

Abstract Submitted  
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**Effects of density fluctuations on supernova neutrinos.** TANVIR RAHMAN, McGill, Long Island University — We have studied the effects of density fluctuations on supernova neutrinos by computing the expected neutrino flux from a future galactic supernova explosion. Our results show that for the most recent neutrino parameter space constraints, the expected neutrino flux is affected by possible stellar density fluctuations. Possible phenomenological implications are discussed.

Tanvir Rahman  
McGill University

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