



# Agenda VectorAcademy

## INTRODUCTION TO CANoe/CANALYZER.MOST

<b>Duration:</b>	2 Days
<b>Target Group:</b>	Users of CANoe/CANalyzer.MOST
<b>Prerequisites:</b>	MOST fundamentals, programming fundamentals
<b>Goal:</b>	Use of CANoe for analysis, simulation and Tests of MOST Devices and MOST rings

### 1 | MOTIVATION FOR CANoe/CANALYZER.MOST | 1.5 H

- ▶ Concept of CANoe/CANalyzer
- ▶ Interfaces for CANoe/CANalyzer

### 2 | FIRST STEPS IN CANoe/CANALYZER.MOST | 2.0 H

- ▶ Configuration of CANoe and MOST interface s
- ▶ Creation and administration of configurations

### 3 | ANALYSIS WITH CANoe/CANALYZER.MOST | 2.0 H

- ▶ Common and special analysis features for MOST
- ▶ Filterblocks for MOST applications
- ▶ Data logging and offline analysis

### 4 | SIMULATION WITH CANoe/CANALYZER.MOST | 1.5 H

- ▶ Interactive Generator Block
- ▶ Replay Block for repetition of logged communication

### 5 | MOTIVATION FOR CAPL PROGRAMMING WITH MOST | 0.5 H

- ▶ Areas of application in analysis and simulation
- ▶ Usage of CAPL for testmodules
- ▶ Properties of the CAPL programming language



# Agenda VectorAcademy

## 6 | INTRODUCTION TO THE PROGRAMMING LANGUAGE CAPL | 1.5 H

- ▶ CAPL Browser as Integrated Development Environment
- ▶ Concept of event procedures
- ▶ Usage of CAPL functions for MOST
- ▶ Access to MOST functioncatalog

## 7 | CAPL (CANoe) FOR FUNCTION BLOCKS AND MOST DEVICES | 2.5 H

- ▶ Simulation of a MOST function block
- ▶ Reception of data via MOST high protocol and MOST ethernet
- ▶ Usage of CANoe application socket to simulate MOST devices

## 8 | CAPL (CANoe) FOR TEST FEATURE SET IN MOST | 2.5 H

- ▶ Configuration of CANoe to test MOST function blocks
- ▶ Programming a CAPL testmodule
- ▶ Configuration of a XML testmodule