

Smart Sensor Systems

TU DELFT, DELFT, THE NETHERLANDS

APRIL 13-17, 2015

MONDAY, April 13

10:30 - 12:00 am	Designing Smart Sensor Systems	Kofi Makinwa
1:15 - 2:30 pm	Measurements and Calibration Techniques	Michiel Pertijs
2:30 - 3:15 pm	Silicon Sensors: Applications and Future Perspectives	Paddy French
3:30 - 5:00 pm	Analog-to-Digital Converters	Marcel Pelgrom
5:00 - 5:45	Discussions with Lecturers + Drinks	

TUESDAY, April 14

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

WEDNESDAY, April 15

9:00 - 10:30 am	Dynamic Offset-Cancellation Techniques	Kofi Makinwa
10:45 - 12:15 am	Precision Instrumentation Amplifiers	Johan Huijsing
1:30 - 3:00 pm	Universal Asynchronous Sensor Interfaces	Gerard Meijer
3:15 - 5:00 pm	Hands-on Demos + Discussions with Lecturers	

THURSDAY, April 16

9:00 - 10:30 am	CMOS-Based DNA Microarrays	Roland Thewes
10:45 - 12:15 am	Smart Inertial Sensors	Michael Kraft
1:30 - 3:00 pm	Implantable Smart Sensors for Advanced Medical Devices	Gerard Meijer
3:15 - 5:00 pm	Hands-on Demos + Discussions with Lecturers	

FRIDAY, April 17

8:45 - 10:15 am	Smart Optical Microsystems	R. Wolffenbuttel
10:15 - 11:45	CMOS Image Sensors	Jan Bosiers
1:30 - 3:00 pm	Closing Session	
