Package

Cost £200.00

Description: Package contains conference, three-course evening meal and second-day site visits including all transport during the conference

One-day Package

Cost £175.00

Description: Package includes conference and three-course evening meal along with transportation to evening venue.

To book please see nextgenrail.co.uk

Please forward any questions to Adam Brown @ adam.j.brown@sheffield.ac.uk

ACCOMMODATION

Bed and Breakfast will be provided by Endcliffe village which is located directly across from the conference venue.

Single – Ensuite Rooms are available with breakfast for £44.00 per night and can be **booked here**.

INFORMATION AND LOCATION

LOCATION

The Edge is located at the heart of Endcliffe which spans from Endcliffe Vale Road to Oakholme Road and Fulwood Road.

The Edge, Endcliffe, 34 Endcliffe Crescent, Sheffield. S10 3ED

For Maps click here



GETTING THERE

From the train/bus station, the venue is best to accessed by taxi.

Uber operates in Sheffield along with CityTaxi's who can be pre-booked via their app (see app store) or 0114 239 3939.

CAR - There is very little University car parks spaces. On street in the area is on a residents parking permit only.

Please contact Adam for updates on car park places.

adam.j.brown@sheffield.ac.uk