

## Workshop Lindholmen Gothenburg 17-18 January 2012

### *Tuesday 17 January*

12.00 Lunch at Lindholmen Conference Centre

13.00 **Opening**

Opening words from the ViP Chairman  
*Per-Olof Boström, Chairman of Board*

Introduction to the workshop  
*Lena Nilsson, ViP Director*

ViP stage 2 – action plan  
*Lena Nilsson, ViP Director*

Pre-study: Driving simulators and visualisation as means in futurological studies  
*Lena Nilsson, ViP Director*

14.00 **Session 1: New project ideas – incl. Coffee/Tea 14.30 to 15.00**

*Chair: Stefan Edlund, Volvo 3P*

Development of a valid lead vehicle reaction scenario *Trent Victor, VTEC*

Calibration of simulator and naturalistic scenarios *Trent Victor, VTEC*

Driving under low driver load *Staffan Davidsson, VCC*

Design of road marking symbols in the roadway *Sven-Olof Lundkvist, VTI*

SimArch 2 *Martin Fischer, VTI*

Vehicle models and the coupling to hardware *Jonas Jansson, VTI*

Interchangeable Graphics Engine – IGE *Carl Johan Andhill, Dynagraph*

Multi-modality in simulators *Selina Mårdh, VTI*

Comparison of tests/secondary tasks?

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16.30 Refreshments/fruit

16.45 **Session 2: Project presentations**

*Chair: Calle Isakson, HiQ*

POVW - Principle Other Vehicle Warning  
*Jonas Jansson, VTI*

DB2 - Driver and system controlled heavy vehicle steering  
*Niklas Fröjd, Volvo 3P*

18.00 Free time

20.00 Dinner at “Babar & Restaurang”, Kungsportsavenyn 29

## **Wednesday 18 January**

- 8.30      **Session 2 continued: Project presentations**  
*Chair: Anne Bolling, VTI*
- SleepEYE2 - Sleep detection eye tracker  
*Anna Anund, VTI*
- 2TB - Secondary task workload Test Bench  
*Lena Nilsson, ViP Director; m fl*
- MeMoS - Methods to improve and evaluate Motion Sensation in driving simulators  
*Martin Fischer, VTI*
- 10.00      *Coffee/Tea*
- 10.30      **Session 2 continued: Project presentations**  
*Chair: Anne Bolling, VTI*
- SPASS – Strengthen Performance Active Safety Simulator  
*Martin Fischer, VTI & Ola Benderius, Chalmers*
- Common simulator software  
*Björn Blissing, VTI*
- 11.15      **Session 3: Project manager's role in ViP**  
*Lena Nilsson, ViP Director*
- 12.00      *Lunch at Lindholmen Conference Centre*
- 13.00      **Session 4: External links and demo introduction**  
*Chair: Lena Nilsson, ViP Director*
- The Safer project SHADES  
*Jonny Vinter, SP*
- ASTA Zero  
*Jan Jacobson, SP*
- Test Site Sweden  
*Peter Öhman, TSS*
- DeDT - Driving environment Design Tool – introduction to demo  
*Carl Johan Andhill, Dynagraph/Andreas Hagemann, HiQ*
- Sound generator for a driving simulator – introduction to demo  
*Anders Genell, VTI*
- 14.30      *Coffee/Tea*
- 15.00      **Demonstration of DeDT and Sound generator projects in simulators at VTI**  
*Martin F & Anders G VTI, Carl Johan A Dynagraph, Andreas H HiQ*
- 16.00      End of workshop