



Agenda VectorAcademy

EXTENDED FUNCTIONALITIES OF CANoe.LIN

Duration:	1 Day
Target Group:	LIN Users
Prerequisites:	LIN Fundamentals, CANoe/CANalyzer.LIN
Goal:	Rest of bus simulation, stressing and analysing with CAPL programs, LIN Slave Conformance Tester

1 | INTRODUCTION TO THE PROGRAMMING LANGUAGE CAPL | 1.0 H

- ▶ System and LIN specific procedures
- ▶ Elementary event procedures
- ▶ Data types, typical CAPL key words
- ▶ Exercises

2 | LIN CLUSTER SIMULATION WITH CAPL | 3.5 H

- ▶ Simulation of slave tasks
- ▶ Simulation of a master task, scheduling of Unconditional, Diagnostic, Event Triggered und Sporadic Frames
- ▶ Network management
- ▶ Exercises

3 | LIN STRESS FEATURE SET | 1.0 H

- ▶ Simulation of errors, manipulation of the bandwidth, simulating short circuits
- ▶ Exercises

4 | LIN ANALYSIS FEATURE SET | 0.8 H

- ▶ Analysis functions supplementing analysis windows of CANoe
- ▶ Exercises

5 | TESTING WITH LIN | 1.2 H

- ▶ LIN Slave Conformance Tester and Test Feature Set in CANoe