

eMaintenance2019

Program 15th May

07:30-08:30 Registration		
08:30-08:45 Opening		
08:45-09:15 Innovative transport solution, Hamid Zarghampour , The Swedish Transport Administration		
09:15-09:45 Director of PHM and RAMS, Professor Pierre Dersin Alstom , France		
09:45-10:15 Walk and talk		
10:15-12:30 Workshop railway		
10:15-10:25	ePilot – A collaborative platform for implementation of innovations	
10:25-10:45	Condition monitoring of railway infrastructure from on-board sensors	
10:45-11:00	Data sharing in railway industry 3	
11:00-11:15	The concept of 'Measurement Station Sweden'	
11:15-11:30	Reality Lab Digital Railway	
11:30-12:30	Pitches: Crowd-sourcing for innovation in railway	
12:30-13:30 Lunch		
13:30-15:30 Technical Sessions		
	<u>Technical Session 3</u> <u>Modeling Applications in</u> <u>Maintenance</u>	<u>Technical Session 4</u> <u>Railway Maintenance</u>
13:30-13:50	Comparison of operational effectiveness of a turbocharger volute. Karina Zala, Taimoor Asim, Paul Baker, Kuldip Ubbi and Rakesh Mishra	Cleansing Railway Track Measurement Data for Better Maintenance Decisions. Bjarne Bergquist, Peter Söderholm, Osmo Kauppila and Erik Vanhatalo
13:50-14:10	Effects of a Freely Moving Maintenance Device on the Hydrodynamic Characteristics of Pipe Bends. Taimoor Asim, Rakesh Mishra and Kuldip Ubbi	Governance aspects of cross-organisational railway maintenance data. Veronica Jägare, Ulla Juntti and Ramin Karim
	<u>Technical Session 5</u> <u>Maintenance studies</u>	
14:10-14:30	Productivity improvement though OEE measurement: A TPM case study for meat processing plant in Australia, Vickram Chundhoo, Gopinath Chattopadhyay and Aditya Parida	Cybersecurity Workforce in Railway: A Case study. Ravdeep Kour, Phillip Tretten, Ramin Karim and Sarbjeet Singh
14:30-14:50	Online Sensor and Industrial Systems Connecting Approach – A Global Review. Diogo Tomás, José Torres Farinha, Inácio Fonseca and Miguel Castaño Arranz	Systematic digitalisation of railway infrastructure maintenance. Rikard Granström, Peter Söderholm and Peder Lundkvist
14:50-15:10	Maintenance in the digital era - a survey of challenges and opportunities within the Swedish maintenance ecosystem. Mirka Kans	Application of principal component analysis and artificial neural network in prediction of track geometry degradation. Hamid Khajehei, Alireza Ahmadi, Iman Soleimanmeigouni, Mohammad Haddadzade and Arne Nissen
15:10-15:30		Asset Management of Railway Track using Stochastic Petri Nets. Jaya Kumari
15:30-16:00 Closing session		

