



Sensors and CMOS Interface Electronics
ON-LINE CLASS on Microsoft TEAMS
March 11-21, 2024



WEEK 1	MARCH 11-14			
WEEK 2	MARCH 18-21			
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	7:30-9:00 pm
<i>Module 2</i>	5:00 - 6:30 pm	11:00 - 12:30 pm	8:00-9:30 am	9:30-11:00 pm
WEEK 1				
Monday, March 11	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 12	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 13	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 14	3:00 - 4:30 pm	Smart Magnetic Field Sensors		G. Close
	5:00 - 6:30 pm	Smart Inertial Sensors		M. Kraft
WEEK 2				
Monday, March 18	3:00 - 4:30 pm	CMOS Image Sensors		A.J.P. Theuwissen
	5:00 - 6:30 pm	Single-Photon Imagers		R. Henderson
Tuesday, March 19	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, March 20	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
Thursday, March 21	3:00 - 4:30 pm	Power Solutions for Autonomous Sensors		S. Du
	4:30 - 5:00 pm	Closing Session		Pertijs & Makinwa