



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
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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	UNIFE Dialog Forum: "ERTMS, the backbone of the digital railway" - Speech by Carlo Broghini	
11:00	12:00				
12:00	13:00	<p>Commissioner Violeta Bulc's visit to the stand</p> <p>12:00-12:30: The launch of Shift2Rail main quick wins/demos</p> <p>12:30-12:45: Shift2Rail Award Ceremony</p> <ul style="list-style-type: none"> - Women in Rail Research and Innovation - The S2R Rail Research & Innovation Awards <ul style="list-style-type: none"> o Digitalisation award o Decarbonisation award o Project management award - PhD Grants' signatures (with 4 different Universities) <p>12:45-13:00: Photo session and lunch</p>	Women in Mobility Luncheon - Carlo Borghini + winner of Women in Rail Research and Innovation award	<p>DB Innovation Forum (12:00-16:30)</p> <p>2.45 p.m. – 3.05 p.m. speech about Shift2Rail</p> <p>3.45 p.m. – 4.30 p.m. panel discussion</p>	
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 Broghini		13:45-15:45 - Shift2Rail Scientific Committee meeting	
15:00	16:00	15:00-16:00: UNIFE World Rail market study	ERC Innovation Awards ceremony (Carlo Borghini keynote speech - TBC)		
16:00	17:00				
17:00	18:00				
18:00	19:00	Voestalpine Cocktail + S2R event on Railway Infrastructure (Hall 21, stand 101) Speech by Carlo Borghini, Henrik Hololei and Voestalpine			
19:00	21:00		Dinner with Federal Railroad Administration (location t.b.d.)		

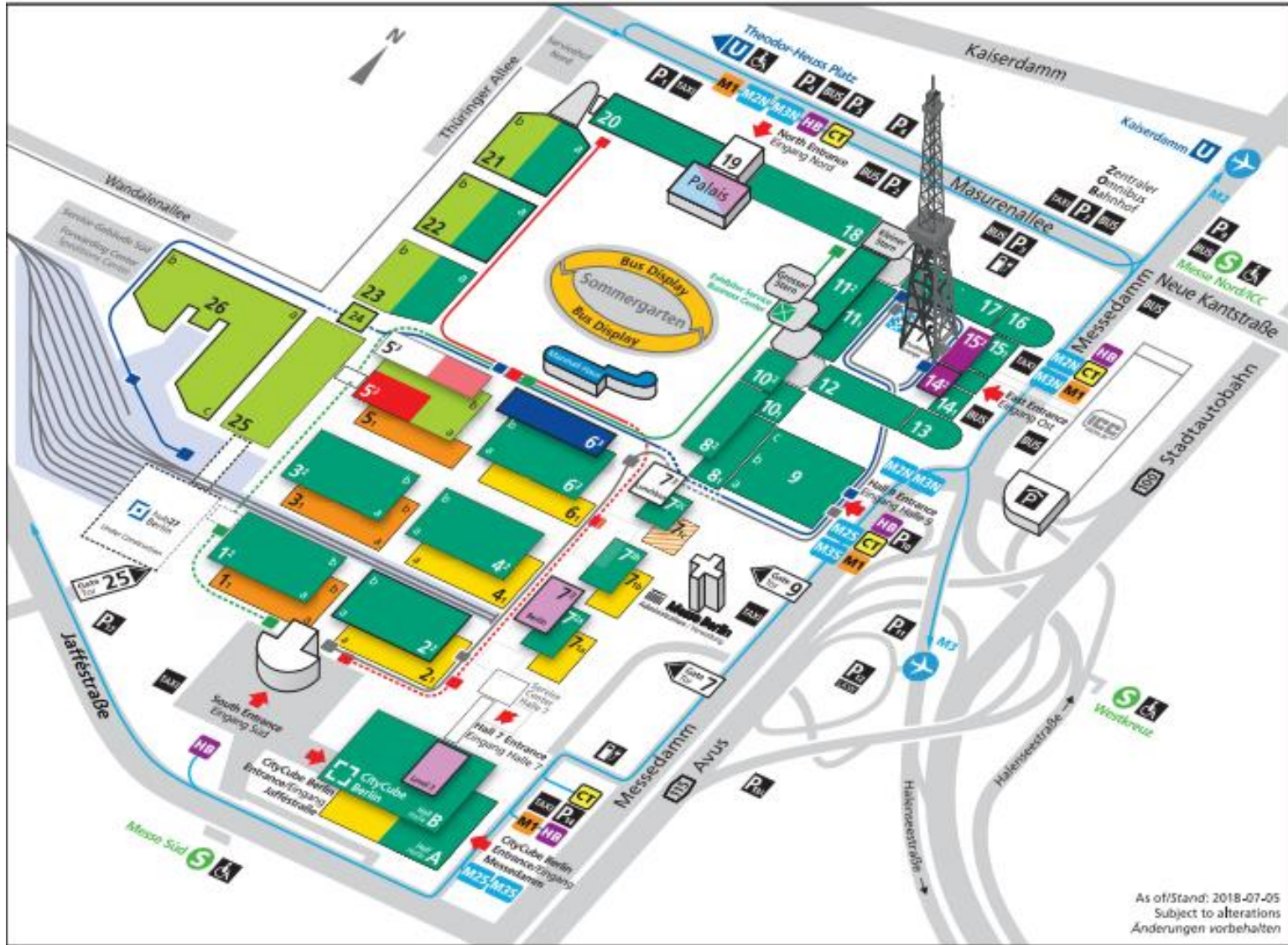
Demos schedule at Shift2Rail stand

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-continuous) 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		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		IP1 Connected Trams	IP3 LeanTemping IP3 Thermal Stress Monitoring	
11:00	11:30			IP2 Moving Block solutions for mainline railways	IP1 Connected Trams
11:30	12:00		IP1 ConnectedTrams + other demos TBC		IP2 Moving Block solutions for mainline railways
12:00	12:30	IP2 Moving Block solutions for mainline railways	IP3 LeanTemping IP3 Thermal Stress Monitoring	IP2 Videos	
12:30	13:00		UNIFE event	IP5 Data capture and operational processes of Intelligent video gate/temrinal solutions	
13:00	13:30				IP2 Moving Block solutions for mainline railways
13:30	14:00	IP5 Data capture and operational processes of Intelligent video gate/temrinal solutions	IP1 Pinta + Pivot movies + posters	IP1 Pinta + Pivot movies + posters	
14:00	14:30				IP5 Innovative Integrated On-board Obstacle Detection System for Railways
14:30	15:00	IP5 Presentation from Tatravagonka			
15:00	15:30				
15:30	16:00				
16:00	16:30				
16:30	17:00				
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:



As of/Stand: 2018-07-05
Subject to alterations
Änderungen vorbehalten



Shift2Rail stand concept:

