

**Session Program**

**16-20 Sept 2025**

**HEASA 2025 (16 - 20 September)**

***AGN***

# Wednesday 17 September

13:30

## AGN: 1

Session | Convener: Hartmut Winkler

13:30–14:00

### High-energy cosmic neutrinos, supermassive black holes, and gravitational lensing

#### Speaker

Dr Silke Britzen

14:00–14:15

### X-Ray Polarization in Blazars

#### Speaker

Markus Boettcher

14:15–14:30

### Dissecting Blazar Emission with IXPE: A Polarimetric Survey of BL Lac Objects

#### Speaker

Athira M Bharathan

14:30–14:45

### Angle-dependent and polarization-sensitive synchrotron and SSC blazar model

#### Speaker

Motseothata Tisang

14:45–15:00

### Multi-Wavelength Study of Blazar PKS 0446+11 in connection with IceCube Neutrino Event IC240105A

#### Speaker

Rukaiya Khatoon

15:00–15:15

### Compton-induced $\gamma$ -ray cascade emissions in radio galaxy NGC 1275.

#### Speaker

Mfuphi Ntshatsha

15:15–15:30

### Disks, Jets, and Surprises: Exploring the X-ray Variability of Jetted AGNs (Blazars and Jetted NLSy1 Galaxies).

#### Speaker

Suvas Chaudhary

15:30

16:00

## AGN: 2

Session | Convener: Eli Kasai

16:00–16:15

### From Fermi to Fractals: Stochastic Particle Acceleration in Strong MHD Turbulence

#### Speaker

Frans van der Merwe

16:15–16:30

**Modelling Variability in the Emission and Polarization of Sub-Parsec Scale AGN Jets with 3D RMHD PLUTO Simulations****Speaker**

Izak van der Westhuizen

16:30–16:45

**The study of extended radio galaxies in MERGHERS fields****Speaker**

Banele Mthembu

16:45–17:00

**Radio continuum emission predominantly traces star-formation in radio-quiete active galactic nuclei****Speaker**

Mrs Thando Kekana

17:00–17:15

**The I Zw 1 type AGN: busy in X-rays but optically quiet****Speaker**

Hartmut Winkler

17:15–17:30

**Blazar Variability and Time Lags at Millimetre Wavelengths: Insights from Metsähovi and ALMA Monitoring****Speaker**

Hiiko Katjaita

17:30

# Friday 19 September

08:30

## AGN: 3

**Session** | **Convener:** Markus Boettcher

08:30–09:00

### Optical and Radio Follow-up of Ultra-High-Energy Neutrino Source Candidates

**Speaker**

Yulia Sotnikova

09:00–09:15

### Multiband studies of bright blazars sample with SAO RAS telescopes

**Speaker**

Dr Valery Vlasyuk

09:15–09:30

### Radio and Optical Properties of the Blazar PKS 1614+051 at $z=3.21$

**Speaker**

Alexander Mikhailov

09:30–09:45

### Hidden by a star: The redshift and the offset broad line of the flat-spectrum radio quasar PKS 0903-57

**Speaker**

Eli Kasai

09:45–10:00

### An Optical Spectropolarimetric Survey of TeV-emitting Blazars

**Speaker**

Joleen Barnard

10:00–10:15

### Two-zone modelling of the very bright and variable FSRQ 3C 279

**Speaker**

Dr Anna Luashvili

10:15–10:30

### Time-Dependent Leptonic Modeling of the High-Redshift Blazar 4C +01.02 Using Multiwavelength Observations

**Speaker**

Shruti Mukherjee

10:30–10:45

### Resolving acceleration to very high energies along the jet of Centaurus A, based on H.E.S.S. data from 2004 - 2016

**Speaker**

Ms Tuwiliika Simon

10:45