

## High-Performance Data Converters

UNIVERSITY OF SANTA CRUZ, CALIFORNIA  
March 25-29, 2019

---

### MONDAY, March 25

---

8:30 - 10:00 am	Overview of High-Speed Data Converters	Marcel Pelgrom
10:30 - 12:00 am	Fundamental Limitations	Marcel Pelgrom
1:30 - 5:00 pm	Flash ADCs	Marcel Pelgrom

---

### TUESDAY, March 26

---

8:30 - 10:00 am	Interleaved ADCs	Marcel Pelgrom
10:30 - 12:00 am & 1:30 - 3:00 pm	Mismatch-Shaping Multi-bit DACs	Ian Galton
3:30 - 5:00 pm	SAR ADCs	Klaas Bult

---

### WEDNESDAY, March 27

---

8:30 - 12:00 am	Comparison of ADCs Architectures	Klaas Bult
10:30 - 12:00 am	ADC Building Blocks	Klaas Bult
1:30 - 3:00 pm	Introduction to Pipeline ADCs	Ian Galton
3:30 - 5:00 pm	Pipeline ADCs with Digital Calibration	Ian Galton

---

### THURSDAY, March 28

---

8:30 - 12:00 am	Power Dissipation in ADCs	Klaas Bult
1:30 - 3:00 pm	VCO-Based Delta Sigma ADCs	Ian Galton
3:30 - 5:00 pm	DEM for Nyquist-Rate Current-Steering DACs	Ian Galton

---

### FRIDAY, March 29

---

8:30 - 12:00 am	High-Speed DACs	Klaas Bult
-----------------	-----------------	------------

---