



Sensors and CMOS Interface Electronics

ON-LINE CLASS by Microsoft TEAMS

May 9-20, 2022

WEEK 1	MAY 9-13			
WEEK 2	MAY 18-20			
DAILY	Central European Time CET (Delft)	Eastern Standard Time EST (New York)	Pacific Standard Time PST (California)	India Standard Time IST (India)
Module 1	3:00 - 4:30 pm	9:00 - 10:30 am	6:00 - 7:30 am	7:30-9:00 pm
Module 2	5:00 - 6:30 pm	11:00 - 12:30 pm	8:00-9:30 am	9:30-11:00 pm
WEEK 1				
Monday, May 9	3:00 - 3:15 pm	Introduction to the Course Programme		K.A.A. Makinwa
	3:15 - 4:30 pm	Designing Smart Sensor Systems		K.A.A. Makinwa
	5:00 - 6:30 pm	Measurement and Calibration Techniques		M.A.P. Pertijs
Tuesday, May 10	3:00 - 4:30 pm	Dynamic Offset Cancellation Techniques		K.A.A. Makinwa
	5:00 - 6:30 pm	Analog-to-Digital Converters		M. Pelgrom
Wednesday, May 11	3:00 - 4:30 pm	Precision Instrumentation Amplifiers		J.H. Huijsing
	5:00 - 6:30 pm	References for Smart Sensors		F. Sebastiano
Thursday, May 12	3:00 - 4:30 pm	Smart Inertial Sensors		M. Kraft
	5:00 - 6:30 pm	Integrated Hall Magnetic Sensors		P. Kejik
Friday, May 13	3:00 - 4:30 pm	Smart Temperature Sensors		K.A.A. Makinwa
	5:00 - 6:30 pm	CMOS Image Sensors		A.J.P. Theuwissen
WEEK 2				
Wednesday, May 18	3:00 - 4:30 pm	Implantable Smart Sensors for Advanced Medical Devices		T. Denison
	5:00 - 6:30 pm	CMOS-Based DNA Microarrays		R. Thewes
Thursday, May 19	3:00 - 4:30 pm	Smart Acoustic Sensors		M.A.P. Pertijs
	5:00 - 6:30 pm	Multi-Electrode Capacitive Sensors		G.C.M. Meijer
Friday, May 20	3:00 - 4:30 pm	Power Solutions for Autonomous Sensors		S. Du
	4:30 - 5:00 pm	Closing Session		