Agenda ERTMS 2024 Conference

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Day 1 - 23 April 2024

12:00 - 13:00

Registration - light lunch

13:00 - 13:15

Opening of the workshops

13:15 - 14:45

Workshops - Session A

#1. **Daniel Windisch**, **Soenke Kraft**, **Marc Sarrat** and **Friedmann Bitsch** - Outputs of EU Rail | Standardisation and TSI Input Plan (Presentation)

#2. **Ralph Mueller**, **Elise Pikaar**, **Marcus Arenius**, **Mark Van Dooren**, **Paolo Lauzzana**, **Clarisse Davoine** and **Emanuele Mastrodonato** - Improving ERTMS performance by integrating Human and Organisational Factors (HOF) (Presentation)

#3. **Paolo Ciucci**, **Bastian Simoni**, **Piet Schouwerwou**, **Renato Rodrigues, Silvia Dominguez** and **Georgios Kouparousos** - Operational Harmonisation (Presentation) - (Marketplace)

#4. **Henri van Houten**, **Antonella Trombetta**, **Juha Lehtola**, **Jan-Henrik Voss**, **Alfonso Lorenzo** and **Nicolas Gohel** - How to optimise cost for the ERTMS Lifecycle for Trackside and On-board? (Presentation) - (Marketplace)

#5. **Victoria Campos Alonso**, **Christoph Gralla**, **Vladimír Kampík** and **Jaime Pereira** - How can ERTMS deployment for Trackside and On-board be accelerated? (Presentation) - (Results)

#6. **Jérémy Debast**, **Michel Van Liefferinge**, **Simon Lambert**, **Hartwig Schuster** and **Christian Klecha** - ETCS System compatibility checks : on the way to a progressive phase-out? (Presentation) - (Marketplace)

#7. **Titia Los**, **Remco Arnoldus** and **Luca Macchi** - From Certification to Authorisation, challenges and issues (Presentation) - (Marketplace)

#8. **Jörgen Mattisson**, **Pascal Desaunay**, **Wawka Perschke**, **M. J. García**, **Dan Mandoc**, **Pipsa Hallner**, **Alexander Ende**, **Morten Schläger**, **Michael Kloecker**, **Ove Skovdahl** and **Achim Vrielink** - How to succesfully introduce FRMCS (the succesor of GSM-R) on EU network and the vehicles? (Presentation) - (Marketplace) - (zip)

#9. **Steffen Schmidt**, **Nico Schwan**, **Jose Antonio Quintano**, **Joost van Gennip**, **Ernst Kleine** and **Christoph Klose** - CCS Target and migration - the EU-RAIL System Pillar Approach (Presentation) - (Marketplace) - (Onboard Migration)

#10a. **Karel van Gils** and **Johannes Gräber** - The DAC (Digital Automatic Coupling) programme and its interaction with ERTMS (Presentation)

#11. **Maria Ángeles Bueno**, **Katarzyna Koprowska**, **Stefano Marcoccio**, **Markus Hauner** and **Michal Bahenský** - Trackside approval (Presentation 1) - (Presentation 2)

14:45 - 15:00

Change rooms

15:00 - 16:30

Workshops - Session B

Workshops 1-9: See details in Session A.

#10b. **Jakub Marek** and **Maarten Bartholomeus** - How can ETCS braking curves be adapted to a more realistic behaviour of the rolling stock? (Marketplace) - (Presentations)
#11b. **Juan Hernández Fernández** and **David Cuesta** - The CCS TSI 2023 insights within the transition regime and the error correction process explained (Presentation)

16:30 - 17:00

Coffee break

17:00 - 18:30

Workshops - Session C

Workshops 1-9: See details in Session A.

#10c. **Juan Hernández Fernández**, **Wouter Malfait** and **David Cuesta** - The CCS TSI 2023 insights within the transition regime and the error correction process explained (Presentation)

Day 2 - 24 April 2024

08:30 - 09:00

Registration

09:00 - 09:45

Official Opening

- **Josef Doppelbauer**, ERA and **Kristian Schmidt**, DG MOVE (Presentation)

09:45 - 11:10

Session 1: ERTMS status and outlook

Moderator: **Keir Fitch**, DG MOVE

09:45 - 10:00

Upcoming challenges for ERTMS

- **Matthias Ruete**, DG MOVE

10:00 - 10:15

ERTMS as centrepiece of railway modernisation

- **Kristian Schmidt**, DG MOVE (Presentation)

10:15 - 10:30

View of supply industry

- **Klaus Mindel**, UNIFE/UNISIG (Presentation)

10:30 - 10:45

A European ERTMS Programme Management

- **Alberto Mazzola**, CER (Presentation)

10:45 - 11:00

ERTMS as facilitator for railway liberalization.

- **Maria Luisa Dominguez**, ADIF | EIM (Presentation)

11:00 - 11:15

Questions and Answers

11:15 - 11:20

Conclusions

11:20 - 11:50

Coffee break

11:50 - 13:15

Session 2: Legal framework

Moderator: Josef Doppelbauer, ERA (Presentation)

11:50 - 12:05

ERTMS Specifications inside CCS TSI 2023/1695

- **Juan Hernández Fernández** and **Wouter Malfait**, ERA (Presentation)

12:05 - 12:20

FRMCS Specs (global planning up to v3, v2 status, ETSI, 3GPP)

- **Jean Michel Evanghelou**, UIC (Presentation)

12:20 - 12:35

Towards a stable FRMCS V2 for testing

- **Begoña Domingo**, ERA (Presentation)

12:35 - 12:50

Future of CCS TSI - STIP, TSI and standardisation requests

- **Wawka Perschke**, DG MOVE (Presentation)

12:50 - 13:05

Questions and Answers

13:05 - 13:10

Conclusions

13:10 - 14:25

Lunch

14:25 - 15:10

Marketplace

15:10 - 16:25

Session 3: ERTMS implementation - operation

Moderator : **Michel Ruesen**, ERTMS

15:10 - 15:25

Swiss ERTMS Strategy

- **Raphael Schumacher** and **Patrick Favre**, Swiss federal office of transport (Presentation)

15:25 - 15:40

Czech ERTMS rollout

- **Jindrich Kusnir**, Ministry of Transport, the Czech Republic and **Radek Cech**, Správa železni (Presentation)

15:40 - 15:55

Italian experience

- **Fabio Senesi**, RFI and **Marco Caposciutti**, Trenitalia (Presentation)

15:55 - 16:10

ETCS Deployment in Belgium: Navigating Challenges, Integrating Technologies

- **Jochen Bultinck**, Infrabel (Presentation)

16:10 - 16:25

Experiences of lessors with upgrading their fleet

- **Rainer Beller**, Beacon Rail (Presentation)

16:25 - 16:40

Questions and Answers

16:40 - 16:50

Conclusions

16:50 - 17:20

Coffee break

17:20 - 18:45

Session 4: FRMCS implementation challenges

Moderator: **Thomas Chatelet**, ERA (Presentation)

Speakers:

- **Fred Coursant**, SNCF
- **Pipsa Hallner**, Trafikverket
- **Dan Mandoc**, UIC
- **Morten Schläger**, DB
- **Léa Paties**, EU-Rail for T&V
- **Wawka Perschke**, DG MOVE
- **Michael Mikulandra**, KONTRON
- **Szilard Lakatos**, SIEMENS

17:20 - 18:30

Panel discussion

- FRMCS Migration and deployment: strategies, challenges, national plans, Testing and validation path
- European Coordinated Approach
- FRMCS Testing and validation path - National projects
- Availability of FRMCS products

18:30 - 18:45

Questions and Answers

18:45 - 19:00

Today's conclusions

- **Kristian Schmidt**, DG MOVE
- **Josef Doppelbauer**, ERA

19:00 - 22:00

Cocktail evening

22:00

End day 2

Day 3 - 25 April 2024

09:00 - 09:05

Opening speech

- **Josef Doppelbauer**, ERA

09:05 - 09:10

Introduction context

- **Keir Fitch**, DG MOVE

09:15 - 10:45

Session 5: Implementation - recommendations, good practices

Moderator: **Klaus Mindel**, UNIFE/UNISIG

09:15 - 09:30

How to achieve a cost-efficient approach when deploying ERTMS

- **Roland Stadlbauer**, Thales|UNIFE and **Gabriel du Plessis**, SNCF|CER (Presentation)

09:30 - 09:45

Optimise time and resources when testing ERTMS

- **Jorge Iglesias**, CEDEX|EAL (Presentation)

09:45 - 10:00

Facing certification process in an efficient and effective way

- **Titia Los**, NB-Rail (Presentation)

10:00 - 10:15

Taking benefit of game changers to get the best performance with ETCS

- **Vincent Passau**, ALSTOM|UNIFE and **Nicola Furness**, NetworkRail|EIM (Presentation)

10:15 - 10:30

ESC Testing. Optimisation of campaigns and reduction of needed tests.

- **Dirk Feigenspan**, **Hartwig Schuster**, SIEMENS|UNIFE and **Michel Van Liefferinge** - EUG (Presentation)

10:30 - 10:40

Questions and Answers

10:40 - 10:45

Conclusions

10:45 - 11:15

Coffee

11:15 - 12:50

Session 6: Outlook - Future

11:15 - 11:25

EURAIL - the System Pillar and the Innovation Pillar. Outcomes and objectives

- **Giorgio Travaini**, ERJU (Presentation)

11:25 - 12:05

PANEL 1: Panel Discussion Future Operations

Moderator: **Ian Conlon** (Presentation)

- **Gemma Salazar Luque**, Thales GTS
- **Christophe Klose**, Siemens
- **Bernd Elsweiler**, DB InfraGO AG
- **Aude Chailley**, SNCF
- **Nicola Furness**, EIM

12:05 - 12:45

PANEL 2: Panel Discussion Future Opportunities (and cyber threats)

Moderator: **Lea Paties**, EU-Rail (Presentation)

- **Thomas Chatelet**, ERA
- **Daniel Lopour**, EUSPA
- **Markus Wischy**, ERJU System Pillar
- **Adrien Gharios**, ERJU Innovation Pillar

12:45

Questions and Answers

12:45 - 12:50

Conclusions

12:50 - 13:15

Session 7: Wrap up, conclusion and Closure

Moderator: **Josef Doppelbauer**, ERA

Closing Speech: **Magda Kopczyńska**, DG MOVE

12:50 - 13:15

ERTMS 2024 conference Lessons learned

13:15 - 13:45

Light Lunch

13:45

End of Conference

13:45 - 17:00

Technical Visit (optional)

Option 1: Visiting Infrabel (in La Louvière, Belgium) will give you the opportunity to learn more how Infrabel applies "Safety First" in daily operations in an ETCS environment. Different topics will be presented:

- Digitalization and railway safety
- Rethinking worksite protection under ERTMS with an introduction to the Safer W program

- The Mobile Balise Stop
- Keeping the tracks safe, digital maintenance in an ERTMS environment

Presentations

- Mobile mapping for ETCS reworks
- Safer-W MBS
- Safer-W ATW-Tx
- Signalling Asset Monitoring – SAM Platform
- Safer-W SPI: Safety, Protection, Integrator

Option 2: Embark on a thrilling expedition with **Multitel** (in Mons, Belgium)!

- Join them to uncover the fascinating world of ISO 17025 Accreditation for ERTMS equipment.
- You will also discover how Multitel cutting-edge research has paved the way for ingenious solutions in the railway ecosystem.

Remark: Buses will return to Valenciennes after the technical visits for people wishing to join the ERA 20-year anniversary event from 17:00 onwards.

14:00 - 20:00

ERA 20-year anniversary event

The Agency invites the ERTMS Conference participants to join the ERA's 20-year celebration, which will start in the afternoon of 25 April.

This event is not part of the ERTMS Conference. When registering to the Conference, you will be able to opt to participate. This event is free of charge.

Participants of the technical visits will be able to join the celebration at 17:00.

More info will follow shortly.