

Session Program

16-20 Sept 2025

HEASA 2025 (16 - 20 September)

Pulsars and Pulsar Wind Nebulae

Thursday 18 September

13:30

Pulsars and Pulsar Wind Nebulae

Session | **Convener:** Brian van Soelen

13:30-13:45

Dark matter search with a MeerKAT Pulsar Polarisation Array

Speaker

Dr Michael Sarkis

13:45-14:00

Modelling Pulsar Gamma-ray Light Curves using a Geometric Current Sheet Model

Speaker

Christo Venter

14:00-14:15

A Phase-Resolved Study of Bright Fermi-LAT Pulsars

Speaker

Ms Hend Hamed

14:15-14:30

Modelling the high-energy emission of the Vela pulsar as synchro-curvature radiation

Speaker

Dr Monica Barnard

14:30-14:45

MeerKAT Observations of White Dwarf Pulsars

Speaker

Emil Meintjes

14:45-15:00

Fermi-LAT Observations of fast rotating, magnetic white dwarfs J191213.72-441045.1 and EUVE J0317-85.5

Speaker

Lurgasho Minnie

15:00