**Date:** February 3, 2025

**Topic:** Start learn OpenHAB and MQTT

**Attendee**: Dr. Mauro Dragone, Xinpu Li

**Key points of meeting:**

1. Due to the wrong use of positive and negative electrodes during the test, the caliper is scrapped, and a new digital display caliper needs to be purchased. At the same time, the code is correct in the simulation test results, proving that the existing code has no problems. But while the caliper signal can be recognized by an oscilloscope, it cannot be read in ESP32, and it is not clear why.
2. Wait for the new calipers to be shipped, and in the meantime test the OpenHAB and MQTT protocols on personal computers to lay the groundwork for future work. The role of OpenHAB in subsequent experiments is rediscussed.