



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)	
10:00	11:00	10:00-11:30 InnoTrans Opening Ceremony	Speakers Corner - Giorgio Travaini - Innovating together to shape the railway systems of the future	UNIFE Dialogue 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 12:00-12:30: The launch of Shift2Rail main quick wins/demos 12:30-12:45: Shift2Rail Award Ceremony <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) 12:45-13:00: Photo session and lunch	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 Broghini 15:00-16:00: UNIFE World Rail market study results			13:45-15:45 - Shift2Rail Scientific Committee meeting	
15:00	16:00		ERCi Innovation Awards ceremony			
16:00	17:00		S2R + ERCi tour - TBC			

Demos schedule at Shift2Rail stand

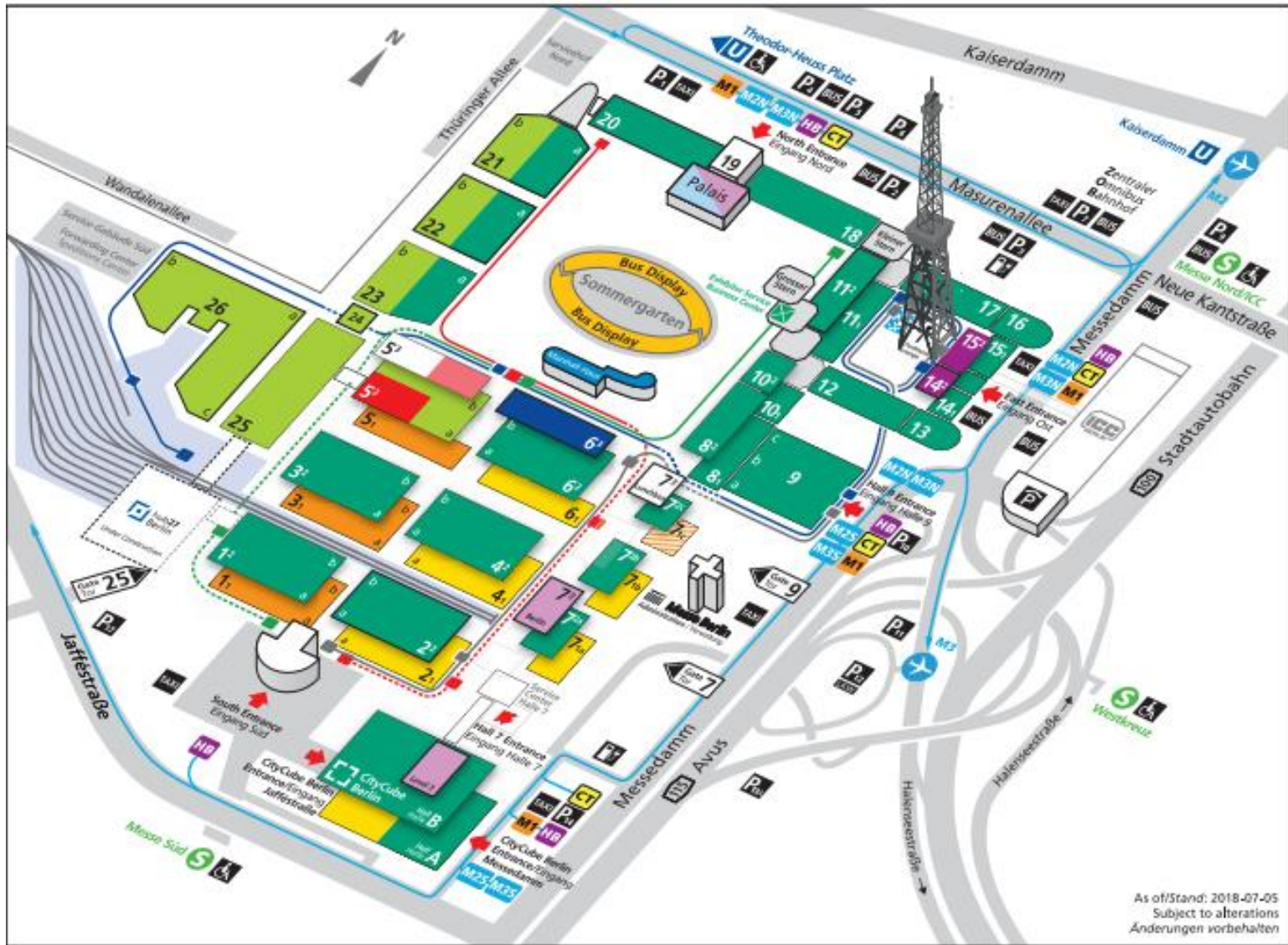
START	END	Tuesday (18/09/2018)	Wednesday (19/09/2018)	Thursday (20/09/2018)	Friday (21/09/2018)
Continuous demos		IP5 Obstacle Detection IP1 Wheel + antenna IP1 Converged Communication and Computing IP3 Smart metering reims tramway CCA Auralization and Visualization Technology IP5 Automatic Brake test (semi-continuous) IP4 Towards Seamless and Multimodal door to door travel			
		10:00-11:30 InnoTrans Opening Ceremony		IP5 Intelligent video gate	IP1 Wheel + antenna
10:00	10:30	IP1 Connected Trams IP2 - video IP1 Interior design - meeting with students CCA - Auralization and Visualization Technology IP3 Smart Metering Reims tramway (Hololens expereince) IP5 Automatic Brake test IP4 Towards Seamless and Multimodal door to door travel TBC	IP1 Connected Trams	IP3 Lean Temping + Thermal Stress Monitoring	
10:30	11:00		IP2 Moving Block	IP1 Connected Trams	
11:00	11:30			IP2 Moving Block	IP2 Moving Block
11:30	12:00		IP3 LeanTemping + Thermal Stress Monitoring		IP2 Moving Block
12:00	12:30	IP2 Moving Block	IP2 video	IP2 Videos	Project dissemination and continious demos (wheel, obstacle) - TBC
12:30	13:00			IP5 Obstacle Detection	
13:00	13:30	UNIFE presents the the 7th edition of the World Rail Market Study	IP1 Converged Communication and Computing	IP2 Moving Block	
13:30	14:00		IP2 Moving Block		
14:00	14:30		IP5 Intelligent video gate	IP1 Pinta + Pivot movies + posters	
14:30	15:00	IP5 Tatravagonka stand presentation	IP1 Pinta + Pivot movies + posters	IP1 Pinta + Pivot movies + posters	
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
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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:

