



MEAD *Microelectronics, Inc.*

POWER MANAGEMENT

UC SANTA CRUZ, CALIFORNIA

MARCH 25-29, 2013

MONDAY, March 25

8:30 - 10:00 am	The Fundamental Basis and Analysis of Band-gap References	Barrie Gilbert
10:30 - 12:00am	Contemporary High-Accuracy Band-Gap Reference Design	Barrie Gilbert
2:00 - 5:15 pm	DC-DC Converters, Topologies & Control Techniques	Richard Redl

TUESDAY, March 26

8:30 - 10:00 am	Converter Modeling and Feedback Loop Design	Richard Redl
10:30 - 12:00 am	Microprocessor Power Supplies	Richard Redl
2:00 - 5:15 pm	Battery Charging Techniques & Circuits for Notebook Computers & Cellular Phones	Thomas Szepesi

WEDNESDAY, March 27

8:30 - 12:00 am	Fundamentals of Switched-Mode Power Supplies for Portable Applications	Dragan Maksimovic
2:00 - 3:30 pm	Control Techniques and their Integrated Circuit Implementation for Switched-Mode Converters in Portable Applications	Dragan Maksimovic
3:45 - 5:15 pm	Adaptive Power Management Techniques for Portable Applications	Dragan Maksimovic

THURSDAY, March 28

8:30 - 10:00 am	LED Drivers Design	Pavan Hanumolu
10:30 - 12:00 am	Digitally Controlled DC-DC Converters	Pavan Hanumolu
2:00 - 3:30 pm	Design of the LDO's with Instant Load Regulation and Unconditional Stability	Vadim Ivanov
3:45 - 5:15 pm	Circuit Techniques for Integrated Switching Regulators	Vadim Ivanov

FRIDAY, March 29

8:30 - 12:00 am & 1:00 - 2:30 pm	Switched-Capacitor Power Supplies	Jesper Steensgaard
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