REAL-TIME WORKSHOP

Advanced Modeling, Simulation and Code Generation of Power Electronic Systems
Plexim GmbH, 22. April 2027

08:30	Introduction to PLECS Coder for Embedded Targets ▶I Embedded code generation motivation ▶I Code generation workflow ▶I Control task execution and timing ▶I Multitasking
09:30	Break
10:00	Tutorial 1: Workflow ▶I Blinking an LED ▶I Generate PWM output signals ▶I Use the external mode and parameter inlining
12:00	Lunch
13:00	Tutorial 2: Timing Configuration and Real-Time Setup ▶I Control task execution and timing ▶I Code generation workflow ▶I Real-Time Example
15:00	Overview and Introduction to the PLECS RT Box ▶I Hardware-in-the-Loop (HIL) ▶I Rapid control prototyping (RCP) ▶I Demonstration of a real-time simulation
16:00	End of workshop
Contact	Plexim GmbH, +41 44 533 51 00, info@plexim.com
Location	Plexim GmbH, 3rd Floor, Zeppelin Wing, Technoparkstrasse 1, 8005 Zurich, Switzerland
Note	This workshop addresses to anyone who already has experience with the simulation software PLECS.

Plexim GmbH
Technoparkstr. 1
CH-8005 Zurich

+41 44 533 51 00
info@plexim.com
www.plexim.com

plexim
electrical engineering software