

AGENDA

SWEDISH-GERMAN SYMPOSIUM 2023

10

Wednesday
May 2023

11

Thursday
May 2023

1:30 PM **COME TOGETHER**

2:00 PM **WELCOME**

Prof. Dr. Stefan Herzig (TH Köln, President)

2:15 PM **HOW MECHATRONICS CO LEARNING SPACES ARE PROMOTING SUSTAINABILITY OF ENGINEERING KNOWLEDGE**

Prof. Dr. Margot Ruschitzka (TH Köln)

2:45 PM **ROBUSTNESS ANALYSIS AND HIL-TESTS OF STEERING SYSTEMS**

Hermann Briese (DMecS)

3:15 PM **BREAK**

4:00 PM **RENEWABLE ELECTRICITY GENERATION AND ENERGY STORAGE**

Dr. Karin Thomas (Uppsala University)

4:30 PM **VIRTUAL TESTING IN THE DEVELOPMENT PROCESS OF HIGHLY AUTOMATED MOBILITY SYSTEMS**

Dr. Christian Schyr (AVL)

5:00 PM **END OF SESSION**

5:00 PM **DINNER (OPTIONAL)**

10:00 AM **WELCOME**

Prof. Dr. Markus Pütz (TH Köln, Dean)

10:15 AM **DIGITAL TRANSFORMATION OF VEHICLE FEATURE TESTING THROUGH THE INTEGRATION OF CI/CD AND FUNCTIONAL PROTOTYPING**

Dr. Bernhard Behr (AVL)

10:45 AM **CHARGING ELECTRIC VEHICLES TODAY AND IN THE FUTURE**

Dr. Cecilia Boström (Uppsala University)

11:15 AM **BREAK**

12:00 PM **THE VIRTUAL CITY - HOW ARCHITECTURE MODELS CAN SUSTAINABLY ACCELERATE THE DEVELOPMENT OF HIGHLY AUTOMATED VEHICLES**

Florian Klein (HHVision)

12:30 PM **INTEGRATED SENSING COMMUNICATION**

Prof. Dr. Subhrakanti Dey (Uppsala University)

1:00 PM **REFRESHMENTS AND NETWORKING**