

Smart Sensor Systems

TU DELFT, DELFT, THE NETHERLANDS

APRIL 11-15, 2016

MONDAY, April 11

09:30 - 11:00 am	Designing Smart Sensor Systems	Kofi Makinwa
11:15 - 12:30 am	Measurements and Calibration Techniques	Michiel Pertijs
1:30 - 3:00 pm	Analog-to-Digital Converters	Marcel Pelgrom
3:15- 4:45 pm	Universal Asynchronous Sensor Interfaces	Gerard Meijer
4:45 - 5:30 pm	Discussions with Lecturers + Drinks	

TUESDAY, April 12

9:00 - 10:30 am	Integrated Hall Magnetic Sensors	Pavel Kejik
10:45 - 12:15 am	Physical Chemnosensors	Michael Vellekoop
1:15 - 2:45 pm	Smart Inertial Sensors	Michael Kraft
3:00 - 4:30 pm	Multi-Electrode Capacitive Sensors	Gerard Meijer
4:30 - 5:15 pm	Discussions with Lecturers + Drinks	

WEDNESDAY, April 13

9:00 - 10:30 am	Dynamic Offset-Cancellation Techniques	Kofi Makinwa
10:45 - 12:15 am	Precision Instrumentation Amplifiers	Johan Huijsing
1:15 - 2:45 pm	Smart Temperature Sensors	Kofi Makinwa
3:00 - 5:00 pm	Lab Visit + Discussions with Lecturers	

THURSDAY, April 14

9:00 - 10:30 am	CMOS-Based DNA Microarrays	Roland Thewes
10:45 - 12:15 am	CMOS Image Sensors	Jan Bosiers
1:15 - 2:45 pm	Implantable Smart Sensors for Advanced Medical Devices	Tim Denison
3:00 - 5:00 pm	Hands-on Demos + Discussions with Lecturers	

FRIDAY, April 15

9:00 - 10:30 am	Smart Acoustic Sensors	Michiel Pertijs
10:30 - 12:00 am	Smart Optical Microsystems	R. Wolffenbuttel
12:00 - 12:30 am	Closing Session	
