Session Program

15–18 Dec 2026



Congresso Nazionale Oggetti Compatti XIV

Black hole X-ray binaries

Wednesday 16 December

09:00

Black hole X-ray binaries: Black hole X-ray binaries

Session

09:00–09:20 **Relativistic jets from black hole X-ray binaries**

Speaker
Francesco Carotenuto

09:20–09:30 **The Jet Emitting Disk model: where do we stand?**

Speaker
Dr pierre-olivier petrucci

09:30–09:40
Probing compact jets in black hole X-ray binaries with the internal-shock model ISHEM

Speaker
Dr Carlotta Miceli

09:40–09:50
The Dynamics of BH XRB Jets with the Blast-Wave Model: the case of MAXI J1848-015

Speaker
Ms Maya Garbaccio Gili

09:50–10:00
Optical Polarization Across Outburst and Quiescence in the black hole X-ray binary V4641 Sgr

Speaker
Anita Maria Vena

10:00–10:10
MeerKAT detects jet-ISM interaction structures around X-ray binaries with possible gamma-ray counterparts!

Speaker
Isabella Mariani

10:10–10:20
Is the LHAASO "dumbbell" a microquasar remnant? A tentative interpretation of three unidentified UHE sources

Speaker
Dr Antonio Tutone

10:20–10:30
Tracing the evolution of giant radio flares in Cygnus X-3 from single-dish monitoring to VLBI imaging

Speaker
Dr Elise Marie Jeanne Egron

10:30

11:00

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11:00–11:20 **The innermost accretion flow in black hole X-ray binaries**

Speaker
Barbara De Marco

11:20–11:30 **The ultra-fast outflow of MAXI J1810-222**

Speaker
Melania Del Santo

11:30–11:40
A new eye on accreting compact objects: early SOXS spectroscopy of X-ray binaries

Speaker
Maria Cristina Baglio

11:40–11:50
Multiwavelength Observations of GX 339−4 in the Hard State: Investigating the Role of Jet Synchrotron Emission

Speaker
Srimanta Banerjee

11:50–12:00 **Multi-band correlation analysis of the low mass X-ray binary GX 339-4**

Speaker
Francesca Maria Guetti

12:00–12:10
Fast multi-wavelength correlated variability across accretion states in the 2021 and 2024 outbursts of GX 339-4

Speaker
Mr Aymeric Ferec

12:10–12:20
FLIP-FLOPS AND QPO SWITCHING IN GX 339–4 DURING THE 2021 AND 2024 NICER OUTBURSTS

Speaker
Federico Ferretti

12:20–12:30
Hunting for Steady, Luminous, Thermal Black Hole Disks in angle-dependent Rad-GRMHD simulations

Speaker
Maxime Parra

12:30

14:30

Black hole X-ray binaries

Session

14:30–14:40 **When spectral fits go wrong**

Speaker
Guglielmo Mastroserio

14:40–14:50

Revisiting the distance to 4U 1543-475 trough X-ray dust scattering rings

Speaker
Beatrice Vaia

14:50–15:00

The retirement party of GRS 1915+105: the radio fading to quiescence of the archetypal microquasar

Speaker
Sara Elisa Motta

15:00