



Neutrino phenomenology

Journée des nouveaux entrants
01/12/21

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▶ Cartagena





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Madrid (2017-2021)



Neutrino phenomenology



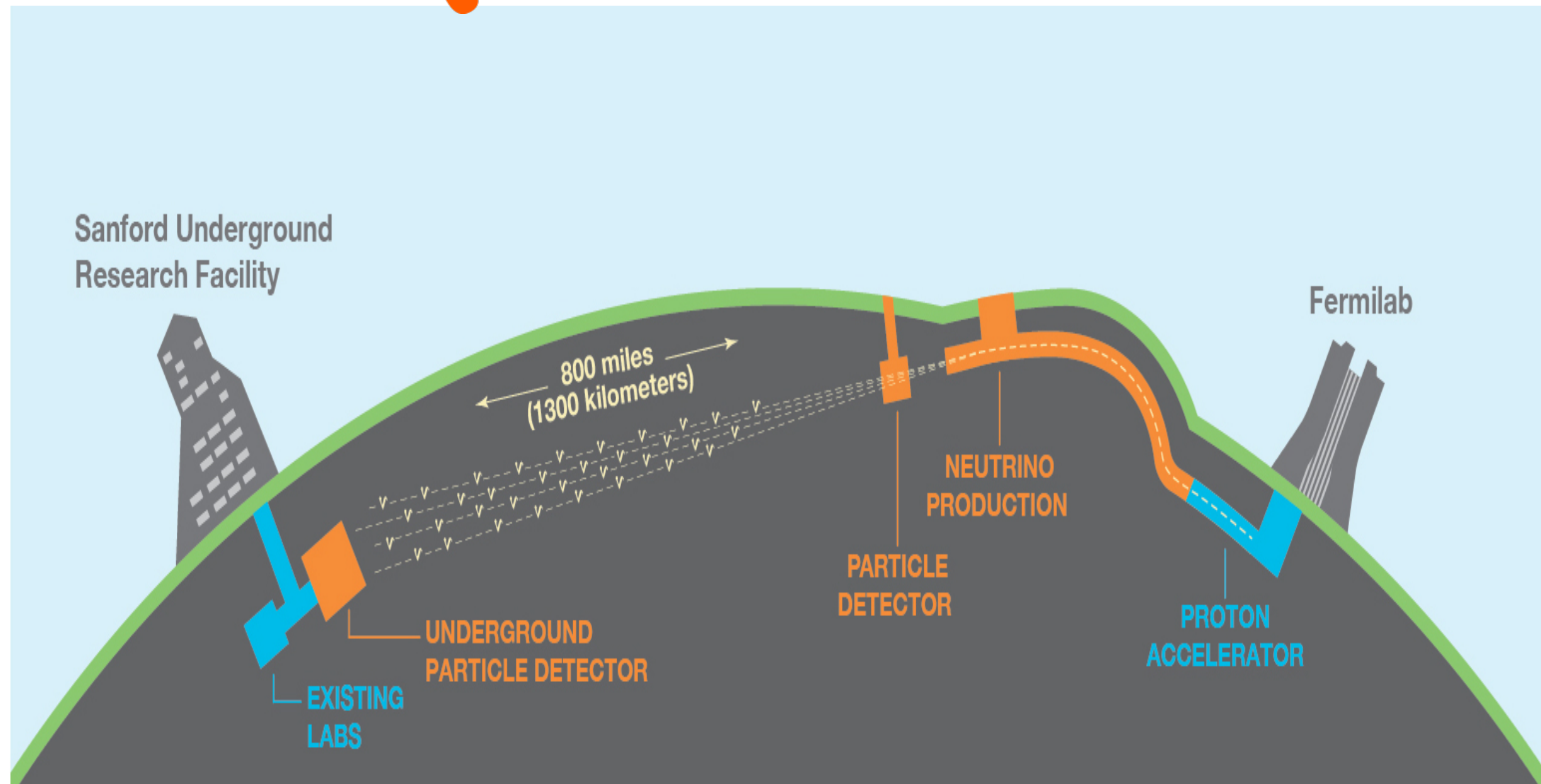
Observation of neutrino oscillations

Neutrinos do have a mass

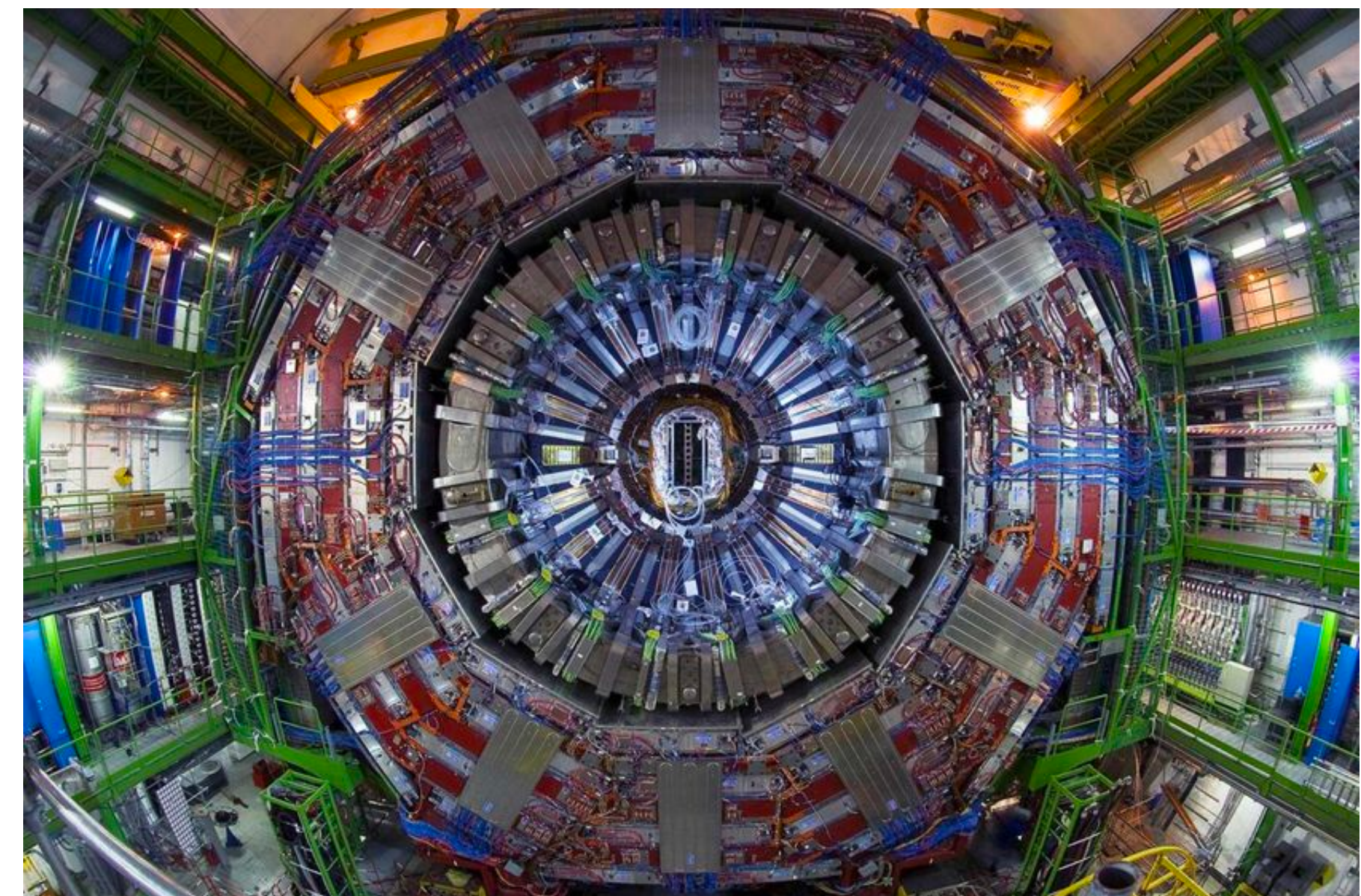
$$\nu_{\alpha} = \sum_i U_{\alpha i} \nu_i$$

Physics beyond the SM

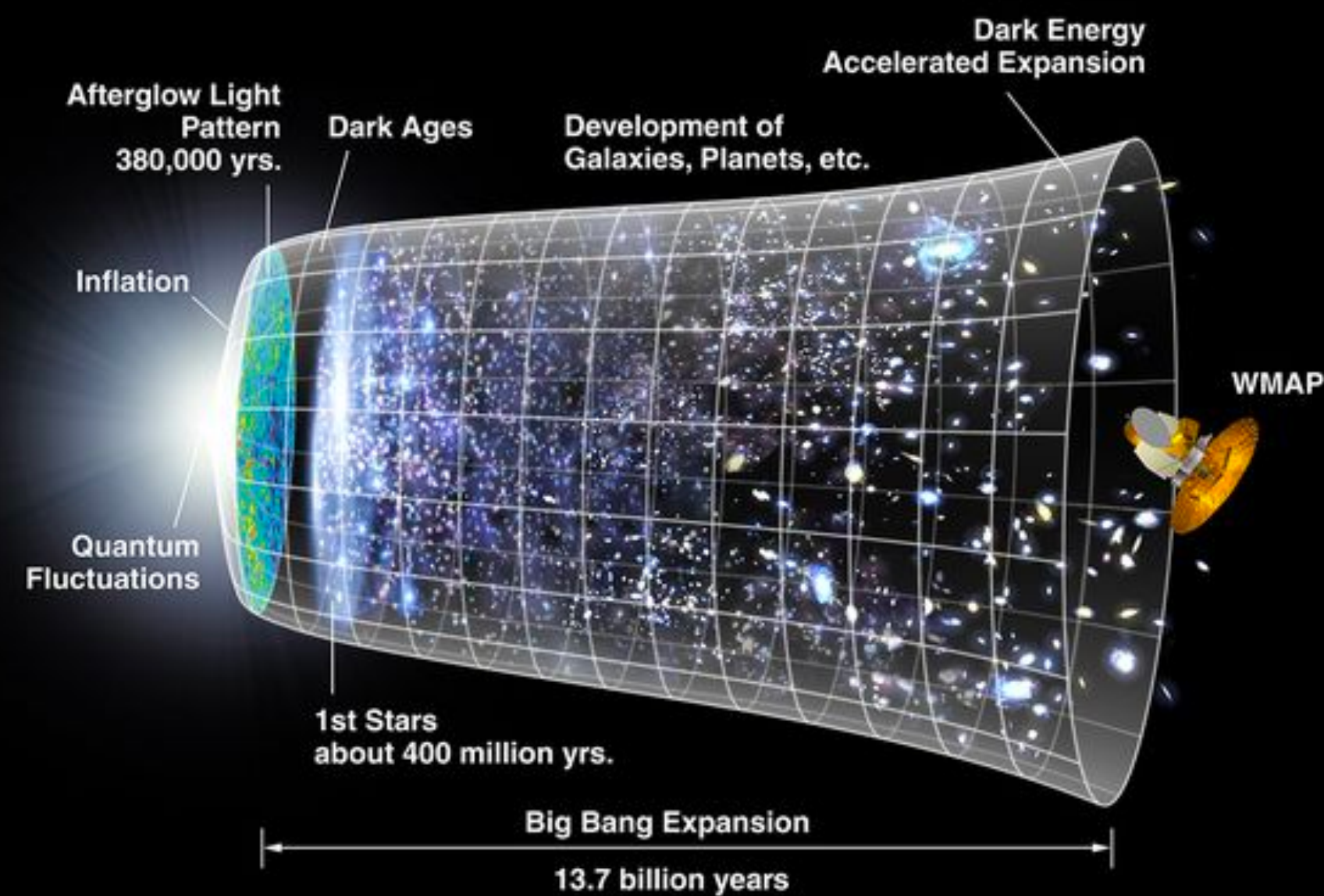
Neutrino phenomenology



Understand the neutrino sector
Search for BSM physics



Neutrino phenomenology



Study impact of NP in neutrinos on cosmological open question

- Dark matter
- Baryon asymmetry of the Universe

Thank you!