

Session Program

14-19 Jun 2026

Active Galactic Nuclei XVI: A Sea of Discoveries

S4 - Binary and Dual AGN Systems: Studying the observational signatures, dynamics, and gravitational wave implications of closely separated and merging black hole systems

Brindisi, Sala Conferenze presso Autorità di Sistema Portuale

Tuesday 16 June

16:25

S4 - Binary and Dual AGN Systems: Studying the observational signatures, dynamics, and gravitational wave implications of closely separated and merging black hole systems

Session | **Location:** Brindisi, Sala Conferenze presso Autorità di Sistema Portuale

16:25-16:55

(Review) Dual and Binary AGN: observational signatures and connections to Gravitational-Waves

Speaker

Paola Severgnini

16:55-17:10

Multiple AGN systems at $z \sim 3$ revealed by JWST/NIRSpec IFU

Speaker

Dr Michele Perna

17:10-17:25

Dual AGN and where to find them

Speaker

Filippo Mannucci

17:25-17:40

Black Hole Growth in the Densest Regions of the Universe: AGN activity in protoclusters from Cosmic dawn to the present days

Speaker

Alberto Traina

17:45

Wednesday 17 June

09:30

S4 - Binary and Dual AGN Systems: Studying the observational signatures, dynamics, and gravitational wave implications of closely separated and merging black hole systems

Session | **Location:** Brindisi, Sala Conferenze presso Autorità di Sistema Portuale

09:30–09:50

(Highlight) Gravitational Waves from the Cosmic Dawn: Tracing Cosmic Black Hole Binaries with ET, LGWA and LISA

Speaker

Rosa Valiante

09:50–10:05

Dual AGN at Cosmic Noon: Bridging Observations and Theory with the First Statistical Sample

Speaker

Martina Scialpi

10:05–10:20

MBH pairs below 100 pc (and more?): toward robust detection strategies

Speaker

Fabio Rigamonti

10:20–10:35

Did We Just Confirm a Gravitational Wave Recoiling Black Hole in 3C 186?

Speaker

Marco Chiaberge

10:35–10:50

The role of major mergers in triggering super-Eddington accretion

Speaker

Riccardo Caleno

10:50