



# Session: contribution to European Strategy for Particle Physics (ESPP)

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IN2P3 has organised 4 WG to prepare a contribution to ESPP.

- Standard model and beyond
- Flavour physics and precision measurements
- **Neutrinos at accelerators**
- Heavy Ion collisions at CERN

2 responsables / WG (Jaime Dawson and D. Duchesneau for neutrinos)

⇒ Synthesis of all the contributions sent to IN2P3 by July

⇒ A contribution can be personal, from a project, a lab, **a community** or a group of persons

⇒ Today: discuss a possible contribution coming from the GDR

Neutrino with global and strategic views

APC

June 11<sup>th</sup> 2018



## Projects which fall into the Neutrino at accelerators WG topic

- T2K-Phase II (M. Zito)
- Auxiliary experiment: hadron production, neutrino cross sections (B. Popov)
- DUNE (D. Autiero)
- HK (M. Gonin)
- ESSnuSB (M. Dracos)
- Theoretical work (ex: modelisation of neutrino interaction) ?



## some ideas

- Recall the previous strategy: no neutrino beam in Europe but a CERN neutrino platform
- Crucial to pursue R&D and detector development for the future neutrino projects in the world
- Development of the theoretical activities on Neutrino at CERN (Theory working group (CENF-TH))
- Coherency of the projects and their scientific impacts