Troels: The commitment to large experiments is long compared to government and universities...we do not have INFN so we have to argue for returns. Requires some effort...

need for more FTEs in particular phds

Francesco: University wants to see a return.

Needs plan for the minimum funding needed.

Mogens: ministry has no money, but there needs to be understanding from the ministry.

Jens Jørgen: very important community sticks together despite particular interests. Minister Jesper Petersen is accepting Fabiolas invitation to CERN.

New dialogue between ministry and universities needed.

Key is NUFI - advisory committee to ministry. This is partly political.

Ian: Have we invited Katrine to CERN (head of NUFI).

Mogens: Important having the other universities in the discussion. It is also a discussion at rector level.

Ian: Good to be able to point to other universities that there are groups.

Francesco: It is important we go in person...if they see a return funding in return and prestige.

Oleg: Ministry says it has no money, but do we have a budget?

Mogens: As a rule of thumb: you invest 1/3 of CERN member fee in your home contry.

Ian: The other countries get this much.

To Francesco: Better to say its interesting that in Italy there are this many CERN scientists in Italy rather than saying italy is this and this much better.

Ian: Important to say we got twice as much 10-15 year earlier (nice funding)

Jens Jørgen: I tried to make the budget exercise. Number for external funding (2018, particularly good year with 2 centers). right now we are in a valley

Stefania: The equivalent of 50 million in other countries is not state guaranteed? Mogens: Well yes it is...

Stefania: question to us, why can you not secure funding like biophysics etc..

Francesco: We had Jens Jørgen in commitees we have no representation

Mogens: You cannot build up a grant on 3 years.

Francesco: It is hard for universities to build up particle physics, because how can you guarantee.

Stefania: We need to be better represented in other

Ian: We need to make better arguments of our research contributions to society.

Francesco: We have not been compact and acted unamimously.

Mads: mentions the lack of equivalents of the partnerships for space...including with industry

Jens Jørgen: We have bigscience.dk

Ian: examples of industries that could be involved...

Mogens: Most important for danish industry is that if they can contribute regularly to CERN. But we are undermanned so what can we do.

Francesco: maybe we start thinking about why is there no more people at the universities

Hans: How do you go about saying that to the universities...

Francesco: We have to have a long term plan on what we want to back. And say how we are contributing to know-how and green tech.

Oleg we organize event: Particle physics for society.

Troels: and invite the institute leaders as well

Francesco: But even before doing that we need to know what we are doing.

Ian: The 50 million is a nice dream, but what is it we absolutely need.

Mogens Dam: Why should only have one experimental group working on experimental physics.

Francesco: Why not just go for the big experimental collaborations.

Ian: I think we are smart to focus on CERN.

Peter: Experiment like IceCube has no funding. Only if they have a grant. We atleast have basic funding.

Francesco: If we secure basic funding then IceCube will also get more in effect. Would be strong if ATLAS at copenhagen, CMS in Odense and LHC-B in AU etc. We could compare with Norway and Sweden.

Ian: But lets remember we have only Atlas and Alice in Norway and ATLAS in Sweden.

Troels: The discussion here should continue

Ian: The action item...lets try to figure out.

Mogens: we need a paper of FTEs in different coutries...it should give precise and noncontroversial numbers . This is important input for RECFA

Jens Jørgen: the numbers exist in the 2018 table but have declined slightly. For RECFA: Those giving talk on experiments should include people from that activity.

NICE board meeting: sub committees could be sat down. one for technical universities and industry.

Another important one is the educational one.

A third establishing a more direct ministry contact.

Francesco: Needs a strategy group.

Mogens: We miss a research council to review what to join or not to join...

A typical question that comes up is do we support F-cc. in DK there is no one to answer this question

Francesco: So do we need a research committee?

Jens Jørgen: It is absolutely true we do not have workable research council. From the ministries pov: contact point is NICE. This is the organ where to advance the scientific ideas. Then NICE can set up a review.

Stefania: So we need to formalize the working of/with NICE.

With more money there could also be more commitment from the ministry.

synergies...

quantuminfo

damic-involvment...