

Vector at University of Oviedo

Tuesday, November 12th, 2019 | University of Oviedo | Campus Gijón

Agenda

09:30 1 Welcome & Vector Group Overview (Benjamin Kühnel)

- > Welcome & introduction of presenters
- > Vector company presentation

10:00 2 Automotive Megatrends – Drivers for new solutions (Benjamin Kühnel)


This keynote addresses and summarizes some pioneering trends within the automotive industry and gives the listener up-to-date insights into the development activities at Vector.

10:30 3 Unstoppable: Ethernet (Uwe Kimmerle)

Despite the usage in IT networks, Ethernet has been successfully introduced for automotive and industrial diagnostics, flashing and camera systems. Now, Ethernet is started to be used the automotive applications as the network backbone due to its flexibility and scalability. Via Ethernet, the driver experiences new driving functions and the vehicle itself is on its way towards being part of the Internet of Things (IOT).

In this presentation you will get information about:

- > Where Ethernet is used in vehicle and industry applications and which benefits it offers
- > How Ethernet-based communication is structured and how it differs from already established bus systems


11:30  Coffee Break

12:00 4 Vector's Testing Solution for optimal networking (Uwe Kimmerle)

Vector's testing tools can be used for different kind of applications within the industries of: Automotive, aeronautics and aerospace, IoT, railways, medicine and more.

In this presentation you will:

- > Get an overview about the whole Vector Testing Solution
- > Experience the different tools for Software testing, unit testing, system testing and more
- > See the framework for different test setups (HiL, MiL, SiL)
- > Understand how authoring- and management tools complete the Testing Solution

13:15  Lunch Break

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14:30 5 CANoe Workshop (Uwe Kimmerle)

This workshop is intended for students of the University of Oviedo. In live demonstrations and hand-on exercises, the students can experience and practice the usage of CANoe.

Prerequisites for students:

Basic knowledge in CAN networks, laptop/computer, CANoe license

17:30 Q & A and official End of the Event