

# PHAROS Conference 2020: The multi-messenger physics and astrophysics of neutron stars



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## A Chandra proper motion for magnetar CXO J164710.2-455216

We report on a Chandra exposure of CXO J164710.2-455216 using the ACIS-S detector on the board totaling ~ 120 ks for three observations. By registration of field X-ray sources in archival exposure, we have measured a notable proper motion for the magnetar over a  $\approx 12.5$  yr baseline. We discuss the magnetic field evolution of the source as well as spin-down age.

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