



SAFER & SVEA invite to the seminar

Vehicle Dynamics Challenges

May 15, 2013, at Lindholmen Science Park, Lindholmospiren 5, Göteborg.

Agenda

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| 09:30 | Coffee |
| 10:00 | What is vehicle dynamics? Bengt Jacobson, Chalmers Vehicle dynamics challenges for heavy vehicles Stefan Edlund, Volvo GTT Vehicle dynamics challenges for passenger vehicles Stefan Karlsson, Volvo Cars Swedish resources for vehicle verification and validation Leif Axelsson, TSS |
| 11:30 | Lunch |
| 13:00 | Manoeuvring of long truck combinations Peter Nilsson, Volvo GTT & Chalmers Active steering in heavy vehicles Malte Rothhämel, Scania & KTH Post Impact Stability Control Derong Yang, Chalmers Fault tolerant generic vehicle control Johannes Edrén & Daniel Wanner, KTH |
| 14:20 | Coffee |
| 14:50 | Performance testing, with and without the driver Fredrik Bruzelius, VTI Brake-performance and -stability for bicycles Gunnar Olsson, LeanNova Discussion and summary |
| 16:00 | End of seminar |



Purpose with the seminar

- Present and discuss interesting issues within and challenges for vehicle dynamics
- Develop and increase competence
- Create understanding and interest for vehicle dynamics
- Networking between Engineers and Organisations

The seminar is initiated by SVEA and the Vehicle Dynamics Competence Area at SAFER with representatives from:

Chalmers, KTH, VTI, LeanNova Engineering AB, Scania, Volvo Cars and Volvo GTT

SVEA's aims

- To make vehicular technology's voice heard in an increasingly more challenging debate among different vehicle types and transport modes both domestically and globally.
- To build a network for efficient distribution of technological information
- To attract the next generation of Swedish vehicular engineers

Registration and fee for seminar

The fee includes seminar, coffee (am and pm) and lunch.

If paid before April 1: 600 SEK (400 SEK for member in SVEA or SAFER)
after April 1: 700 SEK (500 SEK for member in SVEA or SAFER).

Last day for payment and registration: May 1, 2013.

Bankgiro 5681-1490

Please, also send a registration by e-mail, before May 1, to:

Jeanne Söderberg, SVEA, info@sveafordon.com

Member fee in SVEA is 150 SEK/year

Web: www.chalmers.se/safer