

Town-Hall discussion

1/10/2024 - ECR INFN meeting

Matteo Giovannetti, Cecilia Borca, Elisabetta Spadaro Norella,
Nicolò Jacazio, Miriam Olmi e Marco Giacalone

Survey on Future Colliders

Following the survey at <https://limesurvey.web.cern.ch/691588?lang=en> ,

We would like to start discussing some of the open questions or topics of interest related to the choice of FC.

Goal of the meeting = write a contribution to INFN for the **ESPP** from the ECR community

+ Open Discussion

Raise your ideas and anything else you want to bring back to INFN!

Future Colliders (FC) and career

- Working on FC would be beneficial to your career?
- The biggest barrier to working (more) on FC?
- Choice of a specific FC is important for your career? Why?

Timeline of FC decision

- How long is acceptable for you to wait till a decision on the next machine is made?
- Would you accept to work full-time on FC while the decision is still pending?

Future collider option

The future collider option I would like to be built next is:

- FCC integrated programme
- FCC-ee only
- FCC-hh only
- Muon collider
- CLIC-ILC
- ...

⇒ Why, Pros/Cons, critical challenges you see

- Is it worth building a single collider?
- Do you think it is also needed to do more smaller experiments in other fields (nuclear, astro, other)?

ECR activity on FC

- How to balance time/effort on current experiments and R&D for the future?
- Any proposals to get ECR more involved on FC projects since we are those who will be carrying those projects in a long-term?

Economical, social and political aspects of FC

- Future Collider in Europe: how important is to maintain Europe's leadership?
- Social/economic benefits of building a new collider
- Projected costs of the future colliders are realistic?
- How do we as young researchers make sure that decision makers in the field are fully open about the costs and feasibility of future projects?
- How important is sustainability?

ECR involvement

- Do you think ECR should play a role in decision-making process of FC?
- ECR representation in INFN. How to organize and how it would be useful.

Open discussion

Any proposals for supporting ECR career in Future Colliders?

Any other topics of interest?

- grants
- work/life balance
- ...