



MEAD Education S.A.

Power Management IC Design

The Hong Kong University of Science and Technology
January 12-14, 2012

THURSDAY, January 12

9:00 - 10:30 am	DC-DC Converters: Topologies	Michael Tse
11:00 - 12:30 am	DC-DC Converters: Control	Michael Tse
2:00 - 3:30 pm	DC-DC Converters: IC Design of Control Loop	Wing-Hung Ki
4:00 - 5:30 pm	DC-DC Converters: IC Design of Power Stage & Peripheral Circuits	Wing-Hung Ki

FRIDAY, January 13

9:00 - 10:30 am	Bandgap References: Fundamentals	Philip Mok
11:00 - 12:30 am	Bandgap References: Advanced Techniques	Philip Mok
2:00 - 3:30 pm	CMOS Low Dropout Regulators: Fundamentals	Philip Mok
4:00 - 5:30 pm	CMOS Low Dropout Regulators: Advanced Techniques	Philip Mok

SATURDAY, January 14

9:00 - 10:30 am	LDO's with Instant Load Regulation and Unconditional Stability	Vadim Ivanov
11:00 - 12:30 am	Circuit Techniques for Integrated Switching Regulators	Vadim Ivanov
2:00 - 3:30 pm	Switched-Capacitor Power Converters: Topologies and Efficiencies	Wing-Hung Ki
4:00 - 5:30 pm	Switched-Capacitor Power Converters: IC Design Techniques	Wing-Hung Ki
