

# J1939 Workshop

Agenda VectorAcademy

**Duration:** 1 Day

## 1. Introduction to the J1939 Protocol

- > J1939 Protocol Overview
- > J1939 Physical Layers
- > J1939 Data Link Layer
- > J1939 PGs, PGNs and SPNs
- > J1939 Transport Layer
- > J1939 Names and Addresses
- > J1939 Diagnostics Overview

## 2. Analysis features of J1939

- > CANdb J1939
- > CANalyzer/CANoe J1939 Extensions
- > J1939 Scanner
- > J1939 Node Filter
- > J1939 CAPL Extensions
- > J1939 DTC Monitor
- > J1939 Diagnostic Memory Access

## 3. Introduction to CAPL in CANalyzer pro

- > Motivation
- > Introduction
- > First steps in CAPL
- > CAPL syntax
- > Evaluating messages
- > System Variables
- > Panels
- > Sending messages