



Program ERPUG Forum 2021

Vienna, Austria

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10 November		Presenter	Company	Country	Sponsor
14:00	Welcome				
	Anna Huditz Head of Competence Unit Transportation Infrastructure Technologies, Center for Low-Emission Transport at AIT, The Austrian Institute of Technology GmbH		AIT	AT	
14:20-14:40	Asset Management - Challenges for a sustainable management of the Road Infrastructure.	Alfred Weninger	Deighton	AT	Platinum
14:40-15:00	Long-term effects of an underfunded road maintenance budget.	Kristin Eklöf	Salbo.ai	SE	
15:00-15:20	Pavement surface characteristics - differences in measured parameters and their evaluation and use in different countries	Josef Stryk	CDV	CZ	
15:20-15:40	ViaTechs experience for using AI in pavement and asset management	Håvard Farstad	ViaTech	NO	gold
15:40-16:20	Coffee break exhibition				
16:20-16:40	Prediction interval for average rut dept over a longer section	Olle Eriksson	VTI	SE	gold
16:40-17:00	Implementation process of waveband analysis of pavement surface conditions	Natasja Ringsing Nielsen	DRD	DK	silver
17:00-17:20	Ongoing and future activities in the ISO/TC 43/SC 1/WG 39, Characterization of pavement texture by use of surface profiles	Thomas Lundberg	VTI	SE	gold
17:20-17:40	Virginia Pavement Friction Management Program Demonstration.	Edgar de Leon Izeppi	VTTI	US	
18:00-21:00	Ice breaker	Mingle event			
11 November					
9:00-9:20	Advances and processing approaches in 3D texture measurements	Reinhard Wehr	AIT	AT	
9:20-9:40	Status of the AI-based evaluation of road condition and next developments	Andreas Grossman	Ginger LEHMANN+PARTNER	DE	gold
9:40-10:00	Using profiles and 3D laser information to assess pavement quality	Enea Sogno, Giuseppe Lorenzo	SINA	IT	
10:00-11:00	Coffee break exhibition				
11:00-11:20	Mobile Mapping systems for efficient transportation infrastructure surveying and pavement analysis.	Harald Teufelsbauer	Riegl lms	AT	gold
11:20-11:40	XenoTrack – a new approach to road scanning	Karsten Bronowski	XenomatiX	BE	gold
11:40-12:00	FuelSave - using road data insights to reduce OpCarb emissions from road design	Christian Stjernquist	Ramboll	SE	gold
12:00-13:00	Lunch				



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13:00-13:20	Lunch				
13:20-13:40	ETL (extract-transform-load) application for TSD data processing.	Adam Zofka	IBDiM		
13:40-14:00	Classifying degraded road pavement markings using computational neural nets with a mobile retroreflectometer system.	Joe Turley	RetroTek Technology Ltd	IE	
14:00-14:40	The current Dutch pavement monitoring system	Willem van Aalst	TNO	NL	
14:40-15:00	From a human visual inspection to an automated distress detection done by a machine	Eelke Vromans	Kiwa KOAC	NL	
15:00-15:40	Coffee break exhibition				
15:40-16:00	Longitudinal profile measurements using IMUs with 3-axis accelerometers and gyros welcome to the future!	John Laurent	Pavemetrics	US	silver
16:00-16:20	Cycle paths condition and related research activities at VTI.	Maria Mäkitalo	VTI	SE	gold
16:20-16:40	Curvatures and discontinuities	Leif Grönskov	Greenwood	DK	gold
16:40-17:00	Current developments in structural and surface assessment on the UK Strategic Road network	Alex Wright	TRL		
18:00-19:00	Guided ZOO tour				
19:00	Welcome drink				
19:30-	Dinner event				
12ovember					
9:00-9:20	Relating dynamic truck wheel loads to longitudinal evenness evaluation.	Roland Spielhofer	AIT	AT	
9:20-9:40	Bearing capacity assessment on a network level using Ramboll RAPTOR, experiences from Norway.	Martin Wiström	Ramboll	SE	gold
9:40-10:00	Comprehensive road infrastructure measurements using the iPAVe.	Bjarne Schmidt	ARRB	SE	gold
10:00-10:40	Coffee break exhibition				
10:40-11:00	Connected vehicle data - Reinventing Road monitoring	Björn Zachrisson	NIRA Dynamics	SE	Platinum
11:00-11:20	LiRA project: towards the future of pavement surface survey	Matteo Pettinari	DRD	DK	silver
11:20-12:40	<i>Panel discussions - New condition information available from connected vehicles versus traditional collected information. Is it a paradigm shift?</i>	Peter Ekdahl	Ramboll	All	
12.40-13:00	FAREWELL and LUNCH				