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 TU Delft
The CEN-CENELEC Roadmap for AI		CEN-CENELEC
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