



Contribution ID: 336

Type: **Talk (preferred)**

Doppler perturbations of satellite observations by VHF ST radar

Friday 16 December 2022 09:00 (15 minutes)

The University of Adelaide's Buckland Park VHF radar site has observed unexpected perturbations in measurements of a satellite's radial velocity (Doppler). Fourier analysis and an algorithm have been applied to the data to link the perturbations to recorded ionospheric disturbances.

Author: JONKER, Jordan (University of Adelaide)

Co-authors: MACKINNON, Andrew; HOLDSWORTH, David; NEUDEGG, David; REID, Iain; CERVERA, Manuel; HARRIS, trevor (University of Adelaide)

Presenter: JONKER, Jordan (University of Adelaide)

Session Classification: AIP: Solar Terrestrial and Space Physics

Track Classification: AIP Congress: AIP: Solar Terrestrial and Space Physics