



German–Japanese Symposium on Driver Assistance Systems and Autonomous Driving: Perspectives from German and Japanese Industry and Academia

Automation will bring radical changes to important aspects of driving and promises fewer accidents and lower emissions. Today, driver assistance systems are already helping drivers to reach their destination in a safer and more efficient manner. Comprising a number of complex elements such as vehicle-mounted sensor systems, information processing systems and control systems, driver assistance systems are continuously increasing in sophistication and performance as efforts toward the realization of autonomous driving proceed.

Collaboration between Germany and Japan in the field of autonomous driving is steadily expanding and was further encouraged by the German Chancellor Angela Merkel and the Japanese Prime Minister Shinzo Abe in March 2017.

The joint symposium of the German Research and Innovation Forum Tokyo (DWIH Tokyo) and the Consortium of co-creation for drone society, Keio Research Institute at SFC focusses on the progress made by Germany and Japan in the advancement of driver assistance systems as a key to autonomous driving. It provides a platform for German and Japanese established and young researchers as well as other experts to meet and exchange views on cutting-edge technology as well as the current state of R&D.

Topics of the symposium will include:

- Driver assistance systems for personal vehicles
- Partial, high and full automation
- Human–Machine–Interaction / Simulation
- Strategies for the implementation of automated



Date: **Wednesday, 15 November 2017**
10:30 – 16:45 (Symposium)
17:00 – 19:00 (Reception)

Venue: Keio University, Mita Campus, North Hall

Organizer: German Research and Innovation Forum Tokyo
Consortium of co-creation for drone society
Keio Research Institute at SFC

Cooperation: German Aerospace Center
German Chamber of Commerce and Industry in Japan

Languages: Simultaneous translation Japanese / English

Registration: For further information and registration please visit:
www.dwih-tokyo.jp

Contact: German Research and Innovation Forum Tokyo
Tel: +81 (0)3-5276-8820
Email: info@dwih-tokyo.jp

Information



Programme

10:30 – 11:00

Opening Remarks

Prof. Dr. Margret Wintermantel

President, German Academic Exchange Service (DAAD)

Prof. Dr. Jiro Kokuryo

Vice-President for International Collaboration, Information Infrastructure, and Shonan-Fujisawa Campus (SFC)

11:00 – 11:40

Session 1: Strategies to Advance Autonomous Driving

"Automated Driving in Germany - A Brief Overview"

Dr. Stefan Mengel

Director, Division "Electronics; Autonomous Electric Driving", German Federal Ministry for Education and Research (BMBF)

"Japanese Strategies for Autonomous Driving: Beyond 2020"

Prof. Dr. Tomoyuki Furutani

Professor, Faculty of Policy Management, Keio University

11:40 – 12:30

Break

12:30 – 14:00

Session 2: Perspectives from Academia

"Risk-limited Introduction of Automated Driving"

Prof. Dr. Hermann Winner

Director, Institute of Automotive Engineering, Technical University of Darmstadt

"Test of Automated and Connected Vehicles - Essential Research Areas"

Prof. Dr. Frank Köster

Institute of Transportation Systems, German Aerospace Center (DLR)

"Overview of Public Road Experiment of Autonomous Vehicle and Issues"

Prof. Dr. Naoki Suganuma

Associate Professor, Unit Leader, Autonomous Vehicle Research Unit, Future Society Creation Research Core,

Institute for Frontier Science Initiative, Kanazawa University

14:00 – 14:30

Coffee Break

14:30 – 16:30

Session 3: Perspectives from Industry

"Seamless Driving"

Tatsuya Minami

Senior Manager, Head of Program Management in Japan and Korea Business Unit, Advanced Driver Assistance Systems, Continental Automotive Corporation

"The Next Step on the Way to Automated and Accident-Free Driving"

Hiroshi Matsumoto

Manager, Technical Compliance, Technical Service, Mercedes-Benz Japan Co., Ltd.

"Automated Driving - Current Development Stage, our Target and Future Outlook"

Sunao Hano

General Manager, Chassis System Control Division, System Development Department, System Expert Leader, Automobile Architecture, Bosch Corporation

"Challenge for New Mobility Service Using Autonomous Drive"

Atsushi Yamashita

Senior Manager, Automotive Business Unit, DeNA Co., Ltd.

16:30 – 16:45

Closing Remarks

Prof. Dr. Tomoyuki Furutani

Professor, Faculty of Policy Management, Keio University

17:00 – 19:00

Reception

Programme

*Some changes may occur



Federal Foreign Office



Federal Ministry
of Education
and Research