



# EUSO-SPB2: Overview



- *What is this contribution about?*

We provide an brief overview of the EUSO-SPB2 instrument, discuss the science goals and the expected performance

- *Why is it relevant / interesting?*

First time to measure UHECR via fluorescence technique from suborbital space and not only rise the Technical Readiness Level for future space missions but also measure for the first time the backgrounds for such an instrument.

- *What is the result?*

We showed through simulation that we will be able to record 0.12 EASs per hour with FT. We also could show that we will be able to record thousands of direct cosmic ray with the CT. In addition we could show that EUSO-SPB2 has sensitivity to neutrinos from astrophysical transient events.

- *Other contributions for EUSO-SPB2*

389, 403, 330, 490, 614, 489, 867, 1002, 248