

SNEWS

Super Nova Early Warning System

The SNEWS project is about being prepared for the next super nova to burst in the Milky Way. There should be three supernovas a century in our galaxy... we are overdue!

We have an advantage this time around: the neutrino detectors around the world have formed a network that will be ready and able to give a warning that a core-collapse super nova is in progress. Their warning will proceed the visual break out event by hours, maybe a day. Having eyes and instruments on the actual event is the prize: this is the photometric data that the scientists really want.

The warning will tell us that it is coming but only approximately where to look. We need observers to be prepared to respond to the alert. They need to point their scopes as directed, watch for the event, and report back!

The AAVSO is in collaboration with the SNEWS project to help rally and train observers on how to prepare. The focus of support is the High Energy Net Observing Section (<https://www.aavso.org/aavso-international-high-energy-network>) and <https://www.aavso.org/snews-campaign>.

The focus today is to get people to sign up as participants with the SNEWS program. We are looking for observers that are willing to respond to the signal (email, text, special phone app) and report their degree of preparedness: how soon can you get your scope on the target?

The fire drill planned for November will be before Thanksgiving. Please join us and learn how to be prepared for the most exciting science of your lifetime!

Go to <https://snews2.org/> and learn what is involved.

Go to <https://tinyurl/snews-firedrill> to sign up