



Sensors and CMOS Interface Electronics

ON-LINE CLASS on Microsoft TEAMS

March 27 - April 6, 2023

WEEK 1		MARCH 27-30			
WEEK 2		APRIL 3-6			
DAILY		Central European Time CET (Delft)	Eastern Standard Time EST (New York)	Pacific Standard Time PST (California)	India Standard Time IST (India)
<i>Module 1</i>		3:00 - 4:30 pm	9:00 - 10:30 am	6:00 - 7:30 am	6:30-8:00 pm
<i>Module 2</i>		5:00 - 6:30 pm	11:00 - 12:30 pm	8:00-9:30 am	8:30-10:00 pm
WEEK 1					
Monday, March 27	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, March 28	3:00 - 4:30 pm	Dynamic Offset Cancellation Techniques			K.A.A. Makinwa
	5:00 - 6:30 pm	Precision Operational and Instrumentation Amplifiers			J.H. Huijsing
Wednesday, March 29	3:00 - 4:30 pm	Physical-to-Digital Conversion			M.A.P. Pertijs
	5:00 - 6:30 pm	References for Smart Sensors			F. Sebastiano
Thursday, March 30	3:00 - 4:30 pm	CMOS Image Sensors			A.J.P. Theuwissen
	5:00 - 6:30 pm	Smart Inertial Sensors			M. Kraft
WEEK 2					
Monday, April 3	3:00 - 4:30 pm	Smart Temperature Sensors			K.A.A. Makinwa
	5:00 - 6:30 pm	Multi-Electrode Capacitive Sensors			G.C.M. Meijer
Tuesday, April 4	3:00 - 4:30 pm	Smart Sensors for Advanced Medical Devices			T. Denison
	5:00 - 6:30 pm	Smart Acoustic Sensors			M.A.P. Pertijs
Wednesday, April 5	3:00 - 4:30 pm	Smart Magnetic Field Sensors			G. Close
	5:00 - 6:30 pm	Single-Photon Imagers			R. Henderson
Thursday, April 6	3:00 - 4:30 pm	Power Solutions for Autonomous Sensors			S. Du
	4:30 - 5:00 pm	Closing Session			Pertijs & Makinwa