

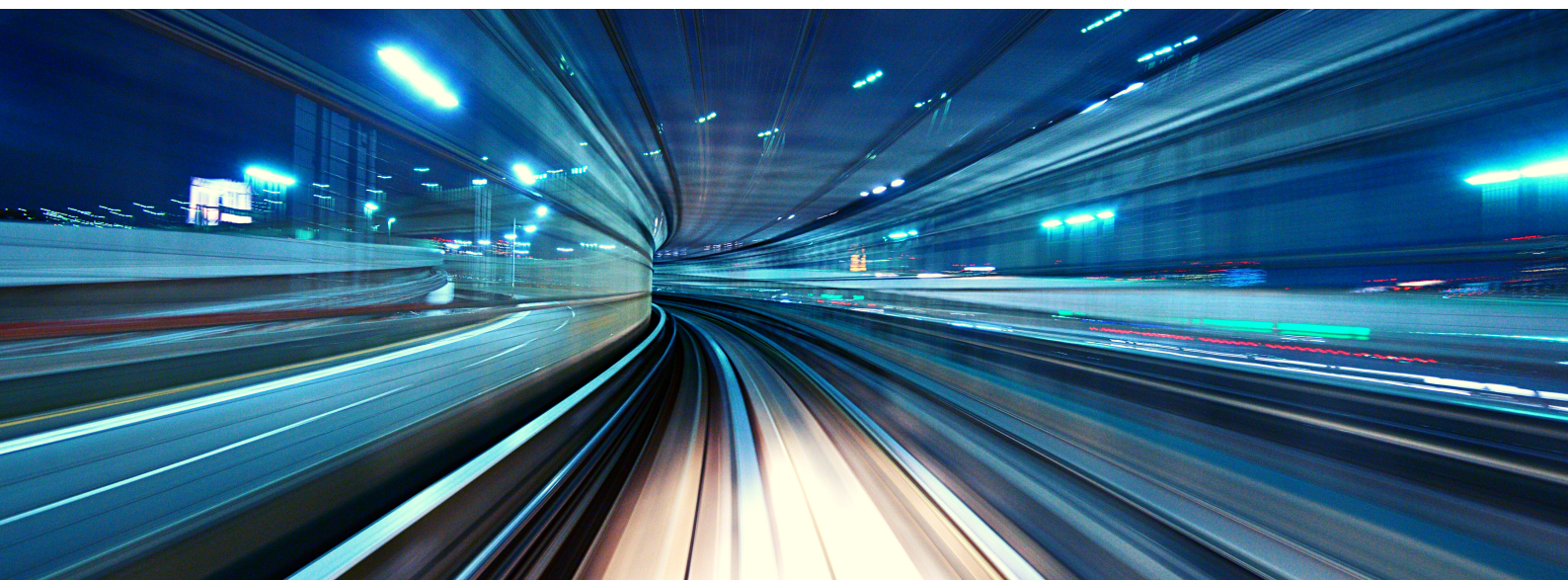
ERTMS 2022 CONFERENCE



Valenciennes | France

26-28 April 2022

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AGENDA

ERTMS 2022 CONFERENCE

Valenciennes | 26-28 April 2022

Cité des Congrès Valenciennes

1 Esplanade des Rives Créatives de l'Escaut

59410 Anzin

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DAY 1: 26 APRIL | WORKSHOPS

12.00 - 13.00

REGISTRATION AND WELCOME COFFEE

13.00 - 13.15

WORKSHOPS OPENING

Introductory remarks by Matthias Ruete | European Coordinator for ERTMS and Karel Vinck | Former European Coordinator for ERTMS

13.15 - 14.45

WORKSHOPS SESSION A

- 1A. ERTMS deployment trackside and on-board. Opportunities and Challenges
Rapporteur: Marcin Wojcik | DG MOVE
- 2A. Existing challenges for ERTMS retrofitting and installations
Rapporteur: Christian Klecha | ERA and Oscar Rebollo | ERA
- 3A. On-board and trackside architecture as foreseen in the TSI CCS 2022
Rapporteur: Klaus Mindel | UNISIG
- 4A. Implementing ATO over ERTMS early feedback from implementation
Rapporteur: Lea Paties | EU-Rail
- 5A. Maximum performance through ETCS
Rapporteur: Peter Reinhart | DB Projects and Daniel Scherrer | SBB
- 6A. TSI CCS ETCS modifications and its resulting impact
Rapporteur: Wouter Malfait | ERA and Juan Hernandez | ERA
- 7A. FRMCS introduction: strategies and perspectives
Rapporteur: Chiel Spaans | ERA and Dan Mandoc | UIC
- 8A. CCS Beyond 2022: introducing Europe's Rail Programme
Rapporteur: Ian Conlon | EU-Rail and Giorgio Travaini | EU-Rail
- 9A. Trackside approval - return of experience
Rapporteur: Jo De Bosschere | ERA
- 10A. ERTMS ETCS trackside engineering rules and their effect in operations
Rapporteur: Georgios Kouparousos | ERA

14.45 - 15.15

Coffee break

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DAY 1: 26 APRIL | WORKSHOPS

15.15 - 16.45

WORKSHOPS SESSION B - SAME CONTENT AS IN WORKSHOPS SESSION A

- 1B. **ERTMS deployment trackside and on-board. Opportunities and Challenges**
Rapporteur: Marcin Wojcik | DG MOVE
- 2B. **Existing challenges for ERTMS retrofitting and installations**
Rapporteur: Christian Klecha | ERA and Oscar Rebollo | ERA
- 3B. **On-board and trackside architecture as foreseen in the TSI CCS 2022**
Rapporteur: Klaus Mindel | UNISIG
- 4B. **Implementing ATO over ERTMS early feedback from implementation**
Rapporteur: Lea Paties | EU-Rail
- 5B. **Maximum performance through ETCS**
Rapporteur: Peter Reinhart | DB Projects and Daniel Scherrer | SBB
- 6B. **TSI CCS ETCS modifications and its resulting impact**
Rapporteur: Wouter Malfait | ERA and Juan Hernandez | ERA
- 7B. **FRMCS introduction: strategies and perspectives**
Rapporteur: Chiel Spaans | ERA and Dan Mandoc | UIC
- 8B. **CCS Beyond 2022: introducing Europe's Rail Programme**
Rapporteur: Ian Conlon | EU-Rail and Giorgio Travaini | EU-Rail
- 9B. **Trackside approval - return of experience**
Rapporteur: Jo De Bosschere | ERA
- 10B. **ERTMS ETCS trackside engineering rules and their effect in operations**
Rapporteur: Georgios Kouparousos | ERA

16.45 - 17.15

Coffee break

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DAY 1: 26 APRIL | WORKSHOPS

17.15 - 18.45

WORKSHOPS SESSION C - SAME CONTENT AS WORKSHOPS SESSION A

- 1C. **ERTMS deployment trackside and on-board. Opportunities and Challenges**
Rapporteur: Marcin Wojcik | DG MOVE
- 2C. **Existing challenges for ERTMS retrofitting and installations**
Rapporteur: Christian Klecha | ERA and Oscar Rebollo | ERA
- 3C. **On-board and trackside architecture as foreseen in the TSI CCS 2022**
Rapporteur: Klaus Mindel | UNISIG
- 4C. **Implementing ATO over ERTMS early feedback from implementation**
Rapporteur: Lea Paties | EU-Rail
- 5C. **Maximum performance through ETCS**
Rapporteur: Peter Reinhart | DB Projects and Daniel Scherrer | SBB
- 6C. **TSI CCS ETCS modifications and its resulting impact**
Rapporteur: Wouter Malfait | ERA and Juan Hernandez | ERA
- 7C. **FRMCS introduction: strategies and perspectives**
Rapporteur: Chiel Spaans | ERA and Dan Mandoc | UIC
- 8C. **CCS Beyond 2022: introducing Europe's Rail Programme**
Rapporteur: Ian Conlon | EU-Rail and Giorgio Travaini | EU-Rail
- 9C. **Trackside approval - return of experience**
Rapporteur: Jo De Bosschere | ERA
- 10C. **ERTMS ETCS trackside engineering rules and their effect in operations**
Rapporteur: Georgios Kouparousos | ERA



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DAY 2: 27 APRIL | ERTMS PAST - PRESENT - FUTURE

8.30 - 9.00

Registration and welcome coffee

9.00 - 9.35

OFFICIAL OPENING

Josef Doppelbauer | ERA Executive Director

Dominique Riquet | MEP, Member of the Committee on Transport and Tourism

Adina-Ioana Vălean | European Commissioner for Transport

9.35 - 10.00

WHO IS WHO

EC, ERA, EUG, CER, EIM, UNIFE, EU-Rail, NB-RAIL, EAL

SESSION 1: 2000-2022 ERTMS ACHIEVEMENTS

MODERATOR:
KRISTIAN SCHMIDT | DG MOVE

10.00 - 10.05

Introduction

10.05 - 10.25

ERTMS deployment. Where do we stand now? Where are we going?

Matthias Ruete | European Coordinator for ERTMS

10.25 - 10.40

ERTMS evolution

Wawrzyniec Perschke | DG MOVE

10.40 - 10.55

The future

Keir Fitch | DG MOVE

10.55 - 11.05

Feedback from Workshop 1 | ERTMS deployment trackside and on-board.

Opportunities and challenges.

Marcin Wojcik | DG MOVE

11.05 - 11.25

Questions and Answers session

11.25 - 11.30

Conclusions

11.30 - 11.45

Keynote speech

Andre Rodenbeck | CEO Rail Infrastructure of Siemens Mobility GmbH

11.45 - 12.15

Coffee break

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DAY 2: 27 APRIL |
ERTMS PAST - PRESENT - FUTURE

SESSION 2:
TSI CCS REVISION PACKAGE 2022

MODERATOR:
JOSEF DOPPELBAUER | ERA

12.15 - 12.35

TSI CCS ETCS - Modifications and its resulting impact and feedback from Workshop 6

Wouter Malfait | ERA and Juan Hernandez Fernandez | ERA

12.35 - 12.50

Managing upward compatibility in TSIs

Hélène Arfaoui Kaynak | CER

12.50 - 13.05

TSI CCS modifications on the communication systems and its resulting impact and feedback from Workshop 7: FRMCS introduction: strategies and perspectives

Chiel Spaans | ERA

13.05 - 13.20

PAD Vehicle Authorisation - Return of experience and feedback from Workshop 2: Existing challenges for ERTMS retrofitting and installations

Thierry Breyne | ERA and Christian Klecha | ERA

13.20 - 13.35

Questions and Answers session

13.35 - 13.45

Conclusions

13.45 - 15.15

Lunch

SESSION 3: SYSTEM EVOLUTION
TOWARDS DIGITAL RAIL

MODERATOR:
CARLO BORGHINI | EU-RAIL

15.15 - 15.20

EU-Rail Vision for rail transport

Carlo Borghini | EU-Rail Executive Director

15.20 - 15.55

System view and feedback from Workshop 3: On-board and trackside architecture as foreseen in the TSI CCS 2022

Steffen Schmidt | SBB, Paolo Ciucci | Alstom, Antonella Trombetta | Hitachi Rail and Fabio Senesi | RFI

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DAY 2: 27 APRIL | ERTMS PAST - PRESENT - FUTURE

15.55 - 16.30

**Innovation view and feedback from Workshop 8: CCS Beyond 2022:
introducing Europe's Rail Programme**

Lars Deiterding | Hacon, Jean-Baptiste Simmonet | SNCF, Michael Klocker | UNITEL
and Jean-Michel Evanghelou | UIC

16.30 - 16.50

Transport view

Ralf-Charley Schultze | UIRR

16.50 - 17.00

Conclusions

17.00 - 17.30

Coffee break

ROUND TABLE, CONCLUSIONS,
COCKTAIL

MODERATOR:
JOSEF DOPPELBAUER | ERA

17.30 - 18.30

Round table discussion

Josef Doppelbauer | ERA

Alberto Parrondo | Thales VP Strategy Ground Transportation Systems

Wolfgang Küppers | Secretary General of OTIF

Kristian Weiland | Head of Corporate Program Digital Rail Germany of DB Netz

Stanislas Pinte | CEO of the Signalling Company

18.30 - 19.00

Today's conclusions

19.00 - 22.00

Cocktail

22.00

End of day 2

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DAY 3: 28 APRIL | ERTMS PROJECTS RETURN OF EXPERIENCE

8.30 - 9.00

Registration and welcome coffee

9.00 - 9.10

Opening speech

9.10 - 10.00

Railway sector representatives share their views

Izaskun Bilbao Barandica | MEP, Member of the Committee on Transport and Tourism,
Matthias Ruete | DG MOVE, Luc Lallemand | CEO SNCF Réseau,
and Alberto Mazzola | CER

10.00 - 10.30

Coffee break

SESSION 4: FEEDBACK FROM THE ERTMS PROJECTS | PART 1

MODERATOR:
MICHEL RUESEN | EUG

10.30 - 10.45

Towards ETCS over FRMCS in Finland - Return of experience on LTE/5G based deployment

Jari Pylvänäinen | DigiRail and Juha Lehtola | Finnish Transport Infrastructure Agency

10.45 - 11.00

On-board implementation of ERTMS in Norway

Vincent Garin | Alstom

11.00 - 11.15

Preconditions for successful rollout of ERTMS in Germany

Philipp Bürsch | DB

11.15 - 11.20

Feedback from Workshop 5: Maximum performance through ETCS

Daniel Scherrer | SBB

11.20 - 11.35

New scopes for certification

Luca Macchi | EAL and NB-Rail

11.35 - 11.50

Trackside approval - Return of experience and feedback from Workshop 9:
Trackside approval

Jo De Bosschere | ERA and Maria Angeles Bueno Cobos | ERA

11.50 - 12.05

Questions and Answers

12.05 - 12.15

Conclusions

12.15 - 13.45

Lunch

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DAY 3: 28 APRIL | ERTMS PROJECTS
RETURN OF EXPERIENCE

SESSION 5: FEEDBACK FROM THE
ERTMS PROJECTS | PART 2

MODERATOR:
KLAUS MINDEL | UNISIG

13.45 - 14.00	ERTMS on the Spanish commuter network and regional lines Jaime Pereira ADIF and Jose Antonio Quintano CAF
14.00 - 14.15	Suppliers view on implementation of ATO and ETCS L3 Ralf Kaminsky Siemens
14.15 - 14.20	Feedback from Workshop 4: Implementing ATO over ERTMS early feedback from implementation Lea Paties EU-Rail
14.20 - 14.35	Level crossing optimization with the help of ETCS Jens Moller BDK and Christian Löffler Thales
14.35 - 14.50	Harmonisation of operational concepts Michael Leining Nextrail and Danilo Iovino Hitachi
14.50 - 14.55	Feedback from Workshop 10: ETCS trackside engineering rules and their effect in operations Georgios Kouparousos ERA
14.55 - 15.10	Questions and Answers
15.10 - 15.20	Conclusions
15.20 - 15.50	Coffee break

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DAY 3: 28 APRIL | ERTMS PROJECTS
RETURN OF EXPERIENCE

SESSION 6:
WINDOW OF OPPORTUNITY

MODERATOR:
JOSEF DOPPELBAUER | ERA

15.50 - 17.10

ERTMS2022 - Lessons learned

Sector expectations on the way forward

Flemming Jensen | CEO DSB

Jean-François Beaudoin | President Digital & Integrated Systems of ALSTOM

Antonella Trombetta | Director European Affairs Hitachi Rail

Keir Fitch | DG MOVE

17.10 - 17.30

Closing remarks

17.30

End of Conference