MANAGING LONG TERM SAFETY INVESTMENT IN A RAPIDLY CHANGING WORLD

Under the High Patronage of
Service public fédéral Mobilité et Transports Belgium
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LONG TERM SAFETY INVESTMENT
IN A RAPIDLY CHANGING WORLD

Dear Colleagues,

Infrabel and UIC are very pleased to jointly organise the 12th ERTMS World Conference. For many years, Infrabel has been committed to supporting ERTMS both on the national and European stage. We firmly believe that the move in favour of the ERTMS signalling solution will lead to huge changes in the way that we run our trains.

To start with, ERTMS will make rail transport even safer, which is the number one priority for us all. Furthermore, it will have a positive effect on our performance in terms of punctuality and rail network capacity.

We are convinced that a conference of this kind is beneficial to all attendees. It is the ideal time and the perfect platform to exchange experiences and knowledge and establish relationships for the future. It will become increasingly important to share knowledge with one another over the next few years. Now that we are gradually shifting from system development to the roll-out of ERTMS, there are bound to be many challenges along the way. We strongly believe that UIC and the supporting network can help to organise this migration and ensure its success.

Lastly, we trust that you will enjoy all that Brussels has to offer. Some of you are frequent visitors to our capital, while others may seize this unique opportunity to make their first visit to the capital. We encourage you to sample the delights of this wonderful city during your free time – a sense of history and diversity lies around every corner.
THE 12TH UIC ERTMS WORLD CONFERENCE 2016 WILL BE HELD AT THE “SQUARE MEETING CENTER”

Mont des Arts - Kunstberg - 1000 Brussels - Belgium
T +32 (0) 2 515 1300
info@square-brussels.com
www.square-brussels.com

The Square is an attractive location in the Centre of Brussels city, prized for its position and practicality, situated in the cultural quarter of Brussels in front of the Central Station, with easy access to train connections and accommodation.

01 MARCH

OPENING SESSION

Session 1 Long term vision on Safety, Security and Testing
Risk management; IT/cyber security; How to deal with the digitalization of the railway sector; Challenges of introducing IP technologies to Railways; GSM-R QoS requirements; experiences of lab testing vs. field testing; Network security; Transition management; Human resources aspects.

Session 2 Migration
Interoperability at border crossings or inside a country; GSM-R interference and envisaged solutions; Maintenance efficiency and cost reduction for Legacy CCS systems; Migration scenarios, national philosophies and best practices.

Session 3 Global opportunities and challenges
Development and implementation of ERTMS outside Europe; New lines and new environments; Technological changes and different standards to consider; A fair competition among suppliers as a result of a worldwide standardization effort.

Session 4 Telecom
GSM-R evolution towards IP and PS; dispatchers, network, ERTMS data transmission; ETSI specifications/ EIRENE and GSM-R specifications evolution in line with TSI; Applicability to network and mobiles; Equipment readiness and capability of ensuring transition; Interference from Public operators, existing solutions, implementation planning, coordination processes put in place, risk mitigation.

Session 5 Financing + Asset Management
Business cases; Understanding and evaluating the return on investment; Optimization of financial resources; Long term strategy for investments and visibility of financial effort; System versioning and updating vs. securing the value of investments in the future; Support required by small-medium RUs

Session 6 Operations
Training/Traffic Management/ asset maintenance, how to deal with different environments for L1LS

Session 7 Evolution
Technological Innovation; IP based Radio; Private network (GSMR) vs. public networks: pro/contra; use of satellites, where and how; Automatic Train Operation with ERTMS, when and how, which interfaces; ERTMS L3, the reasons for a possible development, required min trackside train detection devices.

02 MARCH

CLOSING SESSION

Find the complete preliminary programme online:
SPONSORING OPPORTUNITIES

Be part of the UIC ERTMS WORLD Conference as an official sponsor.
Taking part as an official sponsor of the conference, at the Square Meeting center, close to the venues where the opening ceremony, the sessions and the closing sessions are planned to be held, will raise the profile of your company:
This location will definitively facilitate excellent synergies and contacts between the participating delegates, sponsors and the exhibitors.

Download the sponsoring opportunities on the official website:

MEDIA REGISTRATION AND ACCREDITATION

All press and media enquiries should be sent directly to the UIC Communications Department

Download the form on the official website:
http://www.ertms-conference2016.com/Media-Registration

ACCOMMODATION

There are a number of hotels near the conference venue, ideally located in the city center at the heart of the cultural quarter. The central railway station nearby offers easy access to train connections and other modes of transport.
We offer you a wide choice of 3, 4, and 5 * hotels.

Book your hotel online on the official website:

TECHNICAL VISITS

THE TECHNICAL VISITS TAKE PLACE ON 29TH FEBRUARY, AND ARE ORGANISED BY INFRABEL

Technical Visits Programme, organized by INFRABEL, 29th February 2016

Participants will have the choice between 2 groups:
Group 1: Visit to Antwerp Central station and Train World Museum
Group 2: Visit to Liège Central station and Train World Museum

GROUP 1

Visit to Antwerp Central station and Train World Museum for 250 participants

13h: Welcome and registration at the Square center
13h30: Departure on foot to Brussels-Central station
14h: Train departure at Brussels-Central station to Antwerp-Central station
15h: Arrival at Antwerp-Central station + break with snacks and drinks at Antwerp-Central station
15h:30: Guided tour of Antwerp-Central station
16h45: Departure to Schaerbeek/Train World Museum
17h45: Arrival at Train World, and visit to Train World Museum
19h30: Cocktail

GROUP 2

Visit to Liège Central station and Train World Museum for 250 participants

13h: Welcome and registration at the Square center
13h30: Departure on foot to Brussels-Central station
14h: Train departure at Brussels-Central station to Liège station
15h15: Arrival at Liège + break with snacks and drinks at Liège station
15h30: Guided tour of the Liège station
16h45: Departure to Schaerbeek/Train World
18h00: Arrival at Train World, and visit to Train World Museum
19h30: Cocktail

DELEGATE REGISTRATION

Register as a UIC ERTMS WORLD Conference delegate to exchange and share your knowledge:
This entitles you to attend the 2 day conference at the “Square meeting center” in Brussels, the technical visit and social events. (Cocktail ceremony, gala Dinner, after drink), registration fees and practical information are available on the official website:


EXHIBITOR REGISTRATION

Register as a UIC ERTMS WORLD Conference exhibitor to share the view and innovation of your company:
The UIC ERTMS Trade Exhibition will take place in Hall 2 of the Square Meeting center, close to the venues where the opening ceremony, the sessions and the closing sessions are planned to be held. All Coffee breaks and lunches will be held in the Exhibition area. This location will definitively facilitate excellent synergies and contacts between the participating delegates and the exhibitors.

Download the Exhibitor manual and book your stand on the official website:
If you need any further information concerning this major event, please contact:

**ORGANISATION**

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For more information and booking details, please visit the website

www.ertms-conference2016.com