

Session Program

16-20 Sept 2025

HEASA 2025 (16 - 20 September)

X-Ray and Gamma-Ray Binaries

Thursday 18 September

16:00

X-Ray and Gamma-Ray Binaries

Session | **Convener:** Christo Venter

16:00-16:15

Radiation Signatures of Electron Acceleration in the Decelerating Jet of MAXI J1348-630

Speaker

Aishwarya Sarath

16:15-16:30

Investigating the impact of circumstellar discs on the non-thermal emission of HESS J0632+057 and other Be gamma-ray binaries

Speaker

Natalie Matchett

16:30-16:45

The multi-wavelength behaviour of the gamma-ray binary PSR B1259-63/LS 2883 around the 2024 periastron passage

Speaker

Brian van Soelen

16:45-17:05

Radio/X-ray Monitoring of Two Gamma-ray Binaries: 1FGL J1018.6-5856 and LMC P3

Speaker

Andries Mathiba

17:05-17:20

Can γ -rays be detected from accretion-driven systems?

Speaker

Mr Spencer Tendai Madzime

17:20-17:35

Modeling Particle Acceleration and Multi-Wavelength Emission of a PeVatron microquasar V4641 Sgr

Speaker

Anton Dmytriiev

17:35