



# Agenda VectorAcademy

## INTRODUCTION TO CANOE MODELS FOR FLEXRAY

<b>Duration:</b>	1 Day
<b>Target Group:</b>	Users of CANoe for FlexRay
<b>Prerequisites:</b>	FlexRay fundamentals, knowledge about CANoe for FlexRay
<b>Goal:</b>	Knowledge about modeling and simulation in CANoe.FlexRay and CAPL for FlexRay.

### 1 | INTRODUCTION | 0.5 H

- ▶ CANoe in the development process
- ▶ Signal server concept and FlexRay scheduler
- ▶ OEM specific packages for FlexRay

### 2 | MODELING AND SIMULATION IN CANOE.FLEXRAY | 2.5 H

- ▶ Creation of a configuration for modeling and simulation
- ▶ System panel, node/network panels and signal generators
- ▶ Panels and signal oriented CAPL

### 3 | CREATION OF PANELS | 0.5 H

- ▶ Introduction to the Panel Designer
- ▶ Creation of panels
- ▶ Implementing of panels in CANoe.FlexRay

### 4 | INTRODUCTION TO CAPL | 0.5 H

- ▶ Introduction to the CAPL browser
- ▶ Network node and program node
- ▶ Variables, operators, conditions and loops

### 5 | CAPL FOR FLEXRAY | 3.0 H

- ▶ Event procedures for FlexRay
- ▶ Frame object and PDU object
- ▶ Functions for FlexRay