

## Neutrons @ FOOT

*giovedì 11 giugno 2020 17:00 (30 minuti)*

In this talk I will present the study on the possibility to detect neutrons with the current experimental setup. After a brief introduction on neutron detection and detectors, I will present preliminary results obtained from the simulated data of a  $^{16}\text{O}$  beam with energy of 200 MeV/u on  $\text{C}_2\text{H}_4$ . In particular I will show the potential use of the calorimeter to derive some information on high energy neutrons.

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**Classifica Sessioni:** Analysis (ii)