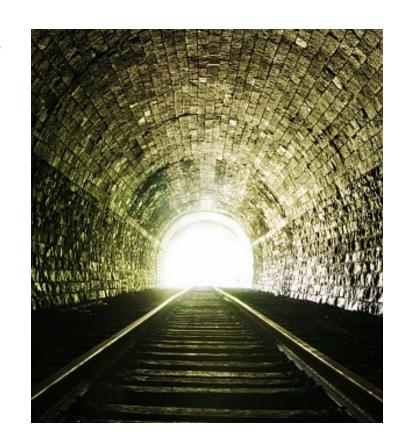
XII Foot General meeting Strasbourg, 30th may-1st june 2022

Welcome Address



Recent meeting's history

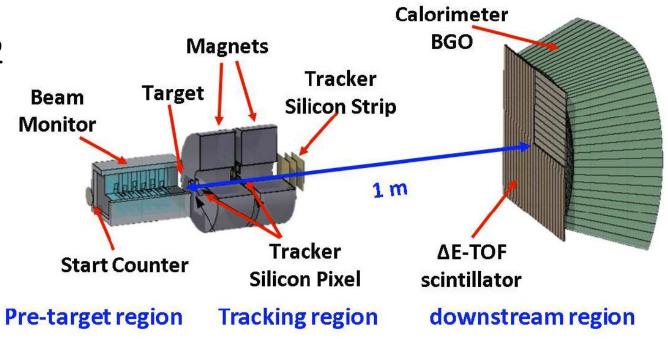
- VIII FOOT Collaboration Meeting, Strasbourg, Virtual
 - 10 Jun 12 Jun 2020
- IX FOOT Collaboration Meeting, Strasbourg, Virtual
 - 09 Dec 11 Dec 2020
- X FOOT Collaboration Meeting, Strasbourg, Virtual
 - 24 May 26 May 2021
- XI FOOT Collaboration Meeting, Pavia, in presence
 - 29 Nov 30 Nov 2021
 - Thanks to Marie and Chris for organizing all our recent general meetings!!



Where we are with our electronic set-up?



- Magnet ordered, but not yet produced (problems!)
 - → Holding mechanics delayed
- IT modules being assembled
- CALO to be completed in 2022
- We look forward to perform in 2022 2023 the first data taking with the full e set-up



Data, tools and analyses



Data takings

- We have performed many calibration studies for single detectors
- We have complete data sets that await the completion of the analysis
- More data sets are coming in the future (HIT, CNAO, LNS?, ... to be defined ...)

Software tools

 Continuously progressing, both for the electronic and emulsion set-ups, but the progress does not keep up with the data takings

Analyses

- Several analyses are ongoing, but the man-power in this field is scarse.
- We now have to move towards full tracking and cross section measurements: almost everything is now in place

Future and organization

Next data takings

- Heidelberg, ⁴He, July 2022
- CNAO exp Hall: measurement in autumn without magnet
- CNAO exp Hall: measurement with full set-up in 2023
- *IBPER proposal*: p, ⁴He, C, O @ 50 800 MeV/u (2023-24)

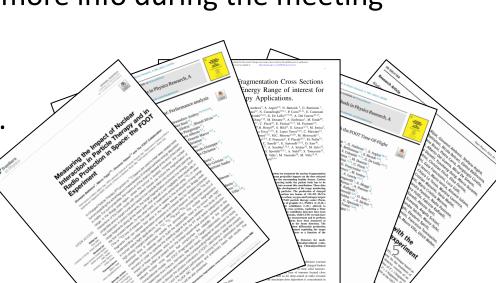
Responsabilities

Some adjustments on responsabilities needed: more info during the meeting

Publications

It is time to be even more focused on publication. We are now in the condition to increase the article writings.

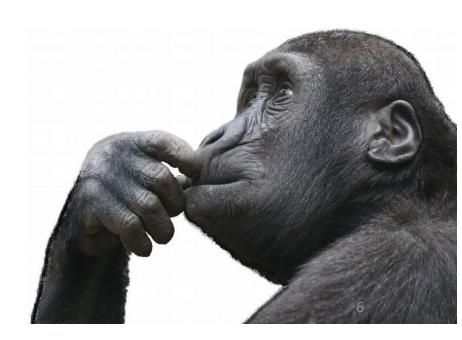




Future developments

F O O T

- Wednesday
 - (short term plans) 1 h discussion on preparation of the measures at Heidelberg.
 - (long term plans) 1h discussion on the outlook of FOOT
 Approach (PT, SRP), physics (neutrons, heavier beams/target, others?), cross section measurements, their use, their interpretation!
 - Man power issue!
- PRINs, ERC, FIS, Early researcher grants
 - We always have to be ready for the next bunch of funding programs (including: «Dipartimenti eccellenti», PNRR...). The number of PhD bourses is increasing: let's not miss this opportunity!



And now let the meeting begin!

• Speakers: please upload your contribution to indico in advance!