InnoTrans 2018
18–21 SEPTEMBER
BERLIN

Visit us:
Hall 4.2 / Stand 203

THE FUTURE OF
MOBILITY

Shift2Rail is presenting its first quick-wins at InnoTrans

Shift2Rail is showcasing more than 20 cutting-edge solutions for a ground-breaking transformation of railway systems at InnoTrans, the largest rail trade fair, taking place in Berlin from 18-21 September. It is the first time the JU presents live demos, showing its first preliminary but concrete results barely two years after starting its operations at full capacity.

At the stand you will see progress in key technologies, such as the moving block over ETCS for mainline networks, intelligent freight terminals and video gates, obstacle detection devices, high-speed tamping processes and many more.

The stand also features an interactive zone where visitors will have the opportunity to experience the Shift2Rail technologies for the first time. Guests will be able to immerse themselves in a Virtual Reality world, for example to discover different noise mitigation measures.

Visitors will also be able to test a software for booking transport services for seamless multimodal door-to-door travelling, activate an innovative brake test system and see for themselves in an Augmented Reality simulation how a new system for smart metering in Reims tramway will improve energy decision making.

Another prominent demonstrator will present virtually connected trams. Broadcast live from a track in Spain, vehicles will be controlled in a coordinated manner, virtually coupled through a wireless communication network. Demo managers will also be able to control the trams' destination displays from Berlin.

Shift2Rail will present their solutions for the future of railway systems at stand 203, Hall 4.2.on all four days of InnoTrans. The trade fair gathered more than 135,000 visitors from 119 countries in 2016.

S2R Draft Corporate Agenda
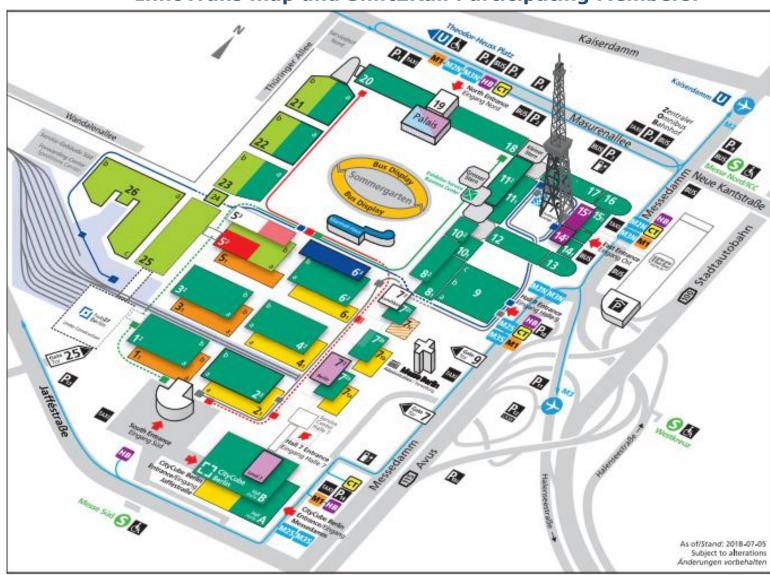
Legend:

Shift2Rail events	Parallel events at UNIFE	Member Events

START	END	Tuesday (18/09/2018)	Wednesday (19/09/2018)		Thursday (20/09/2018)		Friday (21/09/2018)
09:00	10:00						
10:00	11:00		**Speakers Corner** - Giorgio Travaini - Innovating together to shape the railway systems of the future	**Shift2Rail States Representatives Group Meeting (09:00 - 12:30)**	**UNIFE Dialog Forum**: "ERTMS, the backbone of the digital railway" - Carlo Borghini		
11:00	12:00						
12:00	13:00	**Commissioner Violeta Bulc's visit to the stand** **12:00-12:25**: The launch of Shift2Rail main quick wins/demos **12:25-12:40**: Shift2Rail Award Ceremony - Women in Rail Research and Innovation - The S2R Rail Research & Innovation Awards 　o Digitalisation award 　o Decarbonisation award 　o Project management award + Photo session	**Women in Mobility Luncheon** - Carlo Borghini + winner of Women in Rail Research and Innovation award			**DB Innovation Forum (12:00-16:30)** 2.45 p.m. – 3.05 p.m. speech about Shift2Rail 3.45 p.m. – 4.30 p.m. panel discussion	
13:00	14:00						
14:00	15:00	**14:15-14:45**: For an Innovative and digital railway system: the key contributor of the European rail supply industry - Carlo Borghini **15:00-15:30**: UNIFE World Rail market study results	**ERCI Innovation Awards ceremony** (Carlo Borghini keynote speech - TBC)		13:45-15:45 - Shift2Rail **Scientific Committee** meeting		
15:00	16:00						
16:00	17:00	**15:30-16:15** Press event at Shift2Rail stand	**Shift2Rail Innovation Programme Freight** - Delivering innovation for future digital transport DB booth, CityCube hall B/ stand 406				
17:00	18:00						
18:00	19:00	**Shift2Rail cocktail hosted by Voestalpine + S2R event on Railway Infrastructure** (Hall 21, stand 101) Speech by Carlo Borghini, Henrik Hololei and representative from Voestalpine					
19:00	21:00						

Demos schedule at Shift2Rail stand

START	END	Tuesday (18/09/2018)	Wednesday (19/09/2018)	Thursday (20/09/2018)	Friday (21/09/2018)
Continuous demos		IP5 Innovative Integrated On-board Obstacle Detection System for Railways / IP1 Running gear components and prototype of wheel using new materials / IP1 Converged Communication and Computing / IP3 Smart metering reims tramway / CCA Noise auralization and visualization technology / IP5 Digital brake test for rail freight (semi-continous) / IP4 Towards Seamless and Multimodal door to door travel			
09:00	10:00	Final set up + testing	Set-up	Set-up	Set-up
10:00	10:30	Final set up + testing	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	**IP1** Running gear components and prototype of wheel using new materials	**IP1** Modular interior design
10:30	11:00	Final set up + testing	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	**IP3** Lean Tamping / **IP3** Thermal Stress Monitoring	**IP1** Modular interior design
11:00	11:30	Final set up + testing	**IP1** Connected Trams	**IP3** Lean Tamping / **IP3** Thermal Stress Monitoring	**IP1** Modular interior design
11:30	12:00	**Commissioner's visit** **IP1** ConnectedTrams **IP4** Towards Seamless and Multimodal door to door travel **CCA** Noise Auralization and visualization technology **IP3** Smart metering reims tramway **IP5** Digital brake test for rail freight **+ Award ceremony**	**IP1** Connected Trams	**IP1** Connected Trams	
12:00	12:30	**Commissioner's visit** ...	**IP2** Moving Block solutions for mainline railways	**IP2** Moving Block solutions for mainline railways	**IP5** Project presentations
12:30	13:00	**Commissioner's visit** ...	**IP3** LeanTemping / **IP3** Thermal Stress Monitoring	**IP2** Moving Block solutions for mainline railways	**IP5** Project presentations
13:00	13:30	**IP2** Moving Block solutions for mainline railways	**IP3** LeanTemping / **IP3** Thermal Stress Monitoring	**IP2** Videos	
13:30	14:00	**IP2** Moving Block solutions for mainline railways	**IP2** videos	**IP2** Videos	
14:00	14:30	Event at UNIFE stand with participation of ShiftRail	**IP5** Innovative Integrated On-board Obstacle Detection System for Railways	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	
14:30	15:00	Event at UNIFE stand with participation of ShiftRail	**IP1** Converged Communication and Computing	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	
15:00	15:30	Event at UNIFE stand with participation of ShiftRail	**IP2** Moving Block solutions for mainline railways	**IP2** Moving Block solutions for mainline railways	
15:30	16:00	**Press event** at Shift2Rail stand	**IP2** Moving Block solutions for mainline railways	**IP2** Moving Block solutions for mainline railways	
16:00	16:30	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	**IP1** Pinta + Pivot movies + posters	**STARS** Project presentation by GSA	
16:30	17:00	**IP5** Data capture and operational processes of Intelligent video gate/temrinal solutions	**IP1** Pinta + Pivot movies + posters	**IP1** Pinta + Pivot movies + posters	
17:00	17:30				

Legend:

Parallel events at UNIFE stand (302)	Commissioner's visit	Continuous demos

Innovation Programmes (IP): - 1: Passenger Trains **-2:** Traffic Management Systems **-3:** Infrastructure **-4:** IT Solutions **-5:** Freight **CCA:** Cross-Cutting Activities

InnoTrans map and Shift2Rail Participating Members:

Shift2Rail stand concept:

WELCOME DESK

MEMBERS MAP

S2R DEMO AREA

INTERACTIVE ZONE

S2R DEMO AREA

DIGITAL POSTERS

MEETING ROOM

IP TOWER

SHIFT2RAIL CAPABILITIES

STORAGE ROOM

ERRAC