

CENF-WG5

Introduction and kick-off meeting

Mandate of the group / I

- WG5 is dedicated to the discussion of detector requirements and related instrumental techniques
- it is obvious that no WG is totally independent, and WG5 is no exception; it is natural to expect that common issues will arise
- the group is also supposed to discuss possible R&Ds, from small to large ones
- we know that the community is not the largest one, so we hope this WG will help making the best out of our resources by identifying common interests and possible synergies

Mandate of the group / II

- We are supposed to get organized by ourselves, by choosing
 - timescale (within reason, I guess)
 - deliverables
- At this meeting we should at least
 - choose meeting format and schedule
 - start presenting our interests, expertise, activity, and anything you deem useful in this occasion
- The mandate is very wide, so I would not be surprised if finding our way and working mode will take some time

Mandate of the group / III

- Investigate possible techniques and configurations useful for Near Detectors, iterating with the other WGs
 - targets
 - trackers
 - spectrometers
 - TOFs
 - particle-id
 - ...
- and try to match with R&Ds on detector technology
 - photo-detectors
 - gas detectors
 - gas mixtures
 - amplification techniques
 - specific electronics
 - ... + anything coming to your mind

Possible deliverables

- we are all expected to contribute to the definition of deliverables
- As I see it in this moment
 - understand where common R&D is beneficial in order not to duplicate effort
 - see where common test-beams can be organized
 - properly document the WG activity
 - producing a final document? to be discussed
 - answer two questions for a longer timescale:
 - can test-beams turn out to be also occasions of useful measurements?
 - is there any need or advantage in a common test (beam) infrastructure?