**PEGASUS Symposium**

**HOW SAFE IS SAFE ENOUGH?**

9th November 2017
Aachen, Germany

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Login: PEGASUS_2017
Password: liqifo

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**SHUTTLE BUS**

### Aachen ↔ Venue

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### Venue ↔ Evening Reception

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### Evening Reception ↔ Aachen

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ABOUT THE EVENT

HOW SAFE IS SAFE ENOUGH? HOW CAN WE PROVE THAT THE AUTOMATION IS GOOD ENOUGH?

17 scientific and industry partners are working in the joint research project PEGASUS to answer these questions, define a new state of the art for the test and release of highly-automated driving functions and demonstrate the procedure hands-on using a sample application – autonomous Autobahn-driving.

With the PEGASUS Symposium, an international platform was created which allows an open exchange for effective and uniform testing as well as for securing highly-automated vehicles.

The PEGASUS Symposium is accompanied by an exhibition which provides insights into the work of PEGASUS and presents the major results of the first half of the project.

AGENDA

Thursday, 9th November 2017

08:30  REGISTRATION

09:00  WELCOME
        Karsten Lemmer (DLR)
        Lutz Eckstein (fka)

09:15  KEYNOTES
        Chair: Karsten Lemmer (DLR)

09:15  Setting a strategy for automated and connected driving
        Matthias Machnig (Federal Ministry for Economic Affairs and Energy)

09:45  Challenges and measures on the way to autonomous driving
        Joachim Damasky (VDA)

10:15  Automated driving features from the driver’s / user’s perspective
        Reinhard Kolke (ADAC)

10:45  Development and Evaluation of Automated Driving in the U.S.
        John Maddox (American Center for Mobility)

11:15  GENERAL INTRODUCTION TO PEGASUS OPENING OF THE PARALLEL EXHIBITION
        Thomas Form (Volkswagen)

12:00  LUNCH & EXHIBITION

13:00  AUTOMATED DRIVING INITIATIVES AND PROJECTS
        Chair: Hermann Winner (TU Darmstadt)

13:00  Overview of Autonomous Vehicle French National Program
        Jean-François Sencerin (Renault)

13:30  Comprehensive modular verification and validation framework for automated systems - ENABLE-S3
        Andrea Leitner (AVL)

14:00  Naturalistic Driving Studies in the U.S. and their Potential for Automated Driving
        Tom Dingus (VTTI)

14:30  Connected and Automated Driving Project in Japan “SIP-adus”
        Takahiko Uchimura (SIP-adus)

15:00  COFFEE BREAK

15:30  PEGASUS KEY ACTIVITIES
        Chair: Thomas Form (Volkswagen)

15:30  Scenario analysis and quality measures
        Daniel Lipinski (Volkswagen)

15:50  Perspectives on Automated Driving, Development Processes and Beyond
        Ulrich Eberle (Opel Automobile)

16:10  Testing of L3 systems - stepping through the current PEGASUS approach
        Helmut Schittenhelm (Daimler)

16:30  PANEL DISCUSSION
        Moderator: Lutz Eckstein (fka)

18:30  EVENING RECEPTION & DINNER SPEECH
        Dieter Moormann (RWTH Aachen)

Programm committee:

Prof. Dr. Karsten Lemmer (DLR)
Prof. Dr. Thomas Form (Volkswagen)
Prof. Dr. Lutz Eckstein (fka)
Alexander Kraus (TÜV SÜD Automotive)
Prof. Dr. Hermann Winner (TU Darmstadt)