AGENDA TUESDAY, APRIL 4, 2006

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10:00 **Welcome**
Prof. Dr. Bernd Heißing,
Technische Universität München, Lehrstuhl für Fahrzeugtechnik

10:15 **Opening Lecture I** **1**
Driver assistance – more than an electronic passenger?
Prof. Dr. Jürgen Leohold, Volkswagen AG, Wolfsburg

10:45 **Opening Lecture II**
Flight control systems for pilot assistance: what can we learn from aviation? **2**
Prof. Dr. Robert Luckner, Technische Universität Berlin,
Insitute for Aeronautics & Astronautics

MOTIVATION – BENEFIT

CHAIR: PROF. DR. RAYMOND FREYMANN,
BMW FORSCHUNG UND TECHNIK GMBH, MUNICH

11:15 **The safety effect of ESP in real accidents –reflections on the economic benefits of predictive driver assistance systems** **3**
Prof. Dr. Peter M. Knoll, Robert Bosch GmbH, Leonberg;
Prof. Dr. Klaus Langwieder, German Traffic Safety Council (DVR), Bonn

11:45 **Coffee break**

12:15 **Serious accidents with motorcycles – analysis of the structure of accidents and the effectiveness of ABS** **4**
Dr. Johann Gwehenberger, Dr. Jörg Kubitzki, Allianz Zentrum für Technik, Ismaning;
Isabell Schwaben, Fachhochschule München;
Dr. Alexander Sporner, Europäisches Motorrad Institut, Munich

12:45 **Analysis of traffic accidents utilising DAS potential evaluation, exemplified by the driver Assistance System Lane Departure Warning** **5**
Ulrich Hörauf, Audi Accident Research Unit
(AARU); Klinikum der Universität Regensburg;
Boris Buschardt, Eckart Donner, Birgit Graab, Thomas Winkle, AUDI AG, Ingolstadt

13:15 **Lunch break**

14:15 **Potential effect of Adaptive Cruise Control and Lane Guard System in heavy commercial vehicles** **6**
Walter Schwertberger, MAN Nutzfahrzeuge AG, Munich;
Dr. Johann Gwehenberger, Dieter Daschner, Allianz Zentrum für Technik, Ismaning

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PARALLEL SESSION I

DEVELOPMENT, VALIDATION, MARKET INTRODUCTION
CHAIR: DR. PETER F. TROPSCHUH, AUDI AG, INGOLSTADT

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PARALLEL SESSION II

DRIVER ACCEPTANCE:
HUMAN – MACHINE – INTERACTION AND ERGONOMICS
CHAIR: PROF. DR. HANS-JOACHIM WÜNSCHE,
UNIVERSITÄT DER BUNDESWEHR MÜNCHEN

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INFRASTRUCTURE AND PERCEPTION OF DRIVING ENVIRONMENT
CHAIR: PROF. DR. GEORG FÄRBER,
TECHNISCHE UNIVERSITÄT MÜNCHEN, LEHRSTUHL FÜR REALZEIT-COMPUTERSYSTEME (RCS)

FEATURES AND SYSTEMS
CHAIR: PROF. DR. BERND HEIßING,
TECHNISCHE UNIVERSITÄT MÜNCHEN, LEHRSTUHL FÜR FAHRZEUGTECHNIK

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