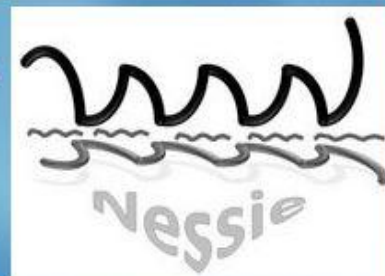


NESSiE

Neutrino Experiment with Spectrometers in Europe
...and in U.S.A. (FERMILAB)



Strategia coordinata per neutrino detectors & beam in Europa (ESP) e USA (P5):

‘R&D al CERN, esperimenti a FNAL’

NESSiE a caccia di *neutrini sterili* ➡ <http://arxiv.org/pdf/1204.5379.pdf>

- **NESSiE @CERN:** Esperimento approvato **WA104-NESSiE**
- **NESSiE@Fermilab:** Physics Proposal a **FNAL** (**PAC - P-1057**)

Sito WEB: <https://web.infn.it/NESSiE/>

Bibliografia :

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[Search for 'anomalies' from neutrino and anti-neutrino oscillations at \$\Delta m^2 \sim 1\text{eV}^2\$ with muon spectrometers and large LAr-TPC imaging detectors](http://arxiv.org/ftp/arxiv/papers/1203/1203.3432.pdf) [http://arxiv.org/ftp/arxiv/papers/1203/1203.3432.pdf]

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[Prospects for the measurement of muon-neutrino disappearance at the FNAL-Booster](http://arxiv.org/pdf/1404.2521.pdf) [http://arxiv.org/pdf/1404.2521.pdf]

[The NESSiE way to searches for sterile neutrinos at FNAL](http://arxiv.org/pdf/1410.3980v1.pdf) [http://arxiv.org/pdf/1410.3980v1.pdf]