



**MEAD** Education S.A.

## Power Management

**EPFL, LAUSANNE, SWITZERLAND**  
**AUGUST 25-29, 2014**

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### MONDAY, August 25

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8:30-12:00 am & 1:30-3:00 pm	DC-DC Converters, Topologies & Control Techniques	Richard Redl
3:30-5:00 pm	Converter Modeling and Feedback Loop Design	Richard Redl

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### TUESDAY, August 26

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8:30-10:00 am	Control Techniques and their IC Implementations for Switched-Mode Converters in Portable Applications	Eduard Alarcon
10:30-12:00 pm	Adaptive Power Management Techniques for Portable Applications	Eduard Alarcon
1:30-5:00 pm	Battery Charging Techniques & Circuits for Notebook Computers & Cellular Phones	Thomas Szepesi

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### WEDNESDAY, August 27

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8:30-12:00 am	DC-DC: From Discrete To Fully CMOS Integrated	Michiel Steyaert
1:30-5:00 pm	CMOS Linear Regulators & LP Photo Voltaic Harvester: Design and Case Studies	Maher Kayal

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### THURSDAY, August 28

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8:30-10:00 am	Digitally Controlled DC-DC Converters	Pavan Hanumolu
10:30-12:00 am	LED Drivers Design	Pavan Hanumolu
1:30-5:00 pm	The Design of Band-Gap References, Parts 1 & 2	Barrie Gilbert

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### FRIDAY, August 29

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8:30-10:00 am	Nanopower Design Techniques and Efficient Energy Harvesting	Vadim Ivanov
10:30-12:00 am	Design of LDO's with instant Load Regulation and Unconditional Stability	Vadim Ivanov
1:30-3:00 pm	Circuit Techniques for Integrated Switching Regulators	Vadim Ivanov

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