

# Start counter and Trigger status

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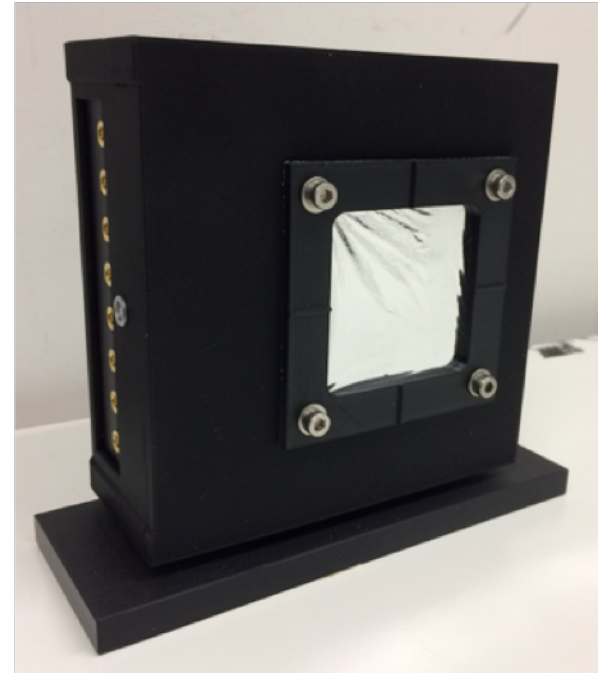
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# Margarita status



- The **detector has not been changed** with respect to the latest data-taking @ GSI in 2020
- As for the TofWall we need to quickly **check the possible saturation of the signal** (we have never test it on Oxygen beams). Eventually, we can rapidly adjust the gain
- The Margarita has been tested @ SBAI with cosmic rays and a  $^{90}\text{Sr}$  source to re-equalize the channels
- This time we will use a **different kind of cables** (no lemo inter-connectors, double screen) to hopefully reduce the impact of noise
- We build a mechanical structure to move the margarita close to the TW for the **delta-cable** measurement



# Trigger



- The WaveDAQ is fully commissioned into the DAQ
  - *data transfer from WDAQ to central DAQ working properly and tested in several long runs*
  - *slow control also checked in details and working properly*
    - **new online plots added for trigger monitoring**
- Fragmentation trigger based on energy cut studied and prepared for GSI
  - *basic test of FW done*
  - *tools for trigger timing setup developed*
  - *trigger calibration procedure designed*