



Wednesday, May 6th 2015, Technisches Museum, Festsaal, Vienna

Vector Congress Vienna

Agenda and Information

„Festsaal“

9:00

Welcome speech

Uwe Gerlinger, Vector Austria GmbH

9:15

1 | Current Trends in Software Technology and Development

Dr. Christof Ebert, Vector Consulting GmbH

10:15



Coffee break

10:45

2 | Influence of new technologies on Calibration & Data management

David Pessl, Vector Austria GmbH

- > Automotive industry trends
- > Impacts on development methodologies
- > Measurement and Calibration in 5 years
- > Calibration solutions for the future

11:15

3 | MICROSAR–Vector AUTOSAR Solution

Andrei Ninu, Vector Austria GmbH

- > Why AUTOSAR
- > How AUTOSAR
- > Summary

11:45

4 | Development of Racecar electronics using Canoe and Matlab Interface

Sebastian Klotz, Joanneum Racing Graz

- > Introduction to Formula Student and Joanneum racing
- > Decreasing development time by using restbus simulation
- > MiL and HiL tests using Matlab Interface

12:15- 13:30



Lunch



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13:30

5 | Automated Testing of the Network Management of Engine ECUs with vTESTstudio

Thomas Franz, Robert Bosch, Vienna

- > Introduction: Network Management and Partial Networking (AUTOSAR)
- > Testing in Varying Network Structures
- > Test Setup
- > Focus of the Automated Testing
- > Test Automation with vTESTstudio and CANoe
- > Test Case Examples
- > Outlook: Future Requirements from Bosch View

14:00

6 | In-vehicle security: Bridging between academic research and industry requirements

Prof. Bogdan Groza, University Polytechnics Timisoara (UPT)

- > Automotive embedded systems research at UPT
- > Automotive security, experiences with industry requirements and academic research
- > Cryptographic security for the CAN & CAN-FD: survey over current approaches

14:30

7 | Vector and WIT- Nurturing Tomorrow's Automotive Software Engineers

Brendan Jackman, University of Waterford, Ireland

- > Automotive Systems Research at WIT
- > Automotive Industry Collaborations
- > Vector student projects
- > Undergraduate training with Vector tools

15:00

 Coffee break

15:30

8 | Vector VT System-Comprehensive ECU Tests with Fault Simulation

Mihai Suta, Vector Austria GmbH

- > What is VT System and how you may benefit by using it
- > Integrated all-in-one hardware interface for ECU I/O
- > Fully integrated in CANoe
- > Scalable test solution: from compact off-the-shelf I/O box to component HIL racks



16:00

9 | Vehicle Simulation Model Based ECU Test With CANoe

Oliver Philipp, TESIS DYNyware

- > Introduction
- > Model-based ECU testing
- > Coupling DYNA4-CANoe
- > Example: LDW test rig
- > Summary and Outlook

16:30

10 | Creating intelligence for adjustable furniture

Christian Prattes, LOGICDATA

- > Who is LOGICDATA?
- > Locations and Capabilities
- > Our products
- > R&D
- > LOGICdrive

17:30

Get together

18:00

Guided Museum Tours

19:00

End of event

Exhibition

09:00- 18:00

Exhibitor

- > TESIS DYNAware
- > University of Waterford, Ireland (WIT) will display their latest developments
- > TU Graz will show case the achievements of their racing team
- > Joanneum Racing Graz



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More Information

Registration

www.vector-austria.com/VAK15

Participation in Vector Congress and refreshments are free-of-charge to you.

Event site

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Parking

Underground parking nearby Technisches Museum Wien and Hotel Park Royal Palace.
Please show your park ticket at the reception of Technisches Museum, the rate for our guests 1,60€/h.