

Scénarios/machines: questions

- la position française présentée par Reynald
- Q3: *Should we consider statements to strengthen the LHC and HL-LHC program? Should we stimulate the creation of coordinated programs at CERN and/or in Europe, e.g. AI@LHC for both data analysis and for control of instruments, etc?*
- Q4: *Should we also support the fixed-target projects at (HL-)LHC?*
- Q11: *Should the HE-LHC feature in our strategy update?*
- Q6: *Do we remain open towards strong participation in future collider programs outside Europe? Should such a statement remain among the highest priorities? Should we extend the scope to include a variety of options like ILC@Japan, [EIC@US](#), CEPC@China, ... ?*
- Q5: *Because of the competition for the Interaction Region at Point-2@LHC, should we consider for the period beyond LS4 a choice between the next generation heavy-ion experiments at the HL-LHC and the LHeC?*
- Quelle place pour un ERL, à quelle échéance ?
- Q12: *In the context of the LE-to-HE-FCC-h/e/A scenario, would an adiabatic evolution from 6T to 16T/HTS magnets for FCC-h/e/A be an avenue to explore?*

R&D et théorie: questions

- importance relative de la R&D sur:
 - aimants à haut champ
 - muon collider
 - accélération plasma/laser
- Q9: Anno 2013: *“Detector R&D programmes should be supported strongly at CERN, national institutes, laboratories and universities. Infrastructure and engineering capabilities for the R&D programme and construction of large detectors, as well as infrastructures for data analysis, data preservation and distributed data-intensive computing should be maintained and further developed.”* Should we strengthen this statement? Should we provide guidance how to achieve this? For example, related to new R&D cluster programs at CERN and in Europe, and related to the balance between blue sky R&D versus focused R&D.
- Q8: Anno 2013: *“Europe should support a diverse, vibrant theoretical physics programme, ranging from abstract to applied topics, in close collaboration with experiments and extending to neighbouring fields such as astroparticle physics and cosmology. Such support should extend also to high-performance computing and software development.”* Should we strengthen this statement? Should we provide guidance
- how to achieve this?

Plateforme Neutrinos: questions

- Q7: Anno 2013: *“CERN should develop a neutrino programme to pave the way for a substantial European role in future long-baseline experiments. Europe should explore the possibility of major participation in leading long-baseline neutrino projects in the US and Japan.”* Is the continuation of the CERN Neutrino Platform appropriate? Should we propose to extend the scope of the Neutrino Platform beyond long-baseline neutrino projects?
 - retour d'expérience ?
 - pilotage par le CERN sur les upgrades T2K ? sur ProtoDUNE ?
 - périmètre: seulement la R&D ?

Diversification: questions

- Q1: *In the absence of clear indications for new physics, is a broad exploration an adequate approach for our global field? Do we want to move forward in the largest variety of directions?*
- Q2. *Would it be appropriate/sufficient to move the scientific diversity program at CERN or at the National Institutes to among the highest priorities for Europe? Should the strategy engage in ranking proposals according to priority? Which are the key proposals?*