

AFB20(2) Roadside Safety Design Subcommittee on International Research Activities - European Meeting

Thursday October 18, 2018

Laboratório Nacional de Engenharia Civil (LNEC)

Lisbon, Portugal

FINAL AGENDA

Registration 8:30 AM – 9:00 AM

9:00 AM – 9:20 AM OPENING

- 1. Welcome and introduction to TRB AFB20(2) & Joint TRB/ERF Workshops**
Mike Dreznes & Francesca La Torre
- 2. Roadside safety in Portugal**
Joao Cardoso and Carlos Roque (LNEC)

9:20 AM – 10:35 AM SESSION 1

European Standards Applicable to Roadside Safety (EN 1317 and EN 12767),

- 3. 9:20 – 9:35 Everything You Thought You Knew about EN 1317 But Quite Possibly Don't!**
Martin Page, Deltabloc (FRANCE)
- 4. 9:35 – 9:50 Change of the European Vehicle Fleet and its Effects on VRS**
Ceki Erkinbas, TRL (UNITED KINGDOM)
- 5. 9:50 – 10:05 Vehicle Restraint Systems: Identification, Classification & Evaluation**
Christian Stefan, AIT (AUSTRIA)
- 6. 10:05 – 10:20 Passive Safety of Support Structures for Road Equipment - Standard EN 12767
Evolution : Comparison between 2007 and 2017 Versions**
Jean Bloch, Transpolis (FRANCE)
- 7. 10:20 – 10:35 Ongoing French Government Testing Procedures for Temporary Rumble
Strips**
Tim Cox, Cox Transportation Safety (USA)

Coffee Break 10:35 AM – 11:00 AM

11:00 AM – 12:15 AM SESSION 2

In-Service Performance Evaluation & Road Safety Inspection

- 8. 11:00 – 11:15 Monitoring and Maintenance of Roadside Safety Features. Two New
Initiatives: Tuscany Regional Center for Road Safety & Skillful Project Training in the Job**
Francesca LaTorre, University of Florence (ITALY)
- 9. 11:15 – 11:30 Roadside Hazards Revealed by Road Safety Inspections**
Stelios Efstathiadis, Transportation Solutions (GREECE)
- 10. 11:30 – 11:45 Terminal Assessments in Ireland – The Story So Far**
Eoin Doyle, Arup (IRELAND)

11. 11:45 – 12:00 The Effects of Time and Operating Conditions on the Durability and Functionality of Road Safety Equipment - Selected Issues of Research Project LifeRoSEI

Kazimierz Jamroz, Gdansk University of Technology (POLAND)

12. 12:00-12:15 Review of Crashworthy End Terminals According to EN1317 & MASH Testing Criteria

Stefano Caterino, SMA Road Safety (ITALY)

Lunch Break 12:15 PM – 1:15 PM

1:15 PM – 2:30 PM SESSION 3

Developments/Implementation of Road Safety Solutions (Part 1)

13. 1:15 – 1:30 Roads Concessioned to Ascendi with Problematic Designs - Road Safety Improvements

Telma Silva, Ascendi (PORTUGAL)

14. 1:30 – 1:45 Big Safety Measures on Eastern European Roads

Zsombor Vajda, Road Safety Consultant (ROMANIA)

15. 1:45 – 2:00 Flexible Overhead Gantry Combined With Concrete Safety Barrier

Redlberger Mathias, REBLOC (AUSTRIA)

16. 2:100 – 2:15 Sensitive Analysis to Incorporate Safety Concerns into Pavement Management

Rita Justo-Silvaa, University of Coimbra (PORTUGAL)

17. 2:15 – 2:30 Importance of Crashworthy Terminals: Case Studies from Work Zones in Maryland

Stella O, Igbinedion, Montgomery County Department of Transportation (USA)

Coffee Break 2:30 PM – 3:00 PM

3:00 PM – 3:45 PM SESSION 4

Developments/Implementation of Road Safety Solutions (Part 2)

18. 3:00 – 3:15 Bridge Rail Retrofit Developments

William Williams, Texas A&M Transportation Institute (USA)

19. 3:15 – 3:30 Pedestrian Crosswalk Safety in School Zones

Sarah Rodrigues, Ennis Flint (UK)

20. 3:30 – 3:45 Importance of Simulation to Develop Roadside Safety Solutions

Stella O, Igbinedion, Montgomery County Department of Transportation (USA)

21. 3:45 – 4:00 Research Into the Validity of Clear Zone Distances Using Hazard-Based Duration Modeling

Carlos Roque, Laboratório Nacional de Engenharia Civil (LNEC) (PORTUGAL)

4:00 PM - 4:30 PM SUMMARY DISCUSSION

4:30 PM DISMISSAL

4:30 PM – 6:30 PM COCKTAIL RECEPTION HOSTED BY ASCENDI