

Neutron stars: the equation of state, superconductivity/superfluidity and transport coefficients (PHAROS WG1+WG2 meeting)



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CompOSE

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CompOSE (CompStar Online Supernovae Equations of State) is a repository of equation-of-state (EoS) tables for use in astrophysical simulations like core-collapse supernovae or neutron-star mergers. They contain information on thermodynamic properties of compact-star matter, its chemical composition and on microscopic quantities. The data are stored in a simple but flexible format. In addition, programs are available for extracting original and derived data from the EoS tables according to the needs of the user. The service is accessible at compose.obspm.fr with additional information and online features. In this contribution the status of the projects will be presented and possible further developments and extensions will be discussed.

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