Remarque
August 31st to September 4th, 2020

Summary
This course is aimed at providing engineers with up-to-date information on important current issues of design in analog and mixed-mode integrated circuits. In general, the content of the lectures covers introduction, state-of-the-art in the specific field and practical case studies.

Content

Resources

Ressources en bibliothèque

- Analog-to-Digital Conversion / Pelgrom
- RF analog impairments modeling for communication systems simulation : application to OFDM-based transceivers / Smaini
- Methodology for the Digital Calibration of Analog Circuits & Systems / Kayal
- All-Digital Frequency Synthesizer in Deep-Submicron CMOS / Staszewski
- Analog Design Essentials / Sansen
- Structured Analog CMOS Design / Kayal
- Charge-Based MOS Transistor Modeling: The EKV Model for Low-Power and RF IC Design / Enz
- Understanding Delta-Sigma Data Converters / Pavan
- Understanding delta-sigma data converters / Schreier