

Symposium

4th Dialogue for Global Innovation on Technology and Humanity – Social and Ethical Aspects of autonomous systems, like passenger vehicles and operation robots

Date: Wednesday October 12, 2016

Venue: ams at UPS near Graz

Day 1 Program

8:30 – 9:00 Registration

9:00 – 9:10 Opening Address

Mag. Michael Otter, Deputy Head of Department, Außenwirtschaft Austria

Keynote Speech

9:10 – 10:05 Innovations in the relationship between Technology and Humanity in the area of Autonomous Driving

Sir Dr. Hermann Hauser, Amadeus Capital, Cambridge, UK

10:05 – 10:15 Break

Efforts in Developing Innovation in Technology and Humanity in Japan and Europe

10:15 – 10:50 Model Based Development “Machine-centered or Human-centered?”

Yasuhiro Harada, General Manager, Integrated Control System Development Division, Matsuda

10:50 – 11:25 The power of participation in urban development

Harald Moser, Ars Electronica

11:25 – 11:35 Break

Innovative Approach for Autonomous Driving

11:35 – 12:00 Volvo Group & Volvo Cars – Automation Challenges-

Dr. Hans Persson, VP, Technology Study and Innovation, Advanced Technology and Research

12:00 – 12:25 Big Data and Cloud approach for Autonomous Driving

Dr. Lenardi Massimiliano, Hitachi. Ltd

12:30 – 13:30 Lunch

Case Studies of Technology and Humanity

13:30 – 13:50 Non-Contact 3D Measurement including X-ray for firmly supporting environmental adaptability technology

Mr. Masao Nakajima, Nikon

13:50 – 14:20 Synthesis of real and in-silico spaces in Medicine

Prof. Yoshikazu Nakajima, University of Tokyo

Prof. Ichiro Kanaya, Nagasaki University

14:20 – 14:40 Basic Technologies and impact on drivers' behavior

Wolfgang Felber, Fraunhofer Institute(ISS)

14:40 – 15:00 How advanced Sensors allow for ethical Decision-Making of Robots and Robot-Vehicles

Dr. Thomas Müller, ams

15:00 – 15:20 Break

Technology and Humanity Perspective

15:20 – 15:40 Introduction of Waseda Global Entrepreneur - Intrapreneur program

Prof. Asahi, Waseda University

15:40 – 16:00 Humanity in the Ever-Increasing Virtual World

Dr. Yutaka Kuwahara, ams

16:00 – 16:10 Break

Panel Discussion

16:10 – 17:30 “Social Issue & Protection of Driver”

“Increasing Importance of Humanity in technology society”

17:30 – 17:45 Closing Remark

Thomas Riener, ams AG

18:00 - ams Fab Tour

19:00 - Dinner Reception