

PHAROS Conference 2019: the multi-messenger physics and astrophysics of neutron stars



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Transport in neutron stars

I will give a review of transport properties of matter inside neutron stars and point out their significance for astrophysical observables. This includes various phases of the star, from the outer layers to the densest possible phases, such as deconfined quark matter. I will mostly focus on general methods and principles, but also discuss specific open questions for future research.

Primary author(s) : SCHMITT, Andreas (University of Southampton)

Presenter(s) : SCHMITT, Andreas (University of Southampton)