

Contributed Talk //

Other High-Energy Sources



David Buckley //
South African Astronomical Observatory (SAAO)

Session 3 //

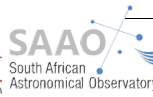
Wednesday, 6 September @ 15:30 SAST

In this talk I present an update on the enigmatic white dwarf pulsar, AR Scorpii, including results from the 2020 multi-wavelength campaign involving optical (SALT, Keck, SAAO), X-ray (NICER) and radio (MeerKAT) observations. The latter shows some evidence for both linear and circular polarized emission, in contrast to previous VLA observations, where only circular polarization was detected. On-going optical photometric and polarimetric campaigns have shown changes in the relative power of the beat period fundamental and harmonic frequencies, possibly supporting the idea that the white dwarf spin axis is precessing.

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