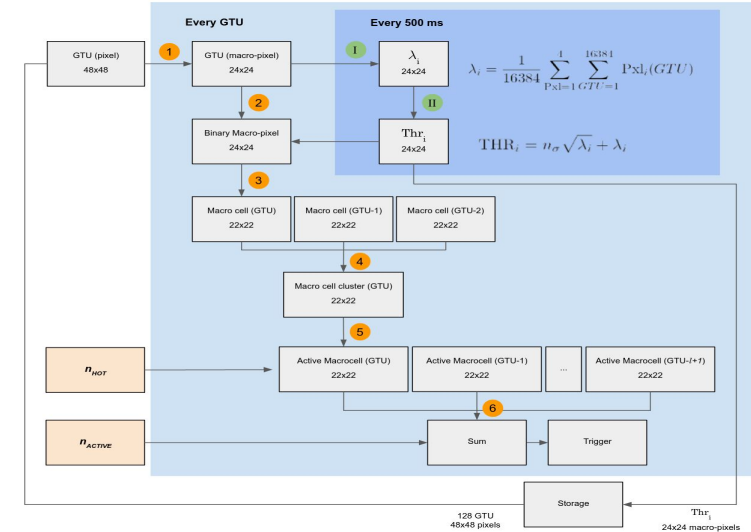
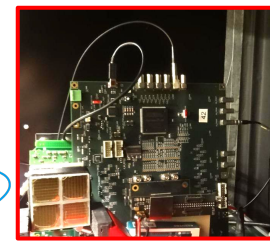


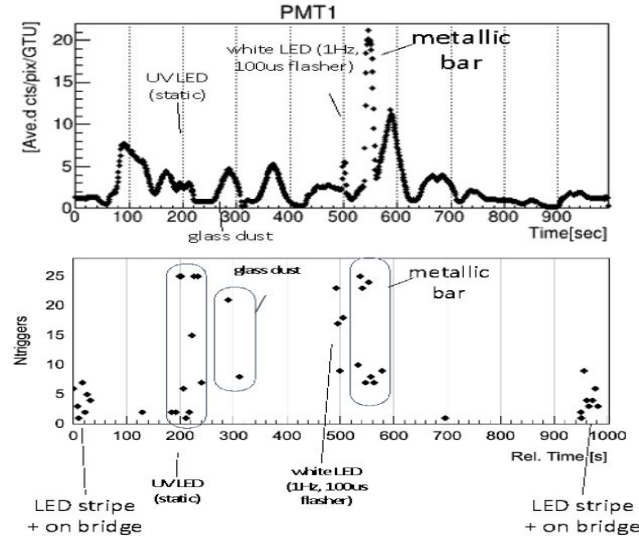
EUSO-SPB2 Fluorescence Telescope trigger test within the EUSO@TurLab Project

Matteo Battisti^{1,2,*} for the JEM-EUSO Collaboration

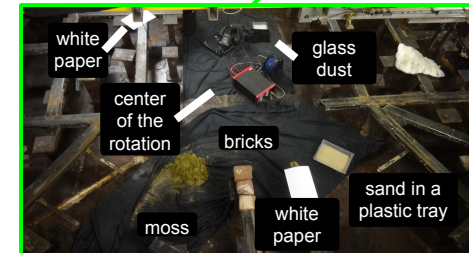
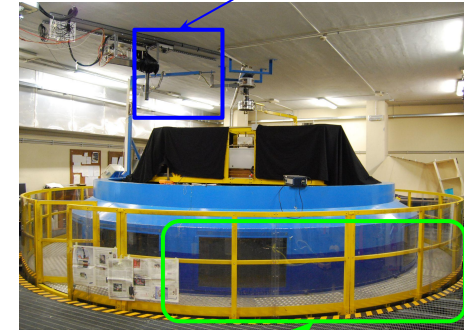
¹University of Turin, Italy - ²INFN Torino, Italy - * Speaker



EUSO-SPB2 trigger logic



Top: Lightcurve of a PMT during a rotation (~15 minutes). Bottom: Triggers detected during the rotation



Tank rotated at minimum speed: ~15 min/rotation

Detector hung to the ceiling at ~1 m from the center of the tank

The speed V_{FoV} at which the FoV_{pix} is changed is

$$\frac{1}{V_{FoV}} \sim 4.5 \frac{s}{pix}$$

Similar to the expected V_{FoV} of the balloon.