

# Europe's Rail at TRA 2022

## PROGRAMME

14 – 17 NOVEMBER 2022

### Monday – 14 November

<i>Events</i>		<i>Permanent Demos</i>
9:30-12:00	<p><a href="#">Opening Ceremony</a></p> <ul style="list-style-type: none"> <li>Industrial Round Table: The future of mobility in Europe</li> <li>TRA Visions Young Researchers Awards Ceremony               <ul style="list-style-type: none"> <li>Carlo M Borghini, Executive Director, Europe's Rail Joint Undertaking</li> </ul> </li> </ul>	<ul style="list-style-type: none"> <li>Virtual reality tool on noise abatement technologies</li> <li>Dedicated translation tool</li> <li>Travel companion app and interoperability framework</li> <li>Mock-up of lightweight single axle running gear frame</li> <li>DAC virtual reality</li> <li>Hololens</li> </ul>
12:00-13:00	Opening of exhibition/ VIP tour	
14:00	EU-Rail & ERRAC joint event on EU-Rail stand	
15:15-16:30	<p><a href="#">Strategic Session – Artificial Intelligence for smart and sustainable mobility</a></p> <p><b>Participants:</b></p> <ul style="list-style-type: none"> <li>Anne-Fleur van Veenstra, TNO, Director of Science Strategic Analysis &amp; Policy at TNO</li> <li>Carlo M Borghini, Executive Director, Europe's Rail Joint Undertaking</li> <li>Aleksander Hammernes, Kongsberg Maritime, Product Advisor for Situational Awareness</li> <li>Joost Vantomme, ERTICO</li> <li>Barry Kirwan, Eurocontrol</li> <li>Eliane Moreno, VW Data lab</li> </ul>	
18:30-19:00	<p><b>916 Safe4Rail-3: Advanced safety architecture and components for Next Generation Train Control and Monitoring System in Railways</b></p> <ul style="list-style-type: none"> <li>Jose Bertolin, UNIFE</li> </ul>	
18:30-19:00	<p><b>127 Shift2Rail IP4: Building an interoperable mobility ecosystem at a European scale</b></p> <ul style="list-style-type: none"> <li>Marco Ferreira, Thales Portugal SA</li> </ul>	

## Tuesday – 15 November

<b>Events</b>		<b>Permanent Demos</b>
<b>12:00-19:00</b>	<b>327 From manual driving to fully automatic train operation: Presentation of Shift2Rail work on ATO for mainline railways</b> <i>Posters Area</i> <ul style="list-style-type: none"> <li>Benoit BIENFAIT, Alstom Transport</li> </ul>	<ul style="list-style-type: none"> <li>Virtual reality tool on noise abatement technologies</li> <li>Dedicated translation tool</li> <li>Travel companion app and interoperability framework</li> <li>Mock-up of lightweight single axle running gear frame</li> <li>DAC virtual reality</li> <li>Hololens</li> </ul>
<b>14:45-18:00</b>	<b>ERRAC Plenary Meeting</b> <i>TRA22 venue, Lisbon Congress Center, Praça das Indústrias, 1300-307 Lisboa – Portugal</i> <ul style="list-style-type: none"> <li>Carlo M Borghini, Executive Director, Europe's Rail Joint Undertaking</li> </ul>	
<b>15:00-17:00</b>	<b>Extensive Project: Mid-term event</b> <i>Room 3B, Centro de Congressos de Lisboa</i>	
<b>15:00-16:00</b>	<b>Presentation of Shift2Rail Ben@Rail project</b> <i>Booth number: 2.04, Pavilion 2 (Eurnex stand)</i>	
<b>17:00-18:30</b>	<b>294 The TRANSIT project: innovation towards train pass-by noise source characterisation and separation tools</b> <ul style="list-style-type: none"> <li>Marta Garcia, UNIFE</li> </ul>	
<b>20:00-23:00</b>	<b>Gala Dinner</b> <i>Pátio da Galé, Lisbon</i>	

## Wednesday – 16 November

<b>Events</b>		<b>Permanent Demos</b>
<b>10:30-11:45</b>	<b>PLENARY 3 – INNOVATIVE INFRASTRUCTURE FOR EUROPE 2030</b> <ul style="list-style-type: none"> <li>Annaleena Mäkilä, Chair of the European Sea Port Association (ESPO)</li> <li>Bo Olsson, Chief Strategist at Trafikverket</li> <li>Dirk Beckers, Director at CINEA – European Climate, Infrastructure and Environment Executive Agency</li> <li>Firas Ibrahim, Director of the Office of Research, Development and Technology at the US DoT</li> </ul>	<ul style="list-style-type: none"> <li>Virtual reality tool on noise abatement technologies</li> <li>Dedicated translation tool</li> </ul>

	<ul style="list-style-type: none"> <li>• João Caetano, President of the Portuguese Institute for Mobility and Transport</li> <li>• Pietro D'Arpa, Vice-president Supply Chain Procter &amp; Gamble Europe</li> </ul>	<ul style="list-style-type: none"> <li>• Travel companion app and interoperability framework</li> <li>• Mock-up of lightweight single axle running gear frame</li> <li>• DAC virtual reality</li> <li>• Hololens</li> </ul>
<b>12:00-12:30</b>	<b>The European Rail Research Advisory Council (ERRAC)</b> <i>Location: EU-Rail stand</i> <b>Participants:</b> <ul style="list-style-type: none"> <li>• Carlo M Borghini, Executive Director, Europe's Rail Joint Undertaking</li> <li>• Roland Moser, Chair, ERRAC</li> <li>• Jürgen Schlaht, Vice Chair, ERRAC</li> </ul>	
<b>15:00-16:30</b>	<b>862 Toward new generation railway Traffic Management Systems: the contribution of the OPTIMA project</b> <ul style="list-style-type: none"> <li>• Gabriele Cecchetti, Scuola Superiore Sant'Anna</li> </ul>	
<b>17:00-18:30</b>	<b>844 IN2ZONE research project towards the Next Generation of Railway Transition Zones</b> <ul style="list-style-type: none"> <li>• Marta Garcia, UNIFE</li> </ul>	

### **Thursday – 17 November**

<b>Events</b>		<b>Permanent Demos</b>
<b>8:30-10:00</b>	<b>Motivating companies, academia and research organisations to participate in EU research</b> <ul style="list-style-type: none"> <li>• Giorgio Travaini, Head of Programme, Europe's Rail Joint Undertaking</li> <li>• Daniel Lopour, EUSPA, Finding more opportunities for project synergies</li> <li>• Miroslav Haltuf, Europe's Rail JU SRG, Member state's role in applied research for the rail sector</li> <li>• Matthias Prandtstetter, AIT Austrian Institute of Technology – Thematic Coordinator Integrated Transport Optimization &amp; Senior Scientist</li> <li>• Tatiana Molková, University of Pardubice – Faculty of Transport Engineering, Role of academia in preparation of Europe's Rail JU research programme</li> </ul>	<ul style="list-style-type: none"> <li>• Virtual relation tool on noise abatement technologies</li> <li>• Travel companion app and interoperability framework</li> <li>• Mock-up of lightweight single axle running gear frame</li> <li>• DAC virtual reality</li> <li>• Hololens</li> </ul>
<b>12:00-19:00</b>	<b>498 The 4SECURail approach to formalizing standard interfaces between signalling systems components</b>	

	<p><i>Posters Area</i></p> <ul style="list-style-type: none"> <li>Alessandro Fantechi, University of Florence and ISTI-CNR</li> </ul>	
10:30-11:45	<p><b>PLENARY 4 – POLICIES AND ECONOMICS FOR A COMPETITIVE EUROPE</b></p> <ul style="list-style-type: none"> <li>Antonella Trombetta, Director of European Affairs at Hitachi Rail STS</li> <li>Eero Lehtovaara, Chair at the Waterborne Technology Platform</li> <li>Jan Ludvík, Engineering Director – Advanced Technology Europe at Honeywell</li> <li>Jean-Luc di Paola-Galloni, Vice President at Valeo</li> <li>Maria da Graça Carvalho, MEP and member of the ITRE Committee on Industry, Research and Energy</li> <li>Rosalinde van der Vlies, Director of the Clean Planet Directorate, DG Research and Innovation, European Commission and Deputy Manager of the Climate-neutral and Smart Cities Mission</li> </ul>	
12.45-14.00	<p><b>Strategic Session 4.3 – Supporting a global sustainable competitiveness and industrial policy through EU public-private partnerships</b></p> <ul style="list-style-type: none"> <li>Julien Guerrier, Director, Directorate RTD.G – Common Policy Centre, European Commission</li> <li>Pieter Huyskens, Director of Research, Development &amp; Innovation for the Damen Shipyards Group</li> <li>Jaqueline Matijevic, Head of Department Mobility and Transport Technologies, BMK (Austrian Federal Ministry for Climate Action, Environment, Energy, Mobility, Innovation and Technology)</li> <li>Pierpaolo Biffali, Head of Powertrain Product Engineering, Iveco Group</li> <li>Noemi Jiménez-Redondo, Director R&amp;D, CEMOSA Françoise Guaspere, Senior Policy Advisor Île-de-France Europe (Paris region), Vice-Chairwoman of ERTRAC</li> <li>Andreas Boschen, Executive Director, SESAR 3 Joint Undertaking</li> </ul>	
14.15-15.15	<p><b>Closing ceremony</b></p>	