



Sustainable Surface Transport
SIXTH FRAMEWORK PROGRAMME



rankers
ranking for european road safety

RANKING FOR EUROPEAN ROAD SAFETY
SPECIFIC TARGETED RESEARCH OR INNOVATION PROJECT

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Table of contents

REVISION CHART AND HISTORY LOG	I
TABLE OF CONTENTS	II
1. INTRODUCTION	1
2. WORKSHOP AGENDA	2
3. WORKSHOP PRESENTATIONS	3

1. Introduction

This report presents a brief summary of the 2nd RANKERS Workshop, that was held on November 9th 2007 in Rome within the International Conference of Road Safety & Simulation 2007. This event brought the opportunity to disseminate the final results of the project to the most recognised experts on road infrastructure safety and human factors.

The main objective of the RANKERS workshop within this conference was to present to the scientific community the main aspects and results of the project, having also the opportunity to gather opinions from experienced experts that could be taken into consideration into the final reports of the project.

Approximately more than 80 people attended this workshop, where the following topics of the projects were presented:

- The Road Safety Index.
- The Catalogue of Recommendations.
- The Human Factor experiments methodology and results.
- The Infrastructure field tests on road infrastructure design characteristics influence on road safety.

The programme of the RSS2007 was extremely attractive for the scientific community as it can be seen in Figure 1.

Wedn. 7 th	Aula Magna		Aula 8	
14.00-15.00	Registrations			
15.00-16.00	Welcome	University Authorities	Main conference sponsor	
	Opening Session	The Rector of the University of Roma Tre Mr. Guido Fabiani will introduce Italian Minister for Transport: Mr. Alessandro Bianchi (Italy) Deputy Minister of Transport: Mr. Abdullah Al-Hogail (Saudi Arabia) Chairman Comm. on Transport EU Parliament: Mr. Paolo Costa (European Union) Subsecretary of Transport Buenos Aires: Mr. Gustavo Alberto Alvarez (Argentina) Autostrade per l'Italia Administrator: Mr. Giovanni Castellucci (Italy)		
	Cocktail			
16.40-17.00	1 st Keynote Speaker	Road safety – Mr. Carlo Benedetto		
17.00-17.20	2 nd Keynote Speaker	Human factors – Mr. Fridtjof Saeborg		
17.20-17.40	3 rd Keynote Speaker	Driving simulation – Mr. R. Wade Allen		
	Follows			
Thursd. 8 th	9.00-10.30	Plenary Session Driving simulation: strategic tool for the safe road design Chairman - Mr. Michael Mancore TRB - Chairman of TRB Comm. visualization in transportation (USA)		
	Coffee	Poster Session opened		
	11.00-13.30	Session A Driving Simulation: basic concepts Chairman - Mr. Stéphane Espié Unité de Rech. Modélisation et Simul. de conduite INRETS (France) Chairman - Mr. R. Wade Allen President and Executive Director Systems and Technologies STI (USA)	Session E Numerical simulation Chairman - Mr. Jarkko Niittymäki Director Infrastructure East Ramboll (Finland) Chairman - Mr. Vincenzo Tomieri Prof. of Transportation University of Naples (I)	
	Lunch			
	15.00-16.30	Session F Presentazione delle Linee Guida del Piano Generale della Mobilità Prof. Alessandro Bianchi - Ministro dei Trasporti 	Session B1 Driving simulation: drivers perspective Chairman - Ms. Lisa Dom Director of Driving Research Group, School of Eng. Cranfield Univ. (UK)	
	Coffee	Poster Session opened		
	Follows	Tavola Rotonda sulle Norme funzionali e geometriche per la costruzione delle strade 	Session B2 Driving simulation: drivers perspective Chairman - Mr. Fabio Ferruzzo Prof. of General Psychology University of Rome "La Sapienza" (Italy)	
	Friday 9 th	9.00-11.00	Session C1 Driving Simulation: road design Chairman - Mr. Maurizio Crispino Prof. of Roads and highways construction - Milan Polytechnic (Italy)	Session G1 in cooperation and with the support of 
	Coffee	Poster Session opened		
	11.30-13.30	Session C2 Driving simulation: road design Chairman - Mr. Yasser Hassan Professor - Carleton University (Canada) Chairman - Mr. J.J. Lu Professor - University of South Florida (USA)	Session G2 in cooperation and with the support of: 	
	Lunch			
	15.00-16.30	Session D Driving simulation: evaluation of operating speeds Chairman - Mr. Alfredo Garcia Garcia Professor - Polytechnic University of Valencia (Spain)	TRB Meeting in cooperation with: 	
		Poster Session opened		
	17.00-18.00	Closing Session Chairman - Mr. Zhongyi Guo Professor - Transportation Engineering School of Tongji University, Shanghai (China)		

Figure 1 RSS2007 Conference agenda

2. Workshop agenda

The workshop consisted on a set of presentations followed by enough time for discussion at the end of the session. Mr. Jarkko Valtonen (HUT) chaired the workshop.

- The Road Safety Index and the Catalogue of Recommendations: José Miguel Perandones (CIDAUT) presented both results of WP4, giving an overview of the

methodologies applied in order to comply with the objectives. He also gave preliminary examples of the possible applications of the RSI and the Catalogue.

- WP2 – Human Factor experiments: María Alonso (CIDAUT) focused her presentation on the two experiments carried out within the WP2 Human Factor Group. One of them consisted on the realisation of an experiment with an instrumented vehicle in order to test the influence of the radius of curvature on human behaviour. The other one was focused on the roads vertical signs, and the perception of the different drivers regardless the standards that define their content, location, size or colour. She also made emphasis on how the conclusions of both experiments could be taken into considerations for the RSI and the Catalogue.
- The eBook: Chiara Bresciani (UdB) gave a presentation of the final version of the eBook. Apart from giving practical examples on how to use this tool when analyzing road safety problems, she also focused on the methodology applied to develop prototypical accident scenarios.
- Field studies on infrastructure performance: Rob Thomson (Chalmers) provided attendees with an overview of the main results that the WP2 Infrastructure Group field test had produced. The relationship of different actuations on road infrastructure and the accident rate (water accumulation in curves, radius of curvature, speed cameras, superelevation modification ...) showed to be a great input also for the Catalogue of Recommendations produced in WP4.

3. Workshop presentations

All workshop presentations can be found both at RANKERS public web site (www.rankers-project.com) and the EC Road Infrastructure Safety projects (http://ec.europa.eu/transport/roadsafety/publications/projectfiles/rankers_en.htm). The proceedings of the workshop and the whole conference can also be found at the RSS2007 website (<http://www.rss2007.org/index-2.html>).