NeTIRail-INFRA WP4 Training workshop
UIC, PARIS

Agenda

Time	Title	Who
09:30-10:00	Registration and coffee	
10:00-10:20	NeTIRail-INFRA overview, aims and objectives	Jonathan Paragreen, University of Sheffield
10:20-10:40	**Track monitoring innovations and results (WP4)** Welcome and overview	Alfredo Nunez, TU Delft - Vlasta Miklavzin, Prometni Institut
10:40-12:40	Axle box acceleration measurements in Romania: Faurei test ring and line Braşov to Zărneşti • Using a train in operation (with passengers onboard). Condition of the rails using Axle Box Acceleration in the line Braşov to Zărneşti was captured. This conducted to analyze trade-offs between number of interventions and the effects on the rail condition performance. Estimation of rail condition of the Faurei test ring was estimated. Field inspections proved the validity of the approach under different speeds	Alfredo Nunez, TU Delft
	Dynamic measurements in Slovenia • Dynamic technology and measurement equipment Comparison with other monitoring technologies	Vlasta Miklavzin, Prometni Institut
	Application for comfort monitoring, using low cost Smartphone • Summary description of the developed application • Results presentation of experiments	Lucian Emanuel Anghel, ADS Electronics
	Wireless acceleration acquisitioning system, for railway environment • Summary description of the developed system • Results presentation of experiments	Tudor Popa, ADS Electronics
	Current and voltage monitoring, for electric locomotives • Overview of on-board current and voltage measurement fitted to existing locomotives • Results from on track trials	Tudor Popa, ADS Electronics
	Upgrading old interlocking systems • Summary description of the developed solution. • Results presentation of experiments	Tudor Popa, ADS Electronics
12:40-13:00	• Interactive session with the participants to discuss further steps towards implementation or new Challenges	All
13:00-14:00	Lunch	