



VII FOOT Collaboration Meeting
4-6 December 2019 , Rome



Introductory Remarks

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Swimming across the river....



Similarly to runners just after the bending in 200m we are at almost full speed but we have still in front of us a big deal of the effort

- ✓ Completion of the electronic detector (Magnets, ITR, MSD, calo)
- ✓ Final DAQ and mechanics integration.
- ✓ Develop a robust software infrastructure for analysis



In the meanwhile:

- * finalize the emulsion analysis
- * test beam to calibrate the final sub detectors

With the final target:

CNAO data taking in 12 months!!!



Acceleration from the bending..



- We are organizing the ESA data taking in February with emulsion and high energy carbon beam
- The application for the ESA 2021-2022 beam time at GSI has been already put off (R.Spighi & A.Sarti main authors)
- The new magnet bid (bid II the Revenge) is now on the way (Special acknowledgments to Andrea Moggi!) with increased budget and different payment modalities.
- The 2020 assignment by INFN has not been a tragedy
- The possibility of a “long” run at CNAO is realistic-> leap forward to the final detector setup
- The beam time assignment in 2021-2022 at GSI (BIO-Pac) is our natural target. Let's cross our finger (last call we were evaluated as A- ==good but.. second priority)



To keep the velocity...



Key issues to keep running:

- The calorimeter seems to have a robust FEE scheme (nice test results!!). Heavy test beam is needed (HIT is a must)
- The offline group must be enlarged. Analysis and software development have different needs but must be synergic.
- The mechanical integration has now high priority. The two pieces (Interaction Region and Downstream Region) must act as a single experiment.
- The tracking region (magnets, IT, MSD) is really on the spot this year. Even with reduced performance it would be fundamental to have a skeleton at CNAO data taking



Few info before starting

- 1) The social dinner will be tomorrow. We badly need to know who is not coming. Please send a mail to Alessio.sarti@lnf.infn.it if you are registered and you **WILL NOT** participate.
- 2) Eduroam is available but is somewhat unstable. You can ask us for the authorization to use the private Departement wireless
- 3) At lunches you can have a seated meal at the restaurant “The Game” (via Scarpa, same street of the department).
- 4) Please upload the slides on the Meeting Indico Page before your talk.



Welcome !!!!

