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## Short baseline neutrino program in Argentina

We introduce the scientific opportunity that research reactors and nuclear power plants in Argentina represent for short baseline reactor neutrino experiments. Argentina has different kinds of nuclear reactors that can be accessible to perform a variety of experiments in diverse fields. There are research reactors aimed to function as radioisotopes generators, training facilities, R&D in neutron techniques, etc., and three Nuclear Power Plants (NPP) producing ~8% of the total power in Argentina. In this work we will be focusing on the characteristics of RA-3 (10 MWth, operational) and RA-10 (30 MWth, under construction), and CNAII (2175 MWth, NPP operational). We have look through different locations within these facilities, that could allows us to install a neutrino experiment very close to the reactor core (from 5 m to 12 m) with the unique opportunity to observe neutrino interaction in an unexplored eV range using Skipper-CCD detectors.

## Mini-abstract

Capabilities of reactor facilities in Argentina to perform short baseline neutrino experiments.

## **Experiment/Collaboration**

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