



VIENNA 2018

A digital era for transport

solutions for society, economy and environment

The 7th 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 |
|------------------|------------------|-----------------------------------|---|---|

| 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 | |

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|--|-------|--|---|--|-------------------------------------|
| 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 | | |
| Scientific, Technical and Invited Sessions | | | | | |
| 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 | | |
| Scientific, Technical and Invited Sessions | | | | | |
| 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 | | | |

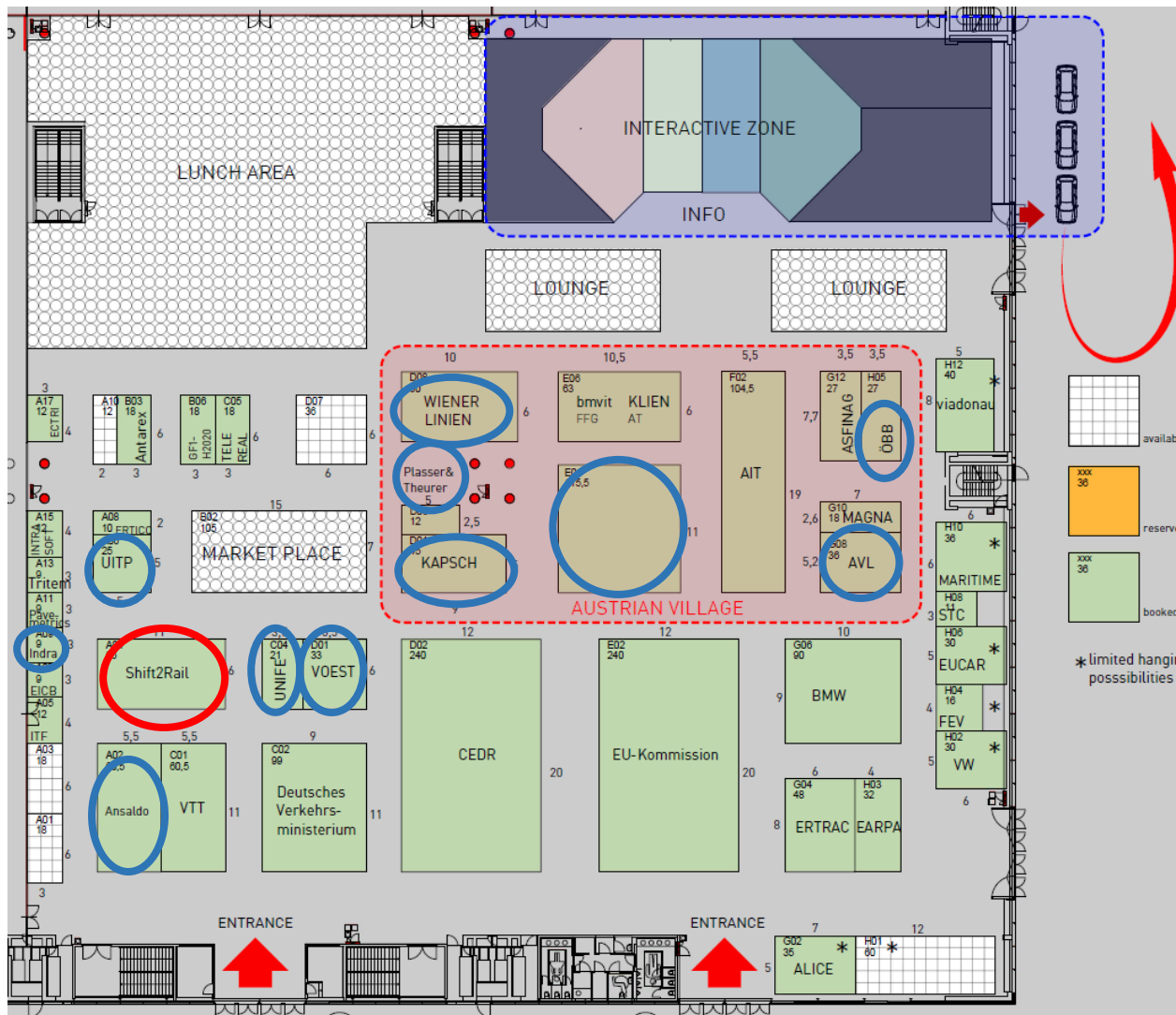
| START | END | WEDNESDAY (18/04/2018) | | |
|--------------|-------|--|---|--|
| All day long | | S2R Dynafreight poster at Marketplace | | |
| 8:00 | 8:30 | Registration | | |
| 8:30 | 10:00 | Scientific, Technical and Invited Sessions | | |
| 10:00 | 10:30 | Coffee Break | 10:00 – 10:15: S2R My-TRAC 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 | |

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|-------|-------|---|--|
| | | | 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 |

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| 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

