



MEAD Education S.A.

Continuous-Time Delta-Sigma Design

EPFL, LAUSANNE-SWITZERLAND

JUNE 22-26, 2015

MONDAY, June 22

8:30 - 12:00 am	Delta Sigma Converter Basics - Parts A & B	Shanthi Pavan
1:30 - 5:00 pm	Delta Sigma Converter Basics - Parts C & D	Shanthi Pavan

TUESDAY, June 23

8:30 - 10:00 am	Delta Sigma Converter Basics - Part E	Shanthi Pavan
10:30 - 12:00 am	Introduction to the DS Toolbox	Richard Schreier
1:30 - 5:00 pm	High Level Design of CT-Delta Sigma Modulators	Shanthi Pavan

WEDNESDAY, June 24

8:30 - 10:00 am	Continuous-Time Design with the DS Toolbox	Richard Schreier
10:30 - 12:00 am	Non-Idealities in CTDSMs	Shanthi Pavan
1:30 - 3:00 pm	Design of Building Blocks for CTDSMs	Shanthi Pavan
3:30 - 5:00 pm	Systematic Design of a Practical CTDSM	Shanthi Pavan

THURSDAY, June 25

8:30 - 12:00 am & 1:30 - 3:00 pm	VCO-Based Delta-Sigma ADCs	Pavan Hanumolu
3:30 - 5:00 pm	Dynamic Element Matching	Shanthi Pavan

FRIDAY, June 26

8:30 - 10:00 am	Continuous-Time Bandpass ADCs	Richard Schreier
10:30 - 12:00 am	Quadrature and Polyphase CTDSMs	Richard Schreier
1:30 - 3:00 pm	High-speed DACs for Continuous-Time ADCs	Richard Schreier
