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## Gamma-ray limit on axion-like particles from supernovae

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In this talk I will present an update of the axion bounds from a supernova explosion based on the state-of-the-art simulations. I will update the bound of photon-axion coupling from the non-observation of gamma-rays in coincidence with the SN 1987A. I will discuss the perspective of improvement in the case of observation of a future supernova with Fermi-LAT satellite. I will also revisit the bound on axions from supernova cooling and I will discuss the impact on future supernova neutrino observations.

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