

# High energy astrophysical neutrinos: Open questions and future prospects

*jeudi 12 décembre 2024 15:00 (30 minutes)*

The main goals of high-energy neutrino astronomy are to identify the sources of high-energy cosmic rays, particularly ultra-high-energy ones, and to provide information on the acceleration process and constraints on models of high-energy astronomical objects. The detection of high-energy astronomical neutrinos demonstrates the potential for achieving these goals. I will discuss what we have learned from current neutrino observations and the prospects for making progress on identifying the sources.

## Affiliation

**Orateur:** WAXMAN, Eli

**Classification de Session:** Neutrinos