



Advanced Analog Circuit Design

Live Course @ EPFL, Lausanne, Switzerland

AUGUST 26-30, 2024

MONDAY, August 26

08:30 - 12:00 am	Analog Building Blocks	Kofi Makinwa
01:30 - 05:00 pm	Stability of Operational Amplifiers	Kofi Makinwa

TUESDAY, August 27

08:30 - 10:00 am	Noise	Kofi Makinwa
10:30 - 12:00 am	Offset and CMRR Limitations	Kofi Makinwa
01:30 - 05:00 pm	Offset and 1/f Noise Reduction Techniques	Kofi Makinwa

WEDNESDAY, August 28

08:30 - 12:00 am	CMOS Switched-Capacitor Circuit Design	Christian Enz
01:30 - 03:00 pm	Practical Techniques of Frequency Compensation	Vadim Ivanov
03:30 - 05:00 pm	Bandgap Voltage References	Vadim Ivanov

THURSDAY, August 29

08:30 - 12:00 am	Time Assisted Analog Design	Pavan Hanumolu
01:30 - 05:00 pm	Techniques for OpAmp Speed and Accuracy Improvement	Vadim Ivanov

FRIDAY, August 30

08:30 - 10:00 am	Gain Boosting & How to Judge OpAmp Settling Behaviour	Klaas Bult
10:30 - 12:00 am	Design Mistakes You'd Rather Not Talk About	Klaas Bult
01:30 - 05:00 pm	Continuous-Time Filters	Christian Enz