

**2014 European Workshop**  
**AFB20 (2) Roadside Safety Design**  
**International Research Activities Subcommittee**  
**9:00 AM –6:00 PM Wednesday, November 5, 2014**  
**Co-Chairmen: Michael Dreznes and Christophe Nicodème**

CEN-CENELEC Management Centre  
Avenue Marnix 17  
B-1000 Brussels  
Room: Newton A+B

**AGENDA**

9:00 am **Opening Remarks** – Christophe Nicodème (ERF) and Michael Dreznes (IRF)

**Focus Topic Presentations**

**SESSION I: EN 1317 Framework – Implementation and Application Issues**

**Moderator:** Gavin Williams (TRL)

1. *Functioning on the System of Notified Bodies Under the hEN 1317-5: Proposals for Improving its integrity*  
Richard Whiting (MIRA) and Konstandinos Diamandouros (ERF)
2. *Revision of the hEN1317-5 –Modifications of the EU Harmonised Standard – Technical Improvements*  
Claudia Cofano (Arcelor Mittal) and Franz Muller (Road Safety Consultant)
3. *The Future of Road Restraint Systems: Evaluation through European Standards – Developments, Use of Standards and CE Marking*  
Martin Page (LIER)
4. *Better 900kg car FEA for Better Vehicle Restraint System Behaviour*  
Jeffery Himpe and Joseph Marra (GDTech)
5. *Simple Multi-Body System Models of Bolted Connections to Consider all Relevant Non-Linearities of Failure Mechanisms*  
Detlef Neuenhaus (Mephisto Dynamics)
6. *Functional limits of the W-beam safety barrier*  
Göran Fredriksson (Swedish Safety Barrier Association) and Hans G Holmén,  
Swedish Transport Administration

10:30 am BREAK

**SESSION II: Innovation for Road side Safety**

**Moderator:** Franz Muller (Road Safety Consultant)

7. *SAVERS (Selection of Appropriate Vehicle Restraint Systems) Project*  
Francesca La Torre (University of Florence) and Gavin Williams (TRL)
8. *Roadsense, Prevention of Involuntary Lane Departure by Road Audio-Tactile Alert*  
Pierre Anelli (Aximum)
9. *Roadside Trees as a Road Safety Hazard in Poland*  
Kazimierz Jamroz (Gdansk University of Technology)
10. *The Old and New Performance Lifetime of In-Situ Concrete Barriers*  
Thomas Edl (DELTA BLOC)
11. *Predicting Road Accidents – a Transferable Methodology across Europe*  
Francesca La Torre (University of Florence) and George Yannis (National Technical University of Athens)

- 12. *New Approaches for the Design of Road Infrastructures: Durability and Sustainability***  
Chiara Marozzi and Anne-Laure Hettinger (AC&CS – CRM Group)
- 13. *Design and Development of Crashworthy Terminals According to the Draft EN 1317-7***  
Luigi Grassia (University of Naples)
- 14. *Run-off Accidents Against road Culvert Ends: A standards based approach to evaluate protective systems***  
Aquilino Molinero (CIDRO)
- 15. *A French Standard for Transitions***  
Clement Goubel (LIER)

13:30 pm LUNCH

**SESSION II: Innovation for Road side Safety**

**Moderator:** Angel Martinez (Mieres Tubos) – TBC

- 16. *Effectiveness of Roadside Safety Measures***  
George Yannis (National Technical University of Athens)
- 17. *Eliminating Longitudinal Barriers Thru the Use of Cut Slopes to make Roadsides Safer***  
Eleonora Cesolini (ANAS)
- 18. *Road Safety in South-Eastern European Regions – Safe Road Infrastructure***  
Jure Kostanjsek (Automobile and Motorcycle Association of Slovenia)
- 19. *From Descriptive Methods to Predictive Analyses into Roadway Safety Management Processes***  
Andrea Marella (Trafficlab)
- 20. *Evaluating the Safety Contribution of Safety Barriers***  
Victoria Gitelman and Shalom Hakkert (Ran Naor Road Safety Research Centre)

4:00 pm BREAK

**SESSION III: Vulnerable Road Users and Road Safety Furniture / Work zone safety**

**Moderator:** Ali Atahan (Technical University of Istanbul)

- 21. *Appropriate Speed Saves all People – Speed Management in Work Zones***  
Francesca La Torre, (University of Florence)
- 22. *Towards a Constructive Vision of the Performance of Safety Equipment Used in TEN-T Road work Zones***  
John Kreps (SIGNEQ)
- 23. *How to Improve road Infrastructure for Powered Two Wheeler Use***  
Aline Delhaye (FEMA)
- 24. *The Development of a European Technical Specification for a TMA***  
Gavin Willams (TRL)
- 25. *Development of a Safety Zone in Front of a TMA***  
Armand Rouffaert (Stuer-Egghe)

**OTHER TOPICS OF INTEREST**

- 26. *Building a testing and simulation center dedicated for transportation safety at a Global scale in accordance with the UN's Decade of Action in Turkey***  
Ali Atahan (Mustafa Kemal University) and Murat BÜYÜK (Turkish Standards Institute)

6:00 pm FINAL COMMENTS AND ADJOURNMENT