



Advanced Analog Circuit Design

Live Course @ EPFL, Lausanne, Switzerland

AUGUST 28 - SEPTEMBER 1, 2023

MONDAY, August 28

08:30 - 10:00 am	Analog Building Blocks	Willy Sansen
10:30 - 12:00 am	Stability of Operational Amplifiers	Willy Sansen
01:30 - 03:00 pm	Power Optimization	Willy Sansen
03:30 - 05:00 pm	Fully-Differential Amplifiers	Willy Sansen

TUESDAY, August 29

08:30 - 10:00 am	Distortion in Elementary Transistor Circuits	Willy Sansen
10:30 - 12:00 am	Distortion Cancellation	Willy Sansen
01:30 - 05:00 pm	Continuous-Time Filters	Christian Enz

WEDNESDAY, August 30

08:30 - 12:00 am	CMOS Switched-Capacitor Circuit Design	Christian Enz
01:30 - 05:00 pm	Offset and 1/f Noise Reduction Techniques	Kofi Makinwa

THURSDAY, August 31

08:30 - 12:00 am	Non-Linearities in Analog and Mixed-Signal Circuits	Shanthi Pavan
01:30 - 05:00 pm	Time Assisted Analog Design	Pavan Hanumolu

FRIDAY, September 1

08:30 - 10:00 am	Practical Techniques of Frequency Compensation	Vadim Ivanov
10:30 - 12:00 am	Bandgap Voltage References	Vadim Ivanov
01:30 - 05:00 pm	Techniques for OpAmp Speed and Accuracy Improvement	Vadim Ivanov
