

Technical Exhibition

Manufacturers, developers and suppliers of vehicles, systems, components and software are invited to present their offers related to simulator systems within the complementary exhibition to deepen contacts to the delegates and students.

The technical exhibition is offered in direct proximity to the conference area, where all coffee breaks and lunches will be arranged.

I'm interested in the technical exhibition, please send me more information

Proceedings:

The delegates will receive one copy of the proceedings upon their registration at the conference venue.

Conference fee:

The conference fee includes the technical sessions, visit of the complementary exhibition, proceedings, coffee breaks, lunch and social event at the evening.

Further information:

Information about the symposium and CarSim[®] Seminars and User Conference at www.gzvb.de

Detailed information about the CarSim[®] Seminars and User Conference and social events at www.carsim.com

Please notice that there might be changes concerning the program and the times of the visit to the Autostadt.

Conference language:

The conference language of the Symposium (21.09.05) is German. There will be no simultaneous translation

The conference language of the CarSim[®] Seminars and User Conference is English. There will be no simultaneous translation.

If a delegate registration is cancelled after 21 August 2005 no conference fee will be refunded, but the appointment of another delegate is possible.

FAX-Reply: +49 531 3 54 06-74

Andreas Redeker, phone: +49 531 3 54 06-73
Gesamtzentrum für Verkehr Braunschweig e.V.
Hermann-Blenk-Straße 23, D-38108 Braunschweig

1st Motion Simulator Conference 2005 und CarSim[®] Seminars and User Conference

Name: _____

First Name: _____

Title _____

Company: _____

Address: _____

Phone: _____

Fax: _____

Email: _____

I like to register for the Motion Simulator Conference:

- Delegate 240,- Euro
- University/Public Authorities 210,- EUR
- Member of GZVB / ZVB 195,- EUR
- Student (without proceeding) free

In the social event on 21 September 2005

- I will participate I won't participate

I like to register for the User Conference:

- CarSim[®] Seminars and User Conference free (if pre-registered)

In the social event on 22 September 2005

- I will participate I won't participate

In the visit to the Autostadt for user conference attendees on 23 September 2005

- I'm interested I'm not interested

Place, Date _____ Signature: _____

1st

Motion Simulator Conference 2005 and CarSim[®] Seminars and User Conference

21 – 22 September 2005



Deutsches Zentrum für Luft- und Raumfahrt e.V.
Institut für Verkehrsführung und Fahrzeugsteuerung
Lilienthalplatz 7
D-38108 Braunschweig

Program



1st Motion Simulator Conference 2005

Wednesday, 21 September 2005

09:00 Registration

10:00 Address of Welcome
B. Kaufmann (simtec GmbH)

Keynote

Head of Session: B. Kaufmann (simtec GmbH)

10:15 State of the art in motion simulation
Dr. A. Kemeny (Renault)

Fahrsimulation in der Anwendung

Head of Session: B. Kaufmann (simtec GmbH)

10:45 Der Fahrsimulator als Herausforderung für
Entwickler und Anwender
Prof. Dr. H.-P. Krüger, A. Neukum
(Universität Würzburg)

11:15 Fahrsimulation - Ein Werkzeug zur
Überprüfung der ergonomischen
Gestaltung?
Dr. R. Kaiser, Dr. A. Huesmann (BMW AG)

11:45 Anwendungsorientierte Entwicklung eines
Fahrsimulators – von der Konzeption bis
zum Versuchseinsatz
Prof. B. Heißing, H.-J. Negele, C. Theimert,
H. Mohra (TU München)

12:15 Mittagsimbiss

Bewegungssimulation im Luftverkehr

Head of Session: Prof. K. Lemmer (DLR-FS)

13:15 Bewegungssysteme in der Flugsimulation
J. Krüger (Luftfahrt-Bundesamt)

13:45 Realer, simulierter oder fehlender
Bewegungseindruck – einige Erkenntnisse
aus der In-Flight-Simulation
M. Bauschat (DLR)

14:15 Kaffeepause

Bewegungssimulation im Straßenverkehr

Head of Session: Dr. M. Kiss (Volkswagen AG)

14:45 Fahrdynamiksimulationen und Fahrsimulatoren –
Potenziale und Grenzen anspruchsvoller
Entwicklungswerkzeuge
Dr. D. Ammon (DaimlerChrysler AG)

15:15 Bewegungssimulation für die Entwicklung und
Bewertung von Fahrerassistenzsystemen
Dr. R. Suikat, M. Brünger-Koch (DLR)
B. Kaufmann (simtec GmbH)

15:45 Ein neuartiges Bewegungssystem für
"on" und "of road" Fahrsimulation
Dr. W. Tomaske, B. Lach, T. Fortmüller,
Prof. Dr. M. Meywerk (Helmut Schmidt Universität)

16:15 Kaffeepause

Neue Konzepte der Bewegungssimulation

Head of Session: W. Käding (DaimlerChrysler AG)

16:45 The Robocoaster as Simulation Platform
– Experiences from the "First Authentic
Mars Flight Simulation"
J. Heindl (DLR) et al.

17:15 Driving curves in Desdemona
Dr. M. Wentink, Dr. W. Bles (TNO)

17:45 Fahrsimulation – Der Traum nahe an die Realität zu
kommen
Dr. M. Lienkamp (Volkswagen AG)

18:30 Reception at the DLR

CarSim® Seminars and User Conference

Thursday, 22 September 2005

07:30 Registration and Exhibits

CUSTOMER Presentations:

08:30 Welcome, Key Features in CarSim 6
Dr. Mike Sayers (Mechanical Simulation Corp.)

09:00 European OEM
speaker to be announced

09:30 European Tier 1 Supplier
speaker to be announced

10:00 Use of CARSIM in interactive driving simulators
Markus Stöbe (DLR), Andreas Schmidt (Simtec GmbH)

10:30 Short Coffee Morning Break and Exhibits

PARTNER presentations:

11:00 "Cost effective HIL development and rapid
prototyping"
Brett Downen (add2)

11:20 "FuelCell test stand with CarSim Hardware-in-
the-Loop (HIL) Simulation"
Dr. Hubert Maencher (MAGNUM GmbH)

11:40 "Simulation tools to extend CarSim in
vehicle development applications"
Andrea Argondizza (AMET Srl)

12:00 "Laptime Optimization using WAVE and
iSIGHT with CarSim"
Ricardo Ltd. and Dr. Mike Sheh
(Engineous Software)

12:30 "Remarks about CarSim usage in the
Japanese Market"
Hisao Shibakawa, Eji Takita (VMC)

13:00 Lunch and Exhibits

CUSTOMER presentations:

13:45 Welcome, "Key features in TruckSim 6"
Dr. Tom Gillespie (Mechanical Simulation Corp.)

14:15 Simulation of dynamic tire temperature
and adjustment of thermal related tire mo-
del characteristics in closed loop practice"
Bernhard Schick, Lars Netsch (TÜV Süd)

14:45 Speaker to be announced

15:15 "Vehicle Simulation within the Develop-
ment of Global Chassis Control"
Sascha Semmler, Peter Lauer (Continental Teves)

15:45 Afternoon Break and Exhibits

RESEARCH presentations

16:15 "Motorcycle Simulation and BikeSim"
Prof. Robin Sharp (Imperial College)

16:45 Simulation of a complete motion
simulator with CarSim
Prof. Kramer (FH Bielefeld)

17:00 Developing driver assistance systems
using CarSim as reference model
Thorsten Brandt (L-Lab, Fh Paderborn)

17:20 Future plans for CarSim
Dr. Mike Sayers (Mechanical Simulation Corp.)

18:00 Reception and Exhibits at Simtec GmbH

Friday, 23 September 2005

9:00 Bus transfer from hotels to VW Autostadt
Wolfsburg

10:00 Visit VW Autostadt – Wolfsburg
Optional: Tour VW Plant

15:00 Bus transfer from VW Autostadt Wolfsburg
to hotels