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SNEWS

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The Supernova Early Warning System (SNEWS) is a network of neutrino and dark matter detectors which aims to detect coincident neutrino signals in multiple detectors and alert the worldwide observer community. It has been in automated operation since 2005, but is now undergoing a significant upgrade with goals including increasing sensitivity for both neutrino bursts as well as pre-supernova neutrinos, reducing alert latency, and providing real-time estimates of observationally relevant quantities such as direction and distance. It also aims to engage with follow-up communities to maximize the science from a galactic supernova.

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Classification de Session: Wavelengths and messengers