

PLECS ONLINE LECTURE

Modeling and Simulation of Power Electronic Systems
University, Date

08:00	Registration of Participants
08:15	Introduction to PLECS <ul style="list-style-type: none">▶ 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)
08:45	Break
09:00	Solver Settings <ul style="list-style-type: none">▶ Solver types▶ Accuracy considerations, step size control Demo: RLC circuit Introduction to Thermal Modeling & Simulation <ul style="list-style-type: none">▶ Switching & conduction loss descriptions▶ Combined electrical-thermal simulation
10:00-12:00	Exercises: Individual Working Time <p>Tutorials are available at: https://www.plexim.com/support/tutorials</p> <ul style="list-style-type: none">▶ Tutorial "PLECS: Modeling a switched mode power supply"▶ Organizers: Task reminder (summary and quick demo)▶ Tutorial "PLECS: Solver accuracy and settings"▶ Organizers: Task reminder (summary and quick demo)
Contact	Plexim GmbH, +41 44 533 51 00, info@plexim.com
Access	GoTo Webinar Join using this link: 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.