



Smart Sensor Systems

ON-LINE CLASS by Microsoft TEAMS

October 11-21, 2021

WEEK 1		OCTOBER 11-14			
WEEK 2		OCTOBER 18-21			
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, October 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, October 12	3:00 - 4:30 pm	Dynamic Offset Cancellation Techniques			K.A.A. Makinwa
	5:00 - 6:30 pm	Precision Instrumentation Amplifiers			J.H. Huijsing
Wednesday, October 13	3:00 - 4:30 pm	Analog-to-Digital Converters			M. Pelgrom
	5:00 - 6:30 pm	References for Smart Sensors			F. Sebastiano
Thursday, October 14	3:00 - 4:30 pm	Smart Acoustic Sensors			M.A.P. Pertijs
	5:00 - 6:30 pm	Integrated Hall Magnetic Sensors			P. Kejik
WEEK 2					
Monday, October 18	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, October 19	3:00 - 4:30 pm	Impantable Smart Sensors for Advanced Medical Devices			T. Denison
	5:00 - 6:30 pm	CMOS-Based DNA Microarrays			R. Thewes
Wednesday, October 20	3:00 - 4:30 pm	Smart Inertial Sensors			M. Kraft
	5:00 - 6:30 pm	CMOS Image Sensors			A.J.P. Theuwissen
Thursday, October 21	3:00 - 4:30 pm	Power Solutions for Autonomous Sensors			S. Du
	4:30 - 5:00 pm	Closing Session			