



VI FOOT Collaboration Meeting  
5-7 June 2019 , CNAO (Pavia)



# Introductory Remarks



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# Prequel....



**We have grown up... April 2019: first FOOT data taking!!**

- ✓ Emulsions acquired production data with Oxygen beam (200 and 400 MeV/u) and C and CH<sub>2</sub> target.
- ✓ A skeleton of the electronic setup ( SC+BM+Vertex + TW) took calibration run in the final DAQ





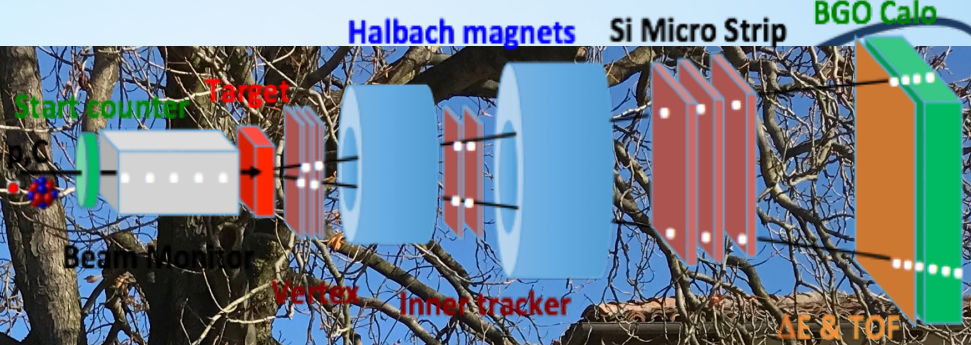
# How we proceed? (I)

- We have to decide before INFN funding requests the next FOOT data taking with emulsion setup: 12C at 200/400 MeV/u (CNAO?) or higher energies for RPS at GSI (4He, 12C, 16O at 700 MeV/u). When in 2020? Do we have to apply for ESA beam time at HIT?
- Detector completion on-going. Next important steps: Magnet bid (hard work by LNF group!), MSD FEE procurement and test (within 2019?)
- **Crucial point: start of the analysis. We absolutely to strengthen the software/analysis group!! Not only high level developers but also basic users are badly needed. Look for new external collaborations?**



# How we proceed? (II)

- The calorimeter R&D is going on, near to a production stage. The other “long term” R&D project , the Inner Tracker, is heavily delayed by the general INFN Cadence problem. Not easy way out by ourselves!
- GSI ( and maybe also HIT) offered to host the experiment. Do we want to settle down? How much space do we need?
- INFN funding is likely to be badly cut this year (hopefully?). We have to be aware of this situation in the next request
- WE have to coordinate the next test beams. Beam availability could be less than before (LNS, TIFPA). CNAO exp room could be a fantastic opportunity for us!



Have fun !!!!!

