



Low-Power Analog IC Design

EPFL, LAUSANNE, SWITZERLAND

JUNE 25-29, 2018

MONDAY, JUNE 25

8:30 - 12:00 am	MOS Transistor Modeling for Low-Voltage and Low-Power Circuit Design	Christian Enz
1:30 - 3:00 pm	Basic Low-Power, Low-Voltage Circuit Techniques	Willy Sansen
3:30 - 5:00 pm	Differential Amplifying Blocks with Positive Feedback	Willy Sansen

TUESDAY, JUNE 26

8:30 - 10:00 am	Noise Performance of Elementary Transistor Stages	Willy Sansen
10:30 - 12:00 am	Stability of Operational Amplifiers	Willy Sansen
1:30 - 3:00 pm	Systematic Design of Low-Power Operational Amplifiers	Willy Sansen
3:30 - 5:00 pm	Important Opamp Configurations	Willy Sansen

WEDNESDAY, JUNE 27

8:30 - 10:00 am	Fully-Differential Operational Amplifiers	Willy Sansen
10:30 - 12:00 am	Bandgap and Current Reference Circuits	Willy Sansen
1:30 - 3:00 pm	Distortion in Elementary Transistor Circuits	Willy Sansen
3:30 - 5:00 pm	Low-Power Continuous-Time Filters	Willy Sansen

THURSDAY, JUNE 28

8:30 - 12:00 am	Micropower ADCs	Kofi Makinwa
1:30 - 5:00 pm	Matching of MOS Transistors in Deep-Submicron	Marcel Pelgrom

FRIDAY, JUNE 29

8:30 - 10:00 am	Layout Considerations in Mixed-Signal Circuit Design	Marcel Pelgrom
10:30 - 12:00 am & 1:30 - 3:00 pm	Ultra-Low Voltage Analog Circuit Design	Christian Enz
