

MONDAY, 16 MAY 2022

08:00 – 09:15	REGISTRATION 📍 ASML Reception Building 7
09:15 – 09:30	OPENING REMARKS 🗣️ STOYAN NIHTIANOV & KOFI MAKINWA 2022 GENERAL CHAIR/CO-CHAIR 📍 Twinscan Auditorium
09:30 – 10:00	INTRODUCTION OF ASML 🗣️ JOS BENSCHOP, SVP ASML Room: Twinscan Auditorium
10:00 – 11:00	KEYNOTE: SENSORS FOR THE IOT 🗣️ DAVID BLAAUW, UNIVERSITY OF MICHIGAN, ANN ARBOR 📍 Twinscan Auditorium
11:00 – 12:00	KEYNOTE: ENERGY-EFFICIENT POWER MANAGEMENT CIRCUITS FOR IOT AND WEARABLE DEVICES 🗣️ PATRICK P. MERCIER, UNIVERSITY OF CALIFORNIA, SAN DIEGO 📍 Twinscan Auditorium
12:00 – 13:30	LUNCH/EXHIBITION HALL 📍 Ground Floor/First Floor Auditorium
13:30 – 14:30	KEYNOTE: ENERGY-EFFICIENT CMOS HUMIDITY SENSORS 🗣️ ZHICHAO TAN, ZHEJIANG UNIVERSITY 📍 Twinscan Auditorium
14:30 – 15:30	KEYNOTE: LOW-POWER INERTIAL MEASUREMENT CHIPS FOR HEALTH INFORMATICS AND IOT 🗣️ FARROKH AZAZI, GEORGIA INSTITUTE OF TECHNOLOGY 📍 Twinscan Auditorium
15:30 – 16:00	BREAK/ EXHIBITION HALL 📍 Ground Floor/First Floor Auditorium
16:00 – 17:00	KEYNOTE: CAPACITIVE PRESSURE SENSORS IN STANDARD CMOS TECHNOLOGY 🗣️ ALESSANDRO CASPANI, INFINEON 📍 Twinscan Auditorium
17:00 – 18:00	KEYNOTE: ALWAYS-ON SENSING SYSTEMS SOLELY POWERED BY RENEWABLE ENERGY FOR SUSTAINABLE SCALING TO THE TRILLIONS 🗣️ MASSIMO ALIOTO, NATIONAL UNIVERSITY OF SINGAPORE 📍 Twinscan Auditorium
18:00 – 18:30	SENSORS & DETECTORS AT ASML 🗣️ PADMAKUMAR R. RAO, ASML, NETHERLANDS 📍 Twinscan Auditorium
18:30 – 20:00	DINNER 📍 Ground Floor Auditorium

TUESDAY, 17 MAY 2022

08:00 – 08:30	REGISTRATION  ASML Reception Building 7
08:30 – 09:30	KEYNOTE: 101 WAYS TO READOUT A PHOTODIODE  BART DIERICKX, CAELESTE  Twinscan Auditorium
09:30 – 10:30	KEYNOTE: IC DESIGN TECHNIQUES AND ARCHITECTURES FOR NON-INVASIVE HEALTH MONITORING WITH PPG  NICK VAN HELLEPUTTE, IMEC  Twinscan Auditorium
10:30 – 11:00	BREAK/ EXHIBITION HALL  Ground Floor/First Floor Auditorium
11:00 – 12:00	KEYNOTE: HIGH-RESOLUTION TEMPERATURE SENSORS FOR MEMS FREQUENCY REFERENCES  KAMRAN SOURI, SITIME  Twinscan Auditorium
12:00 – 13:30	LUNCH/ EXHIBITION HALL  Ground Floor/First Floor Auditorium
13:30 – 14:30	KEYNOTE: A STRAY-FIELD-IMMUNE MAGNETIC DISPLACEMENT SENSOR WITH 1% ACCURACY  GAEL F. CLOSE, MELEXIS  Twinscan Auditorium
14:30 – 15:30	KEYNOTE: PRECISION FLUXGATE MAGNETIC SENSORS FOR CURRENT SENSING  MARTIJN SNOEIJ, TEXAS INSTRUMENTS  Twinscan Auditorium
15:30 – 16:30	KEYNOTE: SMART ULTRASOUND PROBES: GOING DIGITAL IN THE PROBE TIP  MICHIEL PERTIJS, DELFT UNIVERSITY OF TECHNOLOGY  Twinscan Auditorium
16:30 – 17:00	CLOSING REMARKS  STOYAN NIHTIANOV & KOFI MAKINWA 2022 GENERAL CHAIR/CO-CHAIR  Twinscan Auditorium