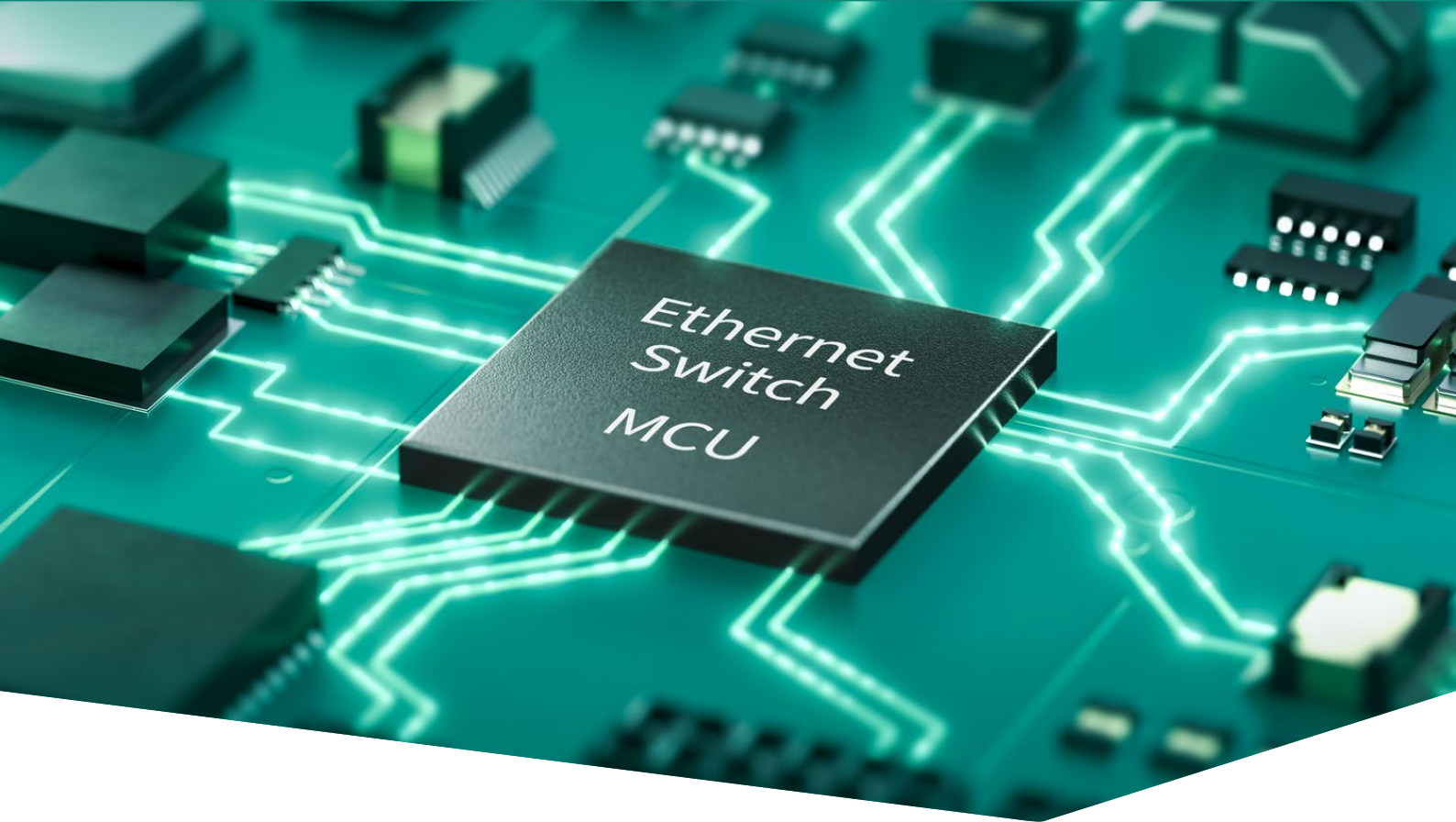




Basic and Power Electronics InfineonSpice Workshop

14 October 2026, 09:30 am - 04:00 pm CET

University of Sarajevo, Faculty of Electrical Engineering, Room 3-46

Topics:

- Introduction to Analog Circuit Simulation
- Hands-on Basic Electronics Lab with InfineonSpice
- Hands-on Power Electronics Lab with InfineonSpice

Step into the world of modern analog circuit simulators in Electronics and Power Electronics Applications.

Join us for two workshops to discover the role of modern analog circuit simulators in Electronics and Power Electronics lectures at Faculty of Electronic Engineering, University of Sarajevo.

Over the course of one day, you discover the practical significance of a circuit simulator in the ETF curriculum. You will set up and run the InfineonSpice simulator on representative analog circuits, interpret resulting waveforms and understand the underlying circuit behavior. The workshops are designed to complement theoretical knowledge with hands-on experience with industry-relevant simulation tools.

You are welcomed to bring your own laptop or use University computers. Also, you will have time to engage with mentors from academia and industry and get answers to any questions you might have.

Whether you are just getting started with circuit analysis or looking to deepen your understanding, these workshops offer a valuable opportunity to strengthen your practical skills in a supportive learning environment.

Agenda:

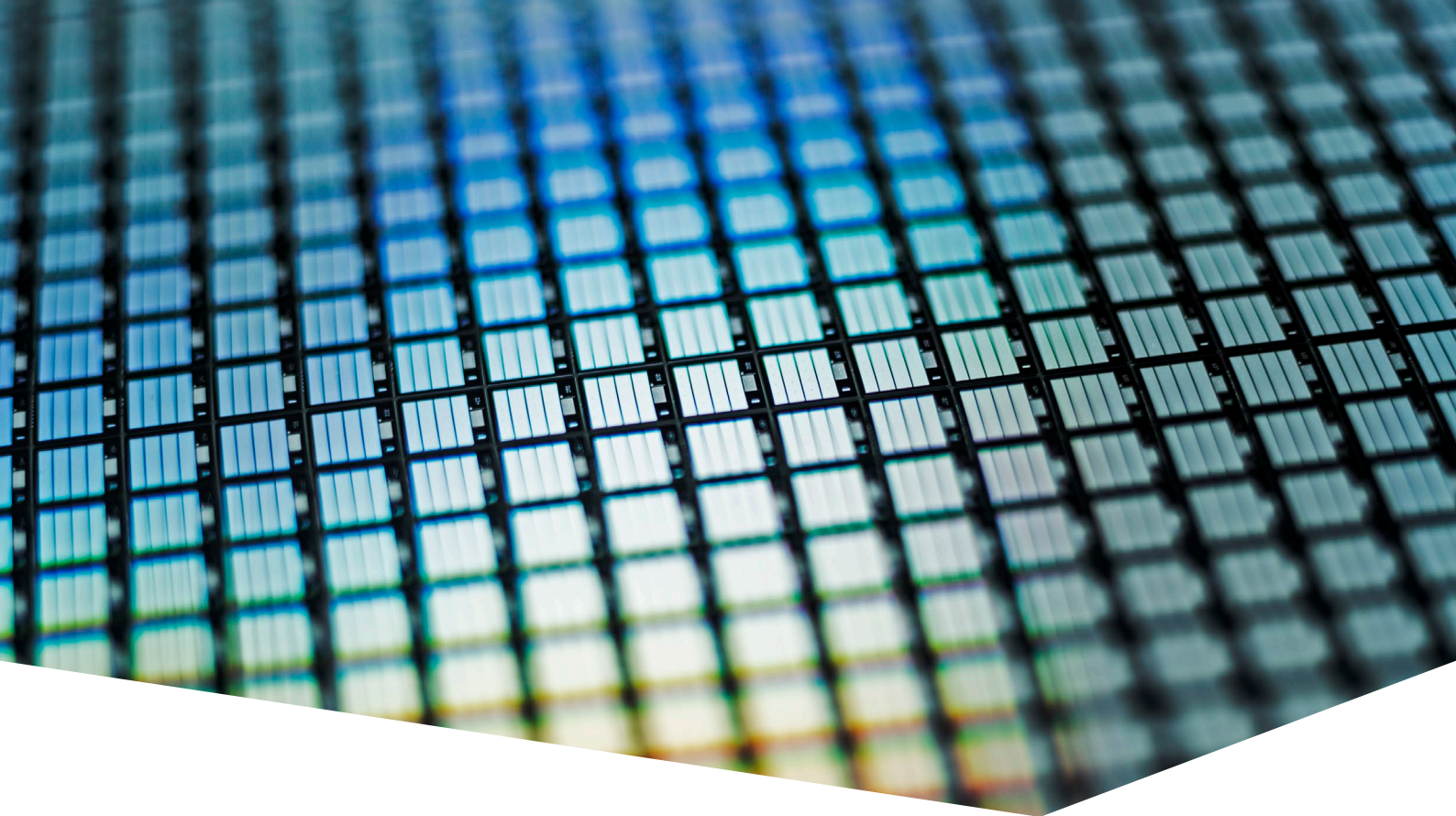
09:30 am - 12:00 pm	Basic Electronics Workshop with InfineonSpice
12:00 pm - 01:00 pm	Lunch
01:00 pm - 04:00 pm	Power Electronics Workshop with InfineonSpice

Lecturers: Dr. Emira Dautbegović, Dr. Christian Strohm, Lejla Ahmethodžić



IPCEI Microelectronics and
Communication Technologies





Get to know the speakers:



**Dr. Emira
Dautbegović**

is an analog circuit simulation expert, the Chief Product Owner of in-house

simulator TITAN / InfineonSpice and Senior Director Analog Verification at Infineon Technologies AG.

She joined Infineon in 2005, after obtaining PhD in Electronics Engineering at Dublin City University (Ireland) and Dipl.Ing. in Automation and Electronics Engineering at University of Sarajevo-ETF (BiH). Emira's professional interests include analog circuit simulation, RF analyses, electronic circuit design and verification, HPC software development, applied numerical mathematics, agile leadership and project management.



**Dr. Christian
Strohm**

combines an academic background in applied mathematics with

extensive industry experience gained at Infineon Technologies AG in Munich.

Initially focused on advancing the TITAN analog circuit simulator, he is now the Technical Lead for InfineonSpice — the GUI and desktop application ecosystem that enables system-level simulation on top of TITAN. Having built deep domain expertise through his years at Infineon, Christian now applies this knowledge beyond pure R&D, supporting marketing efforts, professional trainings, and strategic stakeholder engagements.



**Lejla
Ahmethodžić**

is a researcher and teaching staff member at the University of

Sarajevo, Faculty of Electrical Engineering, with experience in teaching basic electronics and power electronics.

Her research interests include power electronic converters, control systems, and DC microgrids. Her doctoral research focuses on robust distributed control of flexible DC microgrids and advanced control methods for DC-DC converters.

