



**UNIVERSITÀ
DEGLI STUDI
DI UDINE**

ICD 2021 – Trieste/Udine



Third edition. 16 students from 3 high schools.



Copernico, Udine.
7 studenti



Duca degli Abruzzi,
Gorizia. 5 studenti



Marinelli, Udine
4 studenti

5 measured angle. Acquisition time (T)
45 minutes a 0°-20°-40°, 135 minutes a
60° e 15 hours at 90 degree.

Flux Measurement:

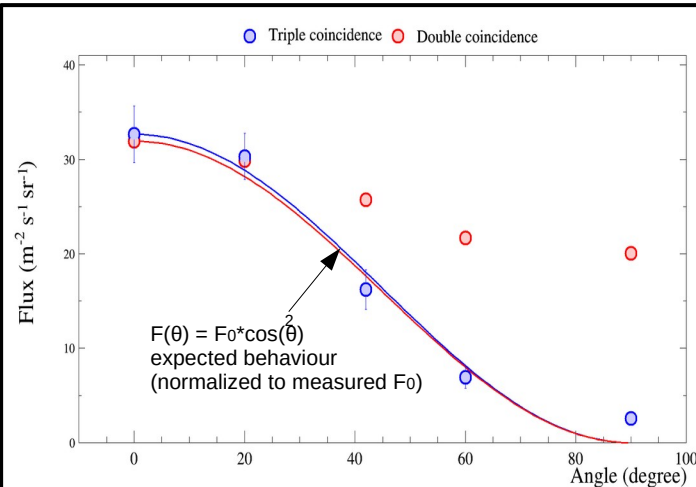
$$F = \frac{N}{A \cdot T}$$

A geometrical factor, T acquisition time.
Good agreement with \cos^2 with A&B&C
while A&B provide an higher flux.

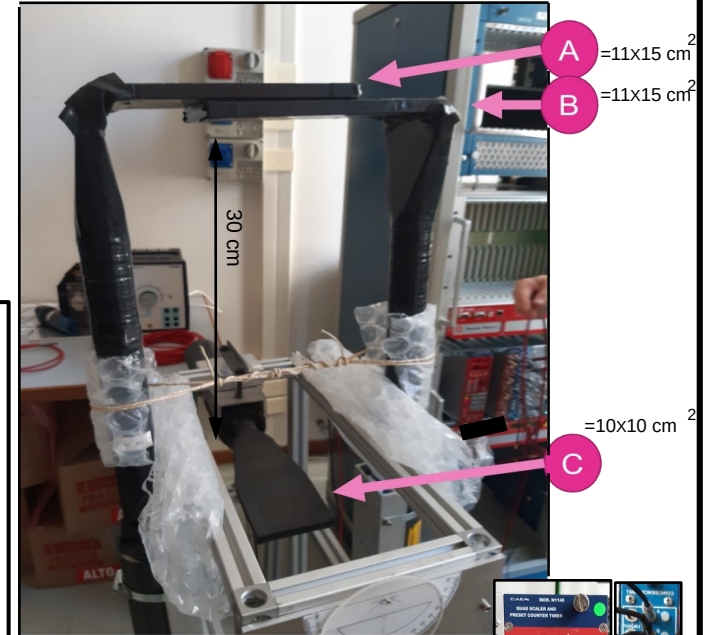
Activity

10 November:

- Cosmic ray lecture
- Dark Matter lecture
- Apparatus lecture
- Data taking and analysis

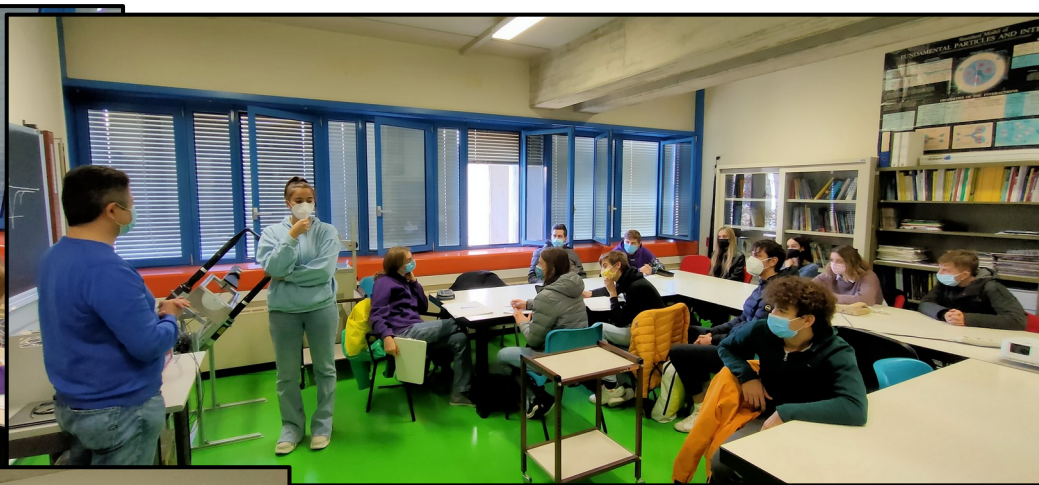
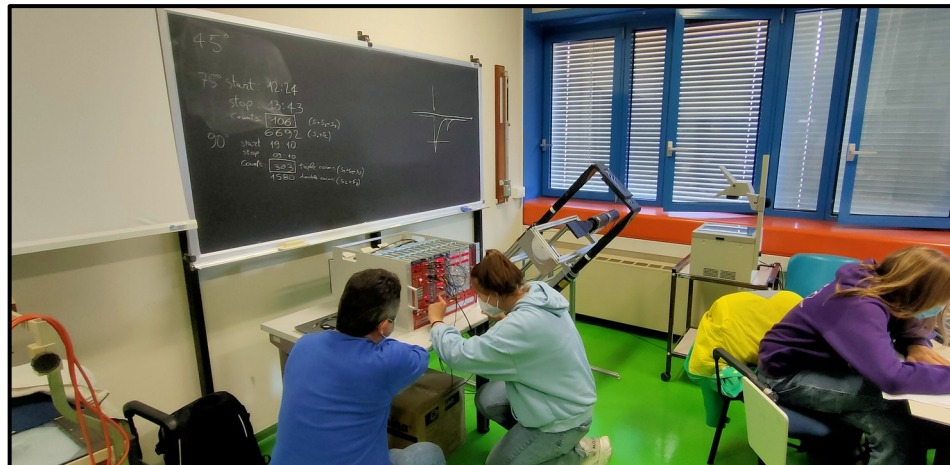


Local organizers: Cecilia Pizzolotto (INFN), Emiliano Mocchiutti (INFN), Francesco Longo (INFN-Università Trieste), Gianluigi Zampa (INFN), Mirko Boezio (INFN), Riccardo Munini (chair, INFN)



3 scintillator + light guide and photomultiplier. Signal sent to a coincidence and a scaler for counting, double A&B and triple A&B&C coincidence





Third edition. 16 students from 3 high schools.



Copernico, Udine.
7 studenti



Duca degli Abruzzi,
Gorizia. 6 studenti



Marinelli, Udine
4 studenti