

# The DR14 APOGEE-TGAS catalogue: Precise chemo-kinematics in the extended solar vicinity

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We describe the DR14 APOGEE-TGAS catalogue, a new SDSS value-added catalogue that provides precise astrophysical parameters, chemical abundances, astro-spectro- photometric distances and extinctions, as well as orbital parameters for 30, 000 APOGEE-TGAS stars, among them 5, 000 high-quality giant stars within 1 kpc. © 2018 International Astronomical Union.

astrometry

catalogs

Galaxy: stellar content

solar neighborhood

stars: abundances

stars: distances

stars: kinematics

stars: late-type