Session Program

18–22 Jan 2027



AGN Jets from Gamsberg to the Multi-Messenger Frontier

Jet and magnetic field structure

Windhoek, Namibia
Hage Geingob Campus Auditorium

Tuesday 19 January

09:00

Jet and magnetic field structure

Session | **Location:** Windhoek, Namibia, Hage Geingob Campus Auditorium

09:00–09:25 **[Invited talk] Magnetic fields in blazar jets**

Speaker
Talvikki Hovatta

09:25–09:40 **Probing magnetic fields in the jet of 3C 345 at unprecedented resolution**

Speaker
Felix Poetzl

09:40–09:55 **The Redshift Evolution of Magnetic Field Strengths in Blazars**

Speaker
Yura Lee

09:55–10:10 **Black hole jet dynamics and collimation across the mass range**

Speaker
Clara Lilje

10:10–10:25 **Understanding the Log-Normal Behavior of Optical Synchrotron Polarization in Blazars**

Speaker
Archana Singh

10:30

11:00

Jet and magnetic field structure

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11:00–11:15 **Probing the connection between γ-rays and jet structure in NRAO 150**

Speaker
Lena C. Debbrecht

11:15–11:30 **Measuring Core-Shifts in 25 AGN Jets**

Speaker
Joonas Suortti

11:30–11:45 **Simulations of Bending Jet Propagation Using the PLUTO Code**

Speaker
Kaitlyn Thurmond

11:45–12:00 **Rotation measures of black hole jet systems with ALMA Polarimetry**

Speaker
Mikael Turkki

12:00–12:15

A new look at old devils: Insights on classical radio galaxies from MeerKAT and uGMRT

Speaker
Portia Legodi

12:15–12:30

Non-uniform AGN-driven Outflows in the Young Radio Galaxy PKS 1345 + 12

Speaker
Philip Ekele Okobi

12:30–12:31

Probing the Magnetic and Energetic Structure of Relativistic Jets in X-ray Binaries with MeerKAT

Speaker
Pal Aggarwal

12:31