

International SIIV Workshop

Human Centered Infrastructure Design

Naples, October 1-2, 2009

Piazzale Vincenzo Tecchio, 80 Faculty of Engineering, University of Naples Federico II, Room S. Bobbio

October 1

8:30 AM - 11:00 AM

Welcome and Introductions

Guido Trombetti, University of Naples Federico II, Chancellor

Edoardo Cosenza, University of Naples Federico II, Faculty of Engineering Dean

Visual Impact Assessment for Highway Project

Renato Lamberti, Chairman, UniNa Transportation Engineering Department Director, SIIV President

Opening Lecture

Keith Robinson, CALTRANS, USA, TRB Landscape and Environmental Design Committee

Visual Impact Assessment Methodology for California Highways

11:00 AM - 11:30 AM, coffee break

11:30 AM - 1:30 PM

Giorgio Chiarello, Landscape Architect, Italy, TRB Landscape and Environmental Design Committee

European Visual Impact Assessment for Highway Project

Jon Bryan Burley, Michigan State University, USA, TRB Landscape and Environmental Design Committee

Inverse-Box Fractal Methods to Reconstruct Natural Landscapes with Transportation Applications

1:30 PM - 2:30 PM, Lunch

Infrastructure and Network Design

2:30 PM - 4:00 PM

Micheal T. Long, Chairman, Oregon DOT, USA, TRB Low Volume Roads Committee Chair

Opening Lecture

Basil Psarianos, National Technical University of Athens, Greece

Self Explaining Roads

4:00 AM - 4:30 PM, coffee break

4:30 PM - 5:30 PM

Mario Virano, TAV, Italy *Environmental Highway Design*

Ennio Cascetta, University of Naples Federico II, Regional Minister for Transport

A new role for regional Metro system in the 21st century: the case of Campania

October 2

Driving Simulators in the Infrastructure Design

8:30 AM - 10:30 AM

Andrew Parkes, Chairman, TRL, Transport Research Laboratory, UK

Opening Lecture

Richard Van der Horst, TNO Human factors, The Netherlands

Driving Simulator research on safe Highway design and operation

10:30 AM - 11:00 AM, coffee break

11:00 AM - 1:00 PM

Rosa Blanco Lorenzo, CTAG, Centro Tecnológico de Automoción de Galicia, Spain

The CTAG's Driving Simulator

Vincenzo Torrieri, TEST, Technology, Environment, Safety, Transport, Italy

The VERA Driving Simulator

1:00 PM - 2:00 PM, Lunch

Safety Criteria in Highway Design

2:00 PM - 4:15 PM

Bhagwant Persaud, Chairman, Ryerson University, Canada

Opening Lecture

Gerald Wilde, Department of Psychology Queen's University Kingston, Ontario, Canada

Roadside aesthetic appeal, driver behaviour and safety

Frank Saccomanno, University of Waterloo, Canada

System Dynamics Application to Road Crashes

4:15 AM - 4:45 PM, coffee break

4:45 PM - 6:00 PM

Summary

Renato Lamberti, UniNa Transportation Engineering Department Director, SIIV President

Antonio Pentangelo, Province of Naples, Assessor for Transport

Pietro Ciucci, ANAS President

Altero Matteoli, Italian Minister for Infrastructures and Transports



Società Italiana Infrastrutture Viarie