



**Grigore HAVARNEANU**

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### **Biography:**

*Grigore Havarneanu is a Transport Psychologist with international experience as researcher and lecturer. He has a PhD from the University La Sapienza of Rome and worked in the academia for several years. He is currently Research Advisor at the International Union of Railways in Paris, where he is involved in European research projects and H2020 project proposals. He coordinates the PROACTIVE EU security project and is actively involved in the SAFER-LC research project. He conducts applied psychology and human factors research to improve the safety, security and resilience of land transport. As project manager or dissemination leader, he is promoting the research results to diverse audiences through peer-reviewed publications, end-user workshops and practice-oriented presentations.*

### **Title of presentation:**

**SAFER-LC Toolbox: A decision-support tool to increase safety at level crossings**

### **Summary:**

*This presentation gives an overview of the SAFER-LC toolbox – a tool which is currently under development as part of the SAFER-LC EU research project (Safer level crossing by integrating and optimizing road-rail infrastructure management and design).*

*The SAFER-LC toolbox is a free online tool designed to provide road and rail infrastructure managers as well as railway undertakings with a wide list of safety measures which can be implemented to improve level crossing safety. It equally provides recommendations, implementation examples, study results and other practical details concerning the available measures.*

*Most safety solutions which are included in this toolbox cover human factor low-cost measures. Safety measures are classified according to various keywords which enable end-users identify the optimal solution for a specific level crossing type or road user behaviour. The SAFER-LC toolbox is a good example of practical and exploitable outcomes of EU-funded research projects.*