Contribution ID: 288 Type: Oral

## A search for corellation of neutrino events in the Borexino detector with transient astrophysical phenomena.

Wednesday, 3 July 2024 12:40 (20 minutes)

The Borexino detector was a low-background real-time liquid scintillator setup with primary focus on solar neutrino spectroscopy. The detector has been in operation since May of 2007 up until October of 2021 at the underground facilities of Gran-Sasso National Laboratory.

Here, we present the results of our search for correlations between Borexino signals and known astrophysical transients (such as fast radio bursts, gamma-ray bursts and gravitational waves) that has been registered within the same time period.

## **Section**

Neutrino physics and nuclear astrophysics

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Session Classification: Neutrino physics and nuclear astrophysics