IC design for robustness

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Cursus

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<th>Génie électrique</th>
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<td>Microsystèmes et microélectronique</td>
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Remarque

August 26 to 30, 2019

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

Note

* Organized by MEAD/EPFL
More informations & registration at:
http://mead.ch/MEADNEW/practical-aspects-of-mixed-signal-design/
Contact: education@mead.ch

Resources

Ressources en bibliothèque

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