



# VIENNA 2018

## A digital era for transport

solutions for society, economy and environment

The 7<sup>th</sup> edition of the Transport Research Arena, the biggest European Transport Research and Technology Conference, will take place from 16 to 19 April 2018 in Vienna under the slogan **“A Digital Era for Transport – solutions for society, economy and environment”**. This International Event combines a 4-Day Conference with an Industrial Exhibition, Hands-on Research and Live Demonstration in the new Interactive Zone, various side events, technical tours and two TRA Vision Awards.

TRA offers a great opportunity to discuss new mobility solutions for society, economy and the environment. It provides an extraordinary insight into crucial topics and transformation processes, such as automated driving, decarbonisation, logistics, transport infrastructure and enabling technologies. Furthermore, TRA offers an important networking capacity with more than 3,000 experts from Europe, the USA and Asia, coming from the R&I community & industry looking at innovative solutions to be taken up by the market.

For further information, please visit TRA [website](#) and consult the draft [Programme](#).



Shift2Rail is delighted to participate in the Transport Research Arena both as an exhibitor and as a presenter. With many of its Members present, Shift2Rail aims to bring the railway transport mode to a prominent spot during the Conference and showcase the innovative solutions and technologies of the railway system of the future. Furthermore as presenters, Shift2Rail and its projects will participate during key Strategic and Technical Sessions, and host roundtable discussions and presentations at the stand. To find out more please consult further the draft agenda.

## S2R Draft Agenda

Colour code

General sessions	Plenary sessions	Strategic and Scientific Sessions	S2R project presentation of papers at Strategic and Scientific Sessions	Presentations of projects at Shift2Rail stand
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START	END	MONDAY (16/04/2018)		
All day long		S2R Co-Active poster at Marketplace		
8:00	9:00	Registration		
9:00	10:00	Press Conference & Questions		
10:00	10:30	Opening		
10:30	10:50	Keynote speech by by Gerd Leonhard, Futurist, Humanist, Author and CEO The Futures Agency		
10:50	12:00	Special High Level Industrial Round Table		
12:00	12:30	S2R Sponsored TRA VISIONS Young Researchers Award		
12:30	13:40	Lunch Break	12:30 – 12:45: Sigma Rail Presentation	
			12:45 – 13:00: DESTination RAIL Presentation	
			13:00 – 13:15: S2R Mistral presentation	
			13:15 – 13:30: S2R ATTRACKTIVE Presentation	
			13:30 – 13:40: S2R Co-Active Presentation	
13:40	14:40	Plenary Session 1: Shaping the new mobility landscape - a Vision for Transport & Mobility for Europe		
14:40	15:00	Coffee Break	14:40 – 14:50: S2R GoSafe Rail Presentation	
			14:50 – 15:00: S2R IT2Rail Presentation	
15:00	16:30	Strategic Session 1.1, 1.2 and 1.3		
16:30	17:00	Coffee Break	16:30 – 16:45: S2R Connecta Presentation	
17:00	18:30	Scientific, Technical and Invited Sessions		
		5.1. ST4RT project presentation: Semantic Transformations for Rail Transportation	5.1. ATTRACKTIVE project presentation: Advanced Travel Companion and Tracking Services	GOF4R Project Poster
18:30	20:00	Shift2Rail Reception		

START	END	TUESDAY (17/04/2018)		
8:00	8:30	Registration		
8:30	10:00	Scientific, Technical and Invited Sessions		
		8.2. X2Rail- 1 project presentation: Railway cybersecurity –on the way of a common and integrated approach	PINTA, SMART, NEAR2050, MISTRAL and IMPACT-1 project posters	

10:00	10:30	Coffee Break	10:00 – 10:15: S2R FR8HUB Presentation		
			10:15 – 10:30: S2R ARCC Presentation		
10:30	12:00	Plenary Session 2: How Digitalisation is transforming the Transport & Mobility System			
12:00	13:15	Lunch Break	12:00 – 12:15: S2R Connecta Presentation		
			12:15 – 12:30: FAIR Stations Presentation		
			12:30 – 12:45: S2R X2Rail-1 Presentation		
			12:45 – 13:00: DestinationRAIL Presentation		
			13:00 – 13:15: S2R ATTRACTIVE and Co-Active Presentation		
13:15	14:45	Strategic Session 2.1, 2.2 and 2.3	13:15-13:30: S2R IT2Rail Presentation		
14:45	15:15	Coffee Break	14:45 – 15:00: S2R ASTRail Presentation		
			15:00 - 15:15: S2R Smart-Rail Project Presentation		
<b>Scientific, Technical and Invited Sessions</b>					
15:15	16:45	9.2. CONNECTA project presentation: The Next Generation of the Train Control and Monitoring System	9.2.SAFE4RAIL project presentation: Novel highly reliable safe architecture for robust integration of on-board train control applications	9.2. X2Rail-1 project presentation: Defining an Adaptable Communications System for all railways	Safe4Rail, VITE and project posters
16:45	17:00	Coffee Break	16:45- 17:00: S2R GoSafe Rail Q&A		
<b>Scientific, Technical and Invited Sessions</b>					
17:00	18:30	8.4. FFL4E / ARCC project presentation: Rail Freight Automation in S2R: Development of prototypes		X2Rail-1 project poster	
20:00		GALA Dinner and TRA VISIONS Senior Researchers Award			

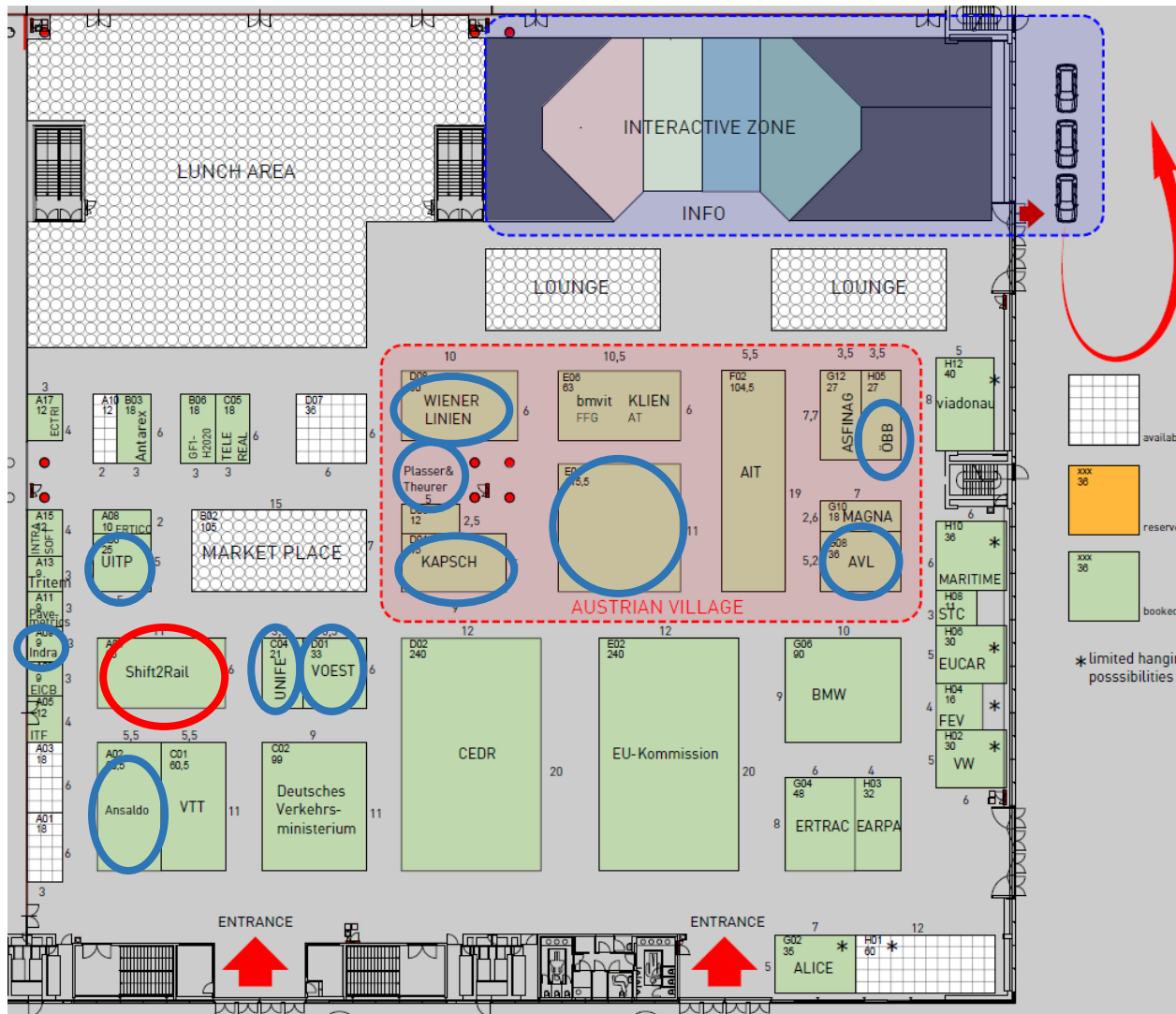
START	END	<b>WEDNESDAY (18/04/2018)</b>	
All day long		S2R Dynafreight poster at Marketplace	
8:00	8:30	Registration	
8:30	10:00	<b>Scientific, Technical and Invited Sessions</b>	
10:00	10:30	Coffee Break	10:00 – 10:15: S2R My-TRAC Presentation
			10:15 – 10:30: S2R Smart-Rail Presentation
10:30	12:00	Plenary Session 3: Decarbonisation & Future Growth: How to change our Mobility System & remain competitive	
12:00	13:15	Lunch Break	12:00 – 12:15: S2R Connecta Presentation
			12:15 – 12:30: S2R FAIR Stations Presentation

			12:30 - 12:45: S2R Mistral Presentation
			12:45 - 12:55: S2R X2Rail-1 Presentation
			12:55 - 13:05: S2R GoSafe Rail Q&A
			13:05 - 13:15 S2R My-TRAC presentation
13:15	14:45	Strategic Session 3.1, 3.2 and 3.3	
14:45	15:15	Coffee Break	14:45 - 15:00: S2R X2Rail-2 Presentation
			15:00 - 15:15 S2R S-CODE Presentation
15:15	16:45	Scientific, Technical and Invited Sessions	
		INNOWAG and 2 FR8RAIL project poster	2.1. Roll2Rail presentation in the Marine and Railway Engineering session
16:45	17:00	Coffee Break	16:45- 17:00: Destination Rail Presentation
		Scientific, Technical and Invited Sessions	
17:00	18:30	1.3. PINTA project presentation: Reducing noise pollution of urban areas: new advances for railway vehicles	5.3. PLASA project presentation: Comparison of microscopic and macroscopic approaches to simulating the effects of infrastructure disruptions on railway network
			7.3. IN2SMART project presentation: Towards an intelligent and automated platform for railway asset management

START	END	THURSDAY (19/04/2018)	
8:00	8:30	Registration	
		Scientific, Technical and Invited Sessions	
8:30	10:00	9.3. X2Rail-1 project presentation: SP- System-Level Evaluation of Next-Generation Radio Communication System for Train Operation Services	IN2RAIL and X2Rail-1 project poster
10:00	10:15	Coffee Break	10:00 - 10:07: S2R Destination RAIL Project Presentation
			10:08 - 10:15: S2R FAIR Stations Project Presentation
10:15	11:45	4.1 Strategic Session with Carlo Borghini: Enabling and Implementing Research and Innovation Strategies	10:20-10:30: S2R Smart-Rail Project Presentation
11:45	12:45	Lunch Break	12:00 - 12:15: S2R Connective Presentation
			12:15 - 12:30: S2R Cohesive Presentation
			12:30 - 12:45: S2R ATTRACKTIVE and Co-Active Presentation

12:45	14:15	Plenary Session 4: Shaping Future Transport Research in Europe
14:15	15:00	Closing

# Shift2Rail and its Members' Stand Allocation



Ansaldo STS



# S2R Stand Concept

