





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/

13.00 - 15.00	RAILS Final Workshop	
13.00 - 13.30	Part I: Introduction	
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
13.30 - 14.00	Part II: AI for Safety and Automation	
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
14.00 - 14.30	Part III: AI for Predictive Maintenance and Defect Detection	
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
14.30 - 15.00	Part IV: AI for Traffic Planning and Management	
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

15.05 - 15.15

BREAK

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

The RAILS project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 881782. The content of this document reflects only the author's view – the Joint Undertaking is not responsible for any use that may be made of the information it contains.