



AGENDA

Name of body concerned:	Asia-Pacific
Meeting Name:	Conference on Digital
Date, time (from [hour] to [hour]):	27-28 October 2021 (08:00 - 11:00 Paris time) (17:00 - 20:00 Melbourne/Sydney time)
Location:	ZOOM: https://us02web.zoom.us/j/81702168342

Master of Ceremony: Mr. Tom SARGANT, UIC PACIFIC Representative

Wednesday 27 October 2021

Welcome (8:00 -8:15)

Mr. François DAVENNE, Director General, UIC

Keynote Speeches (8:15-8:35)

Impact of Digitalisation on Railways

Mr. Warwick TALBOT, Deputy Executive Director, Network Growth, Strategy, Portfolio and Investment, Sydney Trains, Australia

Digital Context & Introduction

Mr. Francis BEDEL, Chief Digital Officer, UIC

Session 1 - Digitalisation (8:35-9:15)

Virtual Twin for sustainable, efficient, safe and resilient rail operations

Mr. Luc FEUVRIER, Technical Director & Mr. Henri BERINGER, Business Consultant Director, Transportation & Mobility Industry, Dassault Systèmes

Cybersecurity: Risk Management for Train Operators

Mr. Björn WESTERBERG, Director of WSP European Rail Advisory, Former CEO of ASTOC (Association of Swedish Train Operating Companies), Sweden

KORAIL Mobile Office for Quick and Efficient Decision Making and Tasks

Mr. KIM Joonsun, Deputy Director of Future Technology Development Department, KORAIL, Korea

Questions & Answers

Break (10mins)

**Session 2 – Condition Monitoring & Machine Learning
(9:25-10:05)**

Infrastructure Asset Digitalisation and Monitoring

Mr. Luca CAROTTI, Vision and Automated Railway Measuring Systems Specialist, Product Line Manager, MERMEC, Italy

Conducting the power of data, domain knowledge & technology to create real and lasting advantage

Mr. Paul McILVEEN, Managing Director, Silver Edge Technologies, Australia

Condition Monitoring Technology

Ms. Toni BREEZE, Asset Information Strategy Manager, Sydney Trains, Australia

Questions & Answers

Session 3 – FRMCS other Future Developments (10:05-10:50)

FRMCS Introduction

Mr. Dan MANDOC, Head of FRMCS, Rail System Department, UIC

Successful Transition to FRMCS

Mr. David ROTHBAUM, Director of Business Development, Ericsson

Questions & Answers

Thursday 28 October 2021

Session 4 – Intelligent Rail (8:00-8:40)

Rio Tinto's Intelligent Railway

Mr. Lido COSTA – Principal Auto Haul, Auto Haul and Rail Productivity, Rio Tinto Group, Australia

JR East's Strategy for Intelligent Rail

Ms. TANAKA Michiko, Ph.D., Senior Assistant Manager, International Affairs HQ, JR East, Japan

Project: “Automated Control System Energy Dispatcher Traction”. Overview Presentation of the System

Mr. TAZABEKOV Timur Serikovich, Deputy Director of the Branch of NC KTZ JSC – «Directorate of Automation and Digitalization», KTZ, Kazakhstan

Questions & Answers

Session 5 – Big Data (8:40-9:20)

Application of Big Data Technologies in Operation and Management of HSR

Ms. XUE Rui, Research Assistant, China Academy of Railway Sciences (CARS), China

Application of Big Data for Infrastructure Maintenance

Mr. German SUKONNIKOV, First Deputy Head of RZD IT Department, Russia

Application of Big Data for Advanced Traffic Management

Mr. Alexey OZEROV, Head of International Department, NIIAS, Russia

Questions & Answers

Break (10mns)

Round Table: Digital for rail (9:30-10:30)

Mr. Tom SARGANT, UIC PACIFIC Representative

Mr. Warwick TALBOT, Deputy Executive Director, Network Growth, Strategy, Portfolio and Investment, Sydney Trains, Australia

Mr. Alexey OZEROV, Head of International Department, NIIAS, Russia

Mr. Dan MANDOC, Head of FRMCS, Rail System Department, UIC

Mr. Björn WESTERBERG, Director of WSP European Rail Advisory, Former CEO of ASTOC (Association of Swedish Train Operating Companies), Sweden

Summary and Closing remarks (10:30-10:45)

Mr. Tom SARGANT, UIC PACIFIC Representative

Mr. Vincent VU, Director Institutional Relations Department, UIC
