

**Session Program**

**9-15 Oct 2022**

**Tenth International Fermi Symposium**

***Parallel 4***

# Tuesday 11 October

14:00

## Parallel 4: Binaries

**Session** |

**Location:** Misty Hills Country Hotel, Conference Centre & Spa, Muldersdrift Estate, 69 Drift Blvd, Muldersdrift, Johannesburg, 1747 |

**Convener:** David Buckley

14:00–14:15

### Observation of the gamma-ray binary HESS J0632+057 with the H.E.S.S., MAGIC and VERITAS telescopes

**Speaker**

Daniela Hadasch

14:15–14:30

### The unexpected multiwavelength behaviour of PSR B1259-63 during 2021 periastron passage.

**Speaker**

Dr Masha Chernyakova

14:30–14:45

### Physical implications of gamma-ray emission from Cyg X-3

**Speaker**

Andrzej Zdziarski

14:45–15:00

### Gamma-gamma absorption in gamma-ray binaries

**Speaker**

Brian van Soelen

15:00–15:15

### Analysing the orbital solutions of the gamma-ray binary HESS J0632+057 with new radial velocity measurements from SALT

**Speaker**

Ms Natalie Matchett

15:15–15:30

### Shaken, not stirred: test particles in binary black hole mergers.

**Speaker**

Pieter Van der Merwe

15:30