

Session Program

6-11 Jul 2026

**ASP2026—Teachers Program at the 9th
African School of Physics**

Track 2: Internet of Things

CEMASTE, Nairobi, Kenya

Tuesday 7 July

09:30

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

11:00

09:30–11:00

Introduction to (Micro) Python programming.

11:30

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

13:00

11:30–13:00

Hardware access, programming the LED on the CPU card

15:15

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

16:00

15:15–16:00

Reading the switch

Wednesday 8 July

09:30

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

11:00

09:30–11:00 **Sensors (temperature, humidity, barometric pressure)**

11:30

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

13:00

11:30–13:00 **LCD Display**

14:00

Track 2: Internet of Things

Session | **Location:** CEMASTEА, Nairobi, Kenya

15:30

14:00–15:00 **Combining sensors and LCD to create a simple weather station**