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# Solving the Sterile Neutrino Puzzle with ICARUS

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The ICARUS T600 LAr-TPC detector successfully ran for three years at the underground LNGS laboratories, performing a first sensitive search for LSND-like anomalous electron neutrino appearance in the CNGS beam. After a significant overhauling at CERN, the T600 detector has been placed in its experimental hall at Fermilab, where the cryogenic plant commissioning has been completed in April 2020 with the detector liquid argon filling. ICARUS is being put into operation to collect the first neutrino events from the Booster Neutrino Beam and NuMI off-axis beam. Searches for sterile neutrinos will then start in the framework of the SBN program, devoted to clarifying the open questions of the presently observed LSND-like neutrino anomalies.

## Summary

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