

US strategy (P5 report)

Particle Physics Projects Prioritisation Panel (P5) ; report released in **May 2014**; based on the input from particle physics community; covering 10-year roadmap (not directly including FCC); **important message: particle physics is a global effort, more than 40 (unranked) recommendations**, e.g.

- total budget increase by 20%-25%
- **continue contribution to LHC and HL-LHC and all activities in LHC experiments**
- **modest and appropriate engagement in ILC accelerator** and detector design, limited to those domains where US expertise exists.
- wish to **host a new world class facility for neutrino physics with the help of the international community**
- **support for accelerator R&D** to strengthen partnerships between facilities, research institutes, universities and industry.
- **participation in global conceptual design studies**
- playing a **leadership role in SC high-field magnet technology**
- Muon Accelerator Program (MAP) should be pursued as integrated part of the GARD program, with **early termination of MICE**
- **recommendations will be taken up by sub-panels** that will relate to the allocation of budgets