



# RAILS FINAL EVENT

## 30 MAY 2023

**General Chair: Dr. Zhiyuan Lin**  
Lecturer in Railway Operations and Control, University of Leeds

All times are CEST - Registration Link: <https://rails-project.eu/rails-final-workshop-roadmapping-event-online/>

<b>13.00 – 15.00</b>	<b>RAILS Final Workshop</b>	
<b>13.00 - 13.30</b>	<b>Part I: Introduction</b>	
13.00 - 13.10	Opening and Welcome to attendees	Prof. Ronghui Liu University of Leeds
13.10 - 13.20	Welcome from Project Officer	Manuel Alarcon Espinosa EU-RAIL Programme Manager
13.20 - 13.30	RAILS: A bird eye view	Prof. Valeria Vittorini CINI and University of Naples Federico II RAILS Project Coordinator
<b>13.30 - 14.00</b>	<b>Part II: AI for Safety and Automation</b>	
13.30 - 13.40	Outcomes from the Proof-of-Concept on Obstacle Detection	Lorenzo De Donato, Ph.D. Student in ITEE CINI and University of Naples Federico II
13.40 - 13.50	Outcomes from the Proof-of-Concept on Virtual Coupling	Prof. Stefania Santini CINI and University of Naples Federico II
13.50 - 14.00	General Recommendations and Q&A	Prof. Francesco Flammini Linnaeus University
<b>14.00 - 14.30</b>	<b>Part III: AI for Predictive Maintenance and Defect Detection</b>	
14.00 - 14.10	Outcomes from the Proof-of-Concept on Level Crossing	Lorenzo De Donato, Ph.D. Student in ITEE CINI and University of Naples Federico II
14.10 - 14.20	Outcomes from the Proof-of-Concept on Rolling Stock	Ruifan Tang, Ph.D. Student in ITS University of Leeds
14.20 - 14.30	General Recommendations and Q&A	Dr. Zhiyuan Lin University of Leeds
<b>14.30 - 15.00</b>	<b>Part IV: AI for Traffic Planning and Management</b>	
14.30 - 14.40	Outcomes from the Proof-of-Concept on Primary Delay Prediction	Dr. Zhiyuan Lin University of Leeds
14.40 - 14.50	Outcomes from the Proof-of-Concept on Incident Attribution Analysis	Ruifan Tang, Ph.D. Student in ITS University of Leeds
14.50 - 15.00	General Recommendations and Q&A	Prof. Rob Goverde TU Delft
15.00 – 15.05	Wrap up & conclusions	Prof. Valeria Vittorini CINI and University of Naples Federico II RAILS Project Coordinator

<b>15.05 - 15.15</b>	<b>BREAK</b>
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<b>15.15 – 17.00</b>	<b>Roadmapping Event</b>	
Introduction	Prof. Rob Goverde TU Delft	
On-line Survey and discussion	Prof. Francesco Flammini Linnaeus University	
Wrap up & conclusions	Prof. Valeria Vittorini CINI and University of Naples Federico II RAILS Project Coordinator	