



INTERNATIONAL UNION
OF RAILWAYS

24/02/2021

UIC Railway Noise Days

Organised by Train-Track Interaction Sector, Rail System Department

Moderator: Pierre-Etienne GAUTIER, Chair of the UIC TTI Sector & SNCF Réseau

“How Railways Become Good Neighbours”

09:00 Welcome remarks: Christian Chavanel, UIC Rail System Department Director

09:10 Introduction: Pierre-Etienne GAUTIER, Chair of the UIC TTI Sector & SNCF Réseau

Mercedes GUTIERREZ / David MIRAYO, UIC TTI Senior Advisors

***** UIC White Paper on Acoustics*****

09:20 White Paper presentation- Baldrik FAURE, SNCF

09:40 Aerodynamic Noise- Claire CHAUFOUR, SNCF / Gennaro SICA, HS2

10:00 Impact noise in railway crossings- Jens NIELSEN, Chalmers University

10:15 Acoustic comfort, subjective perception- Reto PIEREN, EMPA

10:30 Coffee break – break-out rooms

11:00 Shift2Rail solutions contributing to noise and vibration mitigation - Judit SANDOR, Shift2Rail, Programme Manager

11:15 Ground-borne vibration. Prediction models for railway induced vibration in the built environment. (SILVARSTAR) - Geert DEGRANDE, University of Leuven

11:30 Ground vibration, and the need and requirements for developments of prediction tool from the railways perspective (FINE-2) - Rüdiger GARBURG, Deutsche Bahn AG

***** Special topics *****

11:45 Railway Noise Mitigation Framework in Europe - Jakob OERTLI, Chair of the UIC Noise and Vibration Sector, SBB

12:00 Identifying key issues for future research, Q&A, Concluding remarks - Pierre-Etienne GAUTIER, SNCF Réseau

12:20 Closed