

<b>Harmotrack 5th Plenary Meeting</b> Day 1 - Monday 13th June 2022 Birmingham (United Kingdom)		
<b>Harmotrack Morning Session (Public)</b>		
8:30-9:00	<b>Morning Buffet</b>	
9:00 - 9:05	Welcome Remarks	Danilo Sorrentino (SNCF Réseau)
9:05 - 9:15	Introductory Speech	Clive Roberts (University of Birmingham)
9:15 - 9:20	UIC Presentation	Mercedes Gutierrez (UIC)
	<b>High Level Speaker Sessions</b>	<b>Moderator</b>
		<b>Speakers</b>
9:20 - 10:35	Round Table 1 - How Research, Development and Innovation is changing maintenance activities and regimes	David Briginshaw (IRI)
		Yann Bezin (University of Huddersfield)
		Martin Brennan (UIC)
		Anup Chalisey (Rail Safety and Standards Board - RSBB)
		Dingqing Li (MxV Rail - Formerly TTCI)
10:35 - 10:50	<b>Tea Break</b>	
10:50- 12:05	Round Table 2 - The importance of technology implementation in enhancing the operational railway	David Briginshaw (IRI)
		Robert Ampomah (Network Rail)
		Marco Gallini (RFI)
		Thomas Joindot (SNCF Réseau)
12:05 - 12:15	Presentation on Railway Technology	Alma Golgota ("Aleksander Moisiu" University Durrës)
12:15 - 12:40	Special Technical Session	Mani Entezami (University of Birmingham), Russell Licence and Sin Sin Hsu (Network Rail)
12:40 - 12:55	Technical Presentation on Railway Dynamics	Carlos Nieva Hernando (ADIF)
12:55 - 13:00	Closing Remarks	Danilo Sorrentino (SNCF Réseau)
13:00 - 14:00	<b>Lunch Break</b>	
<b>Harmotrack Afternoon Session (Only Harmotrack Members)</b>		
<b>Sub Working Group Meetings (Afternoon Session)</b>		<b>Speakers</b>
14:00 - 14:10	Introductory Speech and Presentation of the Harmotrack Project and Its Advances	Mercedes Gutierrez (UIC) & Danilo Sorrentino (SNCF Réseau)
14:10 - 14:20	Harmotrack Project Plan	Danilo Sorrentino and Jessa Mae Llabres (SNCF Réseau)
14:20 - 14:25	NDA signing process	Charafa Hajjany (UIC)
14:25 - 14:45	SWG1-A: Study of correlation between forces and accelerations	Fatih Ünlü (SBB CFF FFS)
14:45 - 14:50	SWG1-B: Study of correlations between accelerations- and track geometry	Danilo Sorrentino (SNCF Réseau)
14:50 - 15:10	SWG1-B Alpha: Study of filters	Fulvio Cianci (RFI) & Hakkı Küçükkeskin (TCDD)
15:10 - 15:25	<b>Tea Break</b>	
15:25 - 15:45	SWG1-B Beta 1: Study of most dangerous combination of track geometry defects	Ali Tajaddini (FRA), Raphael Marotta (VLI logistica) & Brian Marquis (VOLPE)
15:45 - 16:05	SWG1-B Beta 2: Study of correlations between accelerations and track geometry using statistical analysis	Danilo Sorrentino, Florian Latestere (SNCF Réseau), Emily Greve & David Stolnis (Amtrak)
16:05 - 16:25	SWG1-B Beta 3: Detection of track geometry defects using machine learning techniques	Alfonso Panunzio (RATP) & Cassandre Diaine (SNCF Réseau)
16:25 - 16:45	SWG1-B Gamma: Study of occurrences and risk analysis, transferring thresholds from reference vehicle to different vehicle and speeds	Nicolas Lestoille (SNCF Réseau) & Maciej Patyga (PKP PLK S.A.)
16:45 - 17:00	<b>Tea Break</b>	
17:00 - 17:20	SWG2: Optimal use of axle box accelerations for the detection of short length defects	Stanislaw Banaszak (SBB CFF FFS), Olivier Vo Van (SNCF), Claudio Somaschini & Egidio Di Gialleonardo (Politecnico di Milano)
17:20 - 17:40	SWG3: Use of innovative and cheap devices	Franck Dadié (SNCF Réseau)
17:40 - 18:00	Closing speech and any other business	Danilo Sorrentino (SNCF Réseau)