

Abstract Submitted  
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**Propagation of neutrinos in hot and dense media** SAMINA MASOOD, University of Houston Clear Lake — We study the propagation of neutrinos in hot and dense media of stellar systems as well as in the very early universe. Our emphasis is on the study of the basic properties of neutrinos with tiny mass and their interactions with the hot and dense media. We also discuss the relevance of our results to astrophysics and cosmology.

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