

XI Foot General meeting
Pavia, 29-30 November 2021

Welcome Address

M. Villa





In presence or virtual meeting ?

For those in presence: please wear mask all the time and sanitize hands frequently



Speakers: pay attention to all the attendance, in presence and by remote
Questions from the people in presence: speak close to a microphone



Meeting organization

Timetable: <https://agenda.infn.it/event/28594/>

- Monday morning: several contributions focused on the global picture
- Rest of Monday: detector talks
- End of Monday: Institute board
- Monday evening: Social dinner
- Tuesday morning: Software
- Tuesday : analysis
- End of Tuesday: EB and wrap up talks

- Lunches at a restaurant close to here (just follow us).

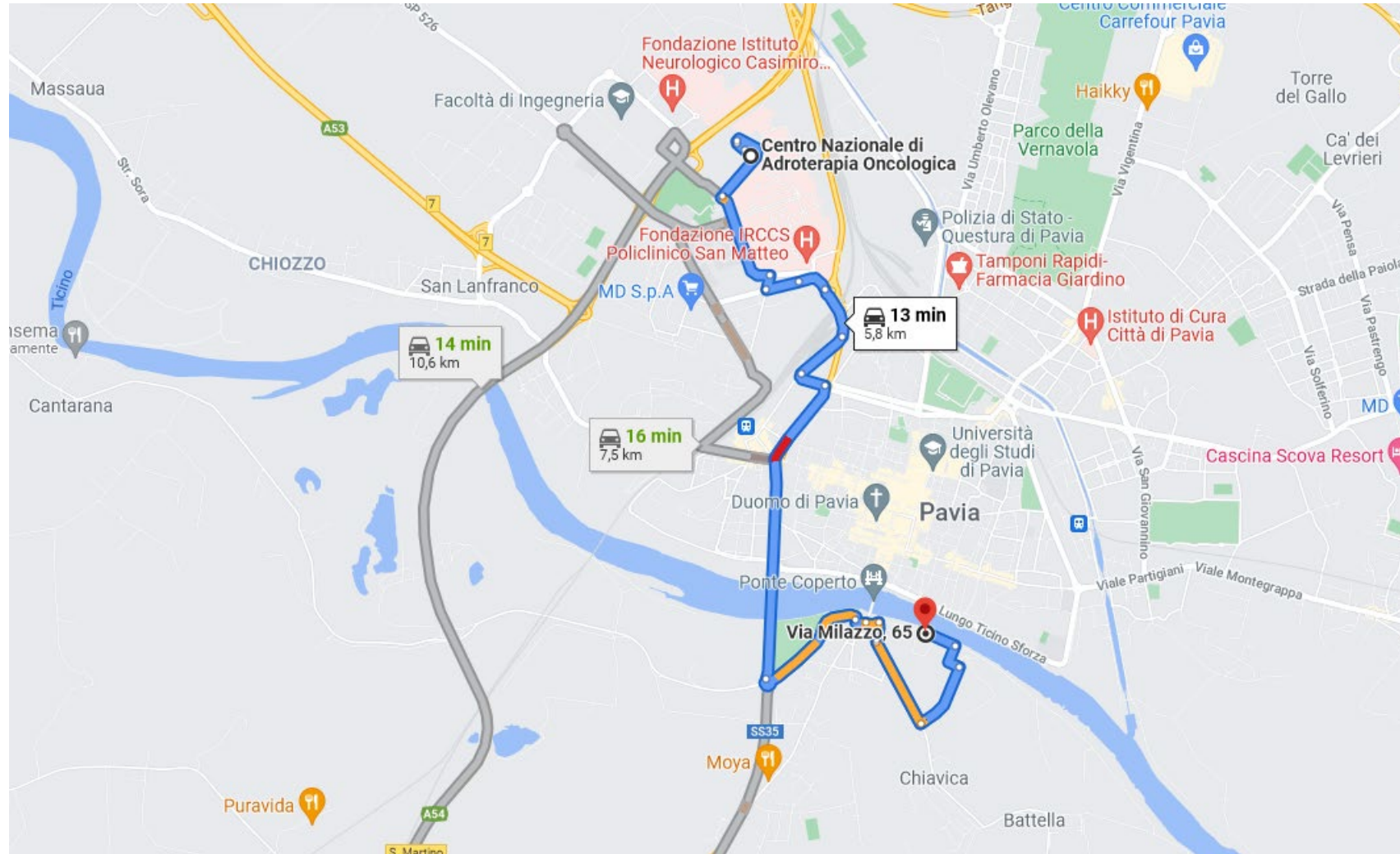
Social Dinner @ Antica Osteria del Previ

Via Milazzo 65, Pavia



Important items are present!

Location



For FOOT people
on foot, we can
share cars

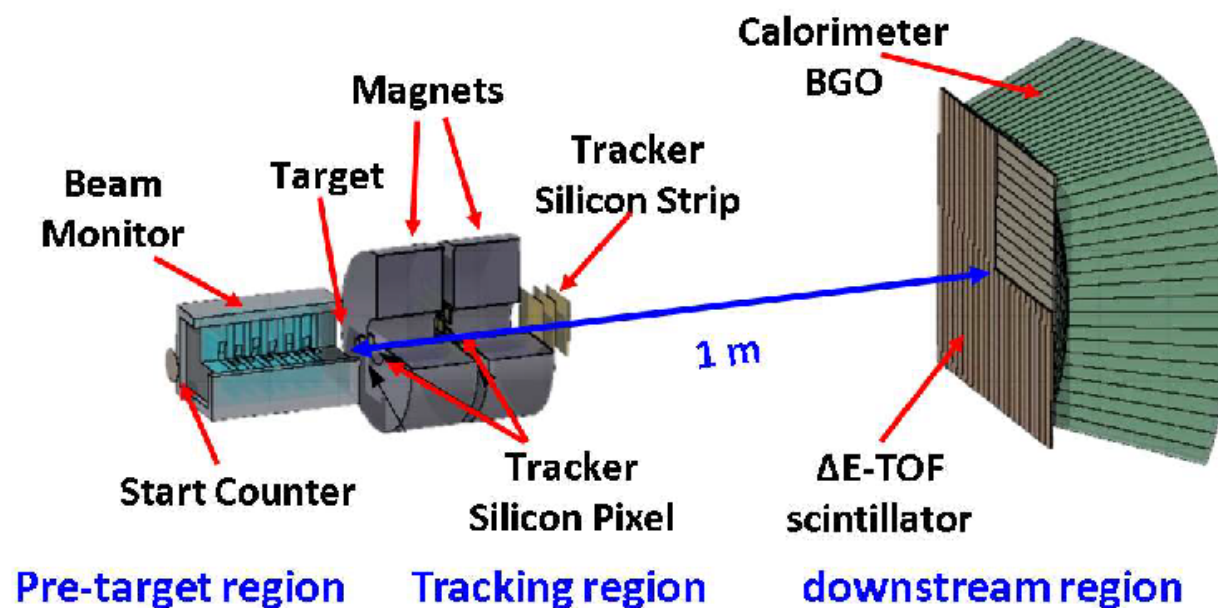


Very good collaboration status - I

- **Detectors:**

- MSDs up and running since June (and they ran a lot!)
- Magnet ordered and expected at the beginning of next year
- Holding mechanics to be realized at the beginning of next year
- IT modules being assembled
- CALO to be completed in 2022

- We look forward to perform in 2022 the first data taking with the full set-up



Very good collaboration status - II



- Data takings

- GSI 2021 has been an important step for the electronic set-up and for the analysis group
- Several tests at CNAO and in Trento for detector tuning
- Data taking at new CNAO experimental room not possible in 2021
- and the collaboration responded filling the allocated slots with detector tests!

- Software instruments

- Continuously progressing, both for the electronic and emulsion set-ups

- Analyses

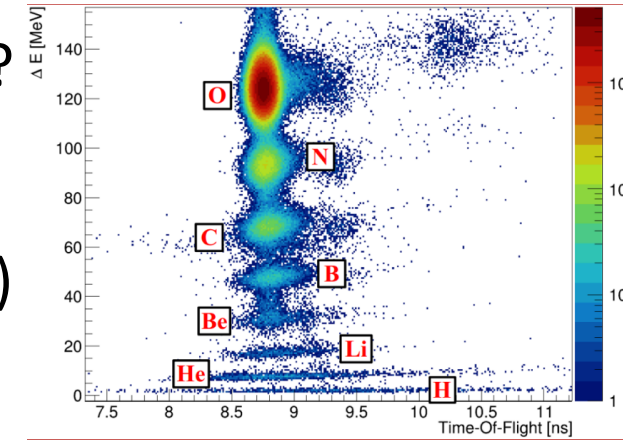
- Several analyses are ongoing. Many very interesting detector studies.
- We now have to move towards the cross section measurements: almost everything is now in place

Very good collaboration status - III



• Next data takings

- CNAO exp Hall: measurement in feb/march without magnet?
- CNAO exp Hall: measurement with full set-up in autumn
 - Important aspect: which beam?
- HIT: to be decided if we want/need to go there... (^4He beam)



• Responsibilities

- Several changes in responsibilities inside FOOT are happening and planned. Among them: some new INFN responsables, EB, spokesperson and others

• Publications

- Notwithstanding the pandemic, we are well alive in conferences. We are now in the condition to increase the article writings.



Future developments



- Neutrons

- They constitute a natural extension of the FOOT program. A definite program should be drafted and presented to INFN. Look also for synergies with nTOF.

- Other extensions

- FOOT detectors are tools for research. Any interesting extension that can be pursued with the FOOT equipment is welcomed. Ideas are around....

- PRINs, ERC, FIS,

- We have to be ready for the next bunch of funding programs. FOOT physics and FOOT-related studies are interesting and can be funded. A priori the success rate is not at all close to 100%, but we have to try. A statistics from the field: the most successful persons have failure rate close to 90%!



And now let the meeting begin!

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

