



## Advanced Analog Circuit Design

Live Course @ EPFL, Lausanne, Switzerland

**AUGUST 26-30, 2024**

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### MONDAY, August 26

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

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### TUESDAY, August 27

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08:30 - 10:00 am	Distortion in Elementary Transistor Circuits	Kofi Makinwa
10:30 - 12:00 am	Distortion Cancellation	Kofi Makinwa
01:30 - 05:00 pm	Offset and 1/f Noise Reduction Techniques	Kofi Makinwa

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### WEDNESDAY, August 28

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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

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### THURSDAY, August 29

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

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### FRIDAY, August 30

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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

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