PLECS ONLINE COURSE

Modeling and Simulation of Power Electronic Systems
Warsaw University of Technology and PEL/IES Joint Chapter, December 1, 2020

12:00	**Registration of Participants**
12:05	**Introduction to PLECS** ▶︎ Basics of PLECS, modeling and simulation at system level ▶︎ Instantaneous switching ▶︎ Variable and fixed-step operation **Demo**: Modeling a buck converter (tips & tricks PLECS user interface)
12:45	**Break**
13:00- 14:00	**Solver Settings** ▶︎ Solver types ▶︎ Accuracy considerations, step size control **Demo**: RLC circuit **Introduction to Thermal Modeling & Simulation** ▶︎ Switching & conduction loss descriptions ▶︎ Combined electrical-thermal simulation
	Exercises: Individual Working Time Tutorials are available at: https://www.plexim.com/support/tutorials ▶︎ Tutorial "PLECS: Modeling a switched mode power supply" ▶︎ Tutorial "PLECS: Solver accuracy and settings"
Contact	Plexim GmbH, +41 44 533 51 00, info@plexim.com
Access	**GoTo Meeting** Join using this link: https://global.gotomeeting.com/join/320213773 **Note:** This session is live, so please take the opportunity to ask questions to our engineers in the chat window. We try our best to answer all questions during the sessions.

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