

# Sun, June 14

6:00 PM

**Registration Desk & Welcome Cocktail at Santa Spazio Culturale (Yeahjasi) - Ex convento di Santa Chiara**  
Contribution

8:00 PM

6:30 PM

**Social events: Presentation EVOOS Project and Piano Concert**  
Session

6:30 - 7:00 PM

**Presentation: EVOOS Project (Extra-Virgin Olive Oil in Space) - Featuring Giovanni Ripa (President of Coldiretti Brindisi)**

7:00 - 8:00 PM

**Piano Concert: Aksinja Gioia**

8:00 PM

8:00 PM

**Social events: Claudia Di Cera: "Archeoastronomia: un viaggio, scientifico, nell'archeoastronomia"**  
Session

8:20 PM

# Mon, June 15

8:30 AM

## Registration

Contribution

9:15 AM

9:15 AM

## Institutional Welcomes and Opening Remarks

Session | Convener: Paola Marziani (Istituto Nazionale di Astrofisica (INAF))

9:15 - 9:30 AM

### Institutional Welcomes (Mayor of Brindisi)

#### Speaker

Giuseppe Marchionna

9:30 - 9:45 AM

### SEZIONE INAF Università del Salento

#### Speaker

Prof. Francesco Strafella

9:45 - 10:15 AM

### Opening Remarks

#### Speaker

Fabrizio Fiore

10:15 AM

10:15 AM

## S1 - Black Hole Accretion and Outflows: Focusing on the physics of accretion disks, the mechanisms driving high-velocity winds, and the geometry of circumnuclear regions

Session | Convener: Paola Marziani (Istituto Nazionale di Astrofisica (INAF))

10:15 - 10:45 AM

### (Review) The X-ray Corona and its dependence on AGN Accretion Properties

#### Speaker

Prof. Claudio Ricci (University of Geneva)

10:45 - 11:00 AM

### Tracing disc-corona coupling and ionising output of quasars across the Lx-Luv plane

#### Speaker

Susanna Bisogni (INAF-IASF Milano)

11:00 AM

11:00 AM

## Coffee break

Break

11:30 AM

11:30 AM

## S1 - Black Hole Accretion and Outflows: Focusing on the physics of accretion disks, the mechanisms driving high-velocity winds, and the geometry of circumnuclear regions

Session | Convener: Paola Marziani (Istituto Nazionale di Astrofisica (INAF))

11:30 - 11:50 AM

### (Highlight) The Quasar X-ray View at the Epoch of Reionization: Implications for Early Black Hole Accretion, AGN Emissivity, and Future Surveys

**Speaker**  
Luca Zappacosta (Istituto Nazionale di Astrofisica (INAF))

11:50 AM - 12:05 PM

**Outflows and Radio-Quiet AGN: Radio Emission as a Feedback Tracer Across Cosmic Time**

**Speaker**  
Elisa Amenta (Istituto Nazionale di Astrofisica (INAF))

12:05 - 12:20 PM

**New X-ray Insights on the Torus Geometry and AGN Self-Regulation Processes**

**Speaker**  
Stefano Marchesi (Università di Bologna)

12:20 - 12:35 PM

**Cosmic Tides: Relativistic Disk Winds and the Accretion-Ejection Coupling in AGN**

**Speaker**  
Prof. Francesco Tombesi (Tor Vergata University of Rome & INAF)

12:35 - 12:50 PM

**Unveiling BLR Scale Outflows: Models for the Era of High Resolution X-ray Spectroscopy**

**Speaker**  
Scott Hagen (Istituto Nazionale di Astrofisica (INAF))

12:50 - 1:05 PM

**First time-evolving ionisation analysis of the X-ray spectrum of NGC 4051: energetic, distance and a Broad Line-wind unification scenario**

**Speaker**  
Alfredo Luminari (Istituto Nazionale di Astrofisica (INAF))

1:05 PM

1:05 PM

**Lunch break (lunch is not provided as part of the event)**

**Break**

2:30 PM

2:30 PM

**S1 - Black Hole Accretion and Outflows: Focusing on the physics of accretion disks, the mechanisms driving high-velocity winds, and the geometry of circumnuclear regions**

**Session | Convener:** Alessandra Lamastra (Istituto Nazionale di Astrofisica (INAF))

2:30 - 2:45 PM

**Discovery of ultra-fast outflows with  $v_{out} > 0.3c$  in local, bright AGN**

**Speaker**  
Ms Laura Borrelli

2:45 - 3:00 PM

**Beyond the dust: probing AGN-driven molecular outflows and phase-dependent extinction in ULIRGs**

**Speaker**  
Giovanna Speranza (Istituto de física fundamental (IFF, CSIC))

3:00 - 3:15 PM

**Decoupling Line and Continuum Variability: Evidence for Disc Truncation in High-Accretion Quasars**

	<p><b>Speaker</b> Dr Chiara Niccolai (Scuola Superiore Meridionale)</p>
	<p>3:15 - 3:30 PM <b>Directly tracking the accretion disc formation around a supermassive black hole</b> <b>Speaker</b> Dr Riccardo Middei (INAF-OAR)</p>
	<p>3:30 - 3:45 PM <b>X-ray polarization in Radio-Quiet AGN: insights from the Wedge Corona model</b> <b>Speaker</b> Daniele Tagliacozzo (Università degli Studi Roma Tre)</p>
3:45 PM	<p><b>Coffee break</b> <b>Break</b></p>
3:45 PM	
4:15 PM	<p><b>S2 - Relativistic Jets and Particle Acceleration: Investigating the launching, collimation, and energetic processes within relativistic jets, including their composition and impact</b> <b>Session   Convener:</b> Alessandra Lamastra (Istituto Nazionale di Astrofisica (INAF))</p>
4:15 PM	<p>4:15 - 4:35 PM <b>(Highlight) The Accretion-Ejection Mechanism in Low-Power Radio AGN</b> <b>Speaker</b> Ranieri Diego Baldi (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>4:35 - 4:50 PM <b>The life cycle of relativistic jets: low-power radio sources in the spotlight</b> <b>Speaker</b> Monica Orienti (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>4:50 - 5:05 PM <b>From compact to giant: the lives of radio AGN on the smallest and largest scales</b> <b>Speaker</b> Kathleen Kelly Lindiwe Charlton (Istituto Nazionale di Astrofisica (INAF))</p>
5:05 PM	<p><b>S9 - Current and Future Facilities for AGN Science: Discussing the implementation and scientific exploitation of major current and future space-based and ground-based facilities with Italian involvement, focusing on maximizing their impact on AGN studies</b> <b>Session   Convener:</b> Alessandra Lamastra (Istituto Nazionale di Astrofisica (INAF))</p>
5:05 PM	
5:25 PM	<p>5:05 - 5:25 PM <b>(Highlight) Millimeter and Infrared Probes of Active Galactic Nuclei: From ALMA to the Future Infrared mission PRIMA</b> <b>Speaker</b> Francesca Pozzi (University of Bologna)</p>

6:30 PM

## Social events: Brindisi city tour & Football match

Session

6:30 - 8:00 PM

**Brindisi City Tour - Departing from Palazzo Nervegna (Italian & English)**

7:00 - 8:00 PM

**Football match**

8:00 PM

## Tue, June 16

9:30 AM

### S7 - The Early Growth of Supermassive Black Holes: Examining the formation, growth rates, and census of SMBHs in the high-redshift universe ( $z > 6$ ) and their role in cosmic reionization

Session | Convener: Dr Fabrizio Fiore (Istituto Nazionale di Astrofisica (INAF))

9:30 - 10:00 AM

#### (Review) The Formation and Early Growth of Supermassive Black Holes

**Speaker**

Roberto Maiolino (University of Cambridge)

10:00 AM

10:00 AM

### S2 - Relativistic Jets and Particle Acceleration: Investigating the launching, collimation, and energetic processes within relativistic jets, including their composition and impact

Session | Convener: Dr Fabrizio Fiore (Istituto Nazionale di Astrofisica (INAF))

10:00 - 10:30 AM

#### (Review) Dynamics, dissipation and emission of relativistic jets: new observational clues and theoretical scenarios.

**Speaker**

Fabrizio Tavecchio (Istituto Nazionale di Astrofisica (INAF))

10:30 - 10:45 AM

#### A detailed study of the radio-gamma connection in a large sample of 4LAC AGNs

**Speaker**

Alessandro Paggi

10:45 - 11:00 AM

#### Tracing the end of AGN jets: the first large sample of remnant radio galaxies

**Speaker**

Marisa Brienza (Istituto Nazionale di Astrofisica (INAF))

11:00 AM

11:00 AM

### Coffee break

Break

11:30 AM

11:30 AM

### S2 - Relativistic Jets and Particle Acceleration: Investigating the launching, collimation, and energetic processes within relativistic jets, including their composition and impact

Session | Convener: Dr Fabrizio Fiore (Istituto Nazionale di Astrofisica (INAF))

11:30 - 11:45 AM

#### Modeling of multi-zone Synchrotron polarization of blazars: insights from new data and connection to particle acceleration

**Speaker**

Andrea Tramacere

11:45 AM - 12:00 PM

**Unveiling the Physics of Blazar Emission Through Quasi-Periodic Oscillations Studies****Speaker**

Alba Rico

12:00 - 12:15 PM

**A FLASH on Blazars: mapping relativistic jets from MHz radio to GeV gamma rays with SKA pathfinders****Speaker**

Meriem Behiri

12:15 PM

12:15 PM

**S3 - Black Holes Across the Mass Scale and Time-Domain Probes: Exploring the accretion and ejection coupling through analogies and differences between supermassive black holes (SMBHs), intermediate and stellar-mass compact objects and through transient sources****Session** | **Convener:** Dr Fabrizio Fiore (Istituto Nazionale di Astrofisica (INAF))

12:15 - 12:45 PM

**(Review) Accretion and jets in X-ray binaries****Speaker**

Sara Elisa Motta (Istituto Nazionale di Astrofisica (INAF))

12:45 PM

12:45 PM

**Il divario di genere nella scienza****Contribution**

1:05 PM

1:05 PM

**Lunch break (lunch is not provided as part of the event)****Break**

2:30 PM

2:30 PM

**S3 - Black Holes Across the Mass Scale and Time-Domain Probes: Exploring the accretion and ejection coupling through analogies and differences between supermassive black holes (SMBHs), intermediate and stellar-mass compact objects and through transient sources****Session** | **Convener:** Angela Malizia (Istituto Nazionale di Astrofisica (INAF))

2:30 - 2:50 PM

**(Highlight) Transient Probes of Intermediate-Mass Black Holes: TDEs and QPEs****Speaker**

Elisa Bortolas

2:50 - 3:05 PM

**A fundamental plane of black hole accretion in the millimetre****Speaker**

Dr Ilaria Ruffa (INAF - OAA)

3:05 - 3:20 PM

**Rising Tides in Active Galaxies: Nuclear Transients and Episodic Activity in NGC 7213, AT2021hdr, and SDSS J1335+0728****Speaker**

Dr Gabriele Bruni (INAF - Istituto di Astrofisica e Planetologia Spaziali)

3:20 - 3:35 PM

**Feeding a Black Hole with a star: Tidal Disruption Events in the Time Domain Astronomy Golden Age**

	<p><b>Speaker</b> Francesca Onori (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>3:35 - 3:50 PM <b>HLX-1: a TDE on an Intermediate-Mass Black Hole?</b></p>
3:50 PM	<p><b>Speaker</b> Ms Maya Garbaccio Gili (Istituto Nazionale di Astrofisica (INAF))</p>
3:50 PM	<p><b>S3 - Black Holes Across the Mass Scale and Time-Domain Probes: Exploring the accretion and ejection coupling through analogies and differences between supermassive black holes (SMBHs), intermediate and stellar-mass compact objects and through transient sources</b> Session   Convener: Angela Malizia (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>3:50 - 4:05 PM</p> <p><b>The Timedomes project: probing AGN populations through legacy optical monitoring campaigns.</b></p>
	<p><b>Speaker</b> Maurizio Paolillo (Università di Napoli Federico II)</p>
4:20 PM	<p>4:05 - 4:20 PM <b>Coffee break</b></p>
4:20 PM	<p><b>S4 - Binary and Dual AGN Systems: Studying the observational signatures, dynamics, and gravitational wave implications of closely separated and merging black hole systems</b> Session   Convener: Angela Malizia (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>4:20 - 4:50 PM</p> <p><b>(Review) Dual and Binary AGN: observational signatures and connections to Gravitational-Waves</b></p>
	<p><b>Speaker</b> Paola Severgnini (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>4:50 - 5:05 PM <b>Multiple AGN systems at <math>z \sim 3</math> revealed by JWST/NIRSpec IFU</b></p>
	<p><b>Speaker</b> Dr Michele Perna (Centro de Astrobiología (CAB), INTA-CSIC)</p>
	<p>5:05 - 5:20 PM <b>Dual AGN and where to find them</b></p>
	<p><b>Speaker</b> Filippo Mannucci (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>5:20 - 5:35 PM</p> <p><b>Black Hole Growth in the Densest Regions of the Universe: AGN activity in protoclusters from Cosmic dawn to the present days</b></p>
5:40 PM	<p><b>Speaker</b> Alberto Traina (Istituto Nazionale di Astrofisica (INAF))</p>
6:30 PM	<p><b>Social events: Public Lecture (Palazzo Nervegna) - Prof. Roberto Maiolino "La nascita e l'evoluzione di stelle, galassie e buchi neri attraverso le epoche cosmiche"</b> Session</p>
8:00 PM	

## Wed, June 17

9:30 AM

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

Session | Convener: Viola Allevato (Istituto Nazionale di Astrofisica (INAF))

9:30 - 9:50 AM

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

Speaker

Rosa Valiante

9:50 - 10:05 AM

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

Speaker

Martina Scialpi (Università di Firenze, Università di Trento, INAF/OAA)

10:05 - 10:20 AM

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

Speaker

Fabio Rigamonti

10:20 - 10:35 AM

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

Speaker

Marco Chiaberge

10:35 - 10:50 AM

#### The role of major mergers in triggering super-Eddington accretion

Speaker

Riccardo Caleno (Sapienza Università di Roma)

10:50 AM

10:50 AM

### Coffee break

Break

11:15 AM

11:15 AM

### Poster Session 1

Session | Convener: Viola Allevato (Istituto Nazionale di Astrofisica (INAF))

12:00 PM

12:00 PM

### S5 - Multi-Messenger: Leveraging variability studies, gravitational waves, and high-energy neutrinos (multi-messenger astronomy) to understand the immediate vicinity of the central engine

Session | Convener: Viola Allevato (Istituto Nazionale di Astrofisica (INAF))

12:00 - 12:30 PM

#### (Review) Cosmic-Ray Acceleration and Hidden Neutrino Production in Seyfert Galaxies

	<p><b>Speaker</b> Enrico Peretti</p>
	<p>12:30 - 12:45 PM</p> <p><b>A VHE gamma-ray perspective of Neutrino emitting Seyfert candidates</b></p> <p><b>Speaker</b> Sweta Menon (Istituto Nazionale di Astrofisica (INAF))</p>
	<p>12:45 - 1:00 PM</p> <p><b>All they know is what they are not: the accretion of neutrino-emitting blazars</b></p> <p><b>Speaker</b> Gaia Delucchi (Istituto Nazionale di Astrofisica (INAF))</p>
1:00 PM	
1:00 PM	<p><b>Lunch break (lunch is not provided as part of the event)</b></p> <p><b>Break</b></p>
2:30 PM	
2:30 PM	<p><b>Poster Session 2</b></p> <p><b>Session</b>   <b>Convener:</b> Andrea Merloni</p>
3:00 PM	
3:00 PM	<p><b>S5 - Multi-Messenger: Leveraging variability studies, gravitational waves, and high-energy neutrinos (multi-messenger astronomy) to understand the immediate vicinity of the central engine</b></p> <p><b>Session</b></p>
	<p>3:00 - 3:20 PM <b>(Highlight) Extragalactic cosmic rays</b></p> <p><b>Speaker</b> Stefano Gabici</p>
3:20 PM	
3:20 PM	<p><b>S6 - AGN Feedback and the Host Galaxy: Analyzing how AGN energy output (kinetic and radiative feedback) impacts star formation and gas distribution within the host galaxy and its surrounding dark matter halo</b></p> <p><b>Session</b>   <b>Convener:</b> Andrea Merloni</p>
	<p>3:20 - 3:50 PM</p> <p><b>(Review) Exploring the impact of (radio) AGN on galactic scales by tracing different phases of the gas</b></p> <p><b>Speaker</b> Raffaella Morganti (ASTRON/Kapteyn Institute)</p>
3:50 PM	
3:50 PM	<p><b>Coffee break</b></p> <p><b>Break</b></p>
4:20 PM	
4:20 PM	<p><b>S6 - AGN Feedback and the Host Galaxy: Analyzing how AGN energy output (kinetic and radiative feedback) impacts star formation and gas distribution within the host galaxy and its surrounding dark matter halo</b></p> <p><b>Session</b>   <b>Convener:</b> Andrea Merloni</p>
	<p>4:20 - 4:40 PM</p> <p><b>(Highlight) The physical properties, acceleration mechanism and impact of AGN outflows from low to high redshift</b></p>

**Speaker**

Giovanni Cresci (Istituto Nazionale di Astrofisica (INAF))

4:40 - 4:55 PM

**Unveiling the driving mechanism of AGN-driven outflows: a multi-wavelength perspective****Speaker**

Dr Cosimo Marconcini (Istituto Nazionale di Astrofisica (INAF))

4:55 - 5:10 PM

**Disrupting the ISM: How AGN Feedback Reshapes Molecular Gas Clumpiness****Speaker**

Federico Esposito (Observatorio Astronómico Nacional (OAN-IGN, Madrid))

5:10 - 5:25 PM

**Unveiling the role of multi-phase AGN outflows with MIRACLE****Speaker**

Matteo Ceci (Università di Firenze)

5:25 PM

6:30 PM

**Social events****Session**

6:30 - 7:00 PM

**Meet at Autorità Portuale to get to Castello Alfonsino**

7:00 - 8:30 PM

**Visit to Castello Alfonsino**

8:30 - 10:30 PM

**Social Dinner at "Al Porticciolo" Restaurant**

10:30 - 10:35 PM

**Bus back to Autorità Portuale**

10:35 PM

## Thu, June 18

9:30 AM

### S6 - AGN Feedback and the Host Galaxy: Analyzing how AGN energy output (kinetic and radiative feedback) impacts star formation and gas distribution within the host galaxy and its surrounding dark matter halo

Session | Convener: Guido Risaliti (Università di Firenze. Dipartimento di fisica e astronomia)

9:30 - 10:00 AM

#### (Review) Probing the link between dense environment and SMBH growth at high redshift

**Speaker**

Fabio Vito (Istituto Nazionale di Astrofisica (INAF))

10:00 - 10:15 AM

#### An HIPER view of AGN feedback on the gas reservoirs at cosmic noon

**Speaker**

Elena Bertola (Istituto Nazionale di Astrofisica (INAF))

10:15 - 10:30 AM

#### Gentle but Persistent: Shock-Driven Feedback in Low-Accreting Black Holes

**Speaker**

Ivan Ezequiel Lopez (Istituto Nazionale di Astrofisica (INAF))

10:30 - 10:45 AM

#### Cracking the quasar accretion puzzle: a thin disc and an intrinsically narrow Eddington ratio distribution are enough

**Speaker**

Bartolomeo Trefoloni (Scuola Normale Superiore)

10:45 - 11:00 AM

#### From Ultra-Fast Winds to Galaxy-Scale Feedback: a multi-phase energy-conserving outflow in IRAS 17020+4544

**Speaker**

Enrica Bellocchi (Universidad Complutense de Madrid - IPARCOS)

11:00 AM

11:00 AM

### Coffee break

Break

11:30 AM

11:30 AM

### S7 - The Early Growth of Supermassive Black Holes: Examining the formation, growth rates, and census of SMBHs in the high-redshift universe ( $z > 6$ ) and their role in cosmic reionization

Session | Convener: Guido Risaliti (Università di Firenze. Dipartimento di fisica e astronomia)

11:30 - 11:50 AM

#### (Highlight) Pushing the redshift frontier: Discovery and Characterization of Quasars at Cosmic Dawn with Euclid

**Speaker**

Silvia Belladitta (Max Planck Institute for Astronomy)

	<p><b>11:50 AM - 12:05 PM</b> <b>AGN-heated dust revealed in (most) Little Red Dots</b></p> <p><b>Speaker</b> Dr Ivan Delvecchio (INAF-OAS)</p>
	<p><b>12:05 - 12:20 PM</b></p> <p><b>Independent evidence for evolving dark energy from high-redshift AGN probes</b></p> <p><b>Speaker</b> Elisabeta Lusso (Università di Firenze. Dipartimento di fisica e astronomia)</p>
	<p><b>12:20 - 12:35 PM</b></p> <p><b>The AGN Luminosity Function at <math>z \sim 4</math> from the QUBRICS and DESI surveys</b></p> <p><b>Speaker</b> Andrea Grazian (Istituto Nazionale di Astrofisica (INAF))</p>
	<p><b>12:35 - 12:50 PM</b> <b>Out of Place: Evidence for an Off-Center Black Hole at <math>z = 7.2</math></b></p> <p><b>Speaker</b> Sandra Zamora (Scuola Normale Superiore di Pisa)</p>
	<p><b>12:50 - 1:05 PM</b></p> <p><b>The WISSHFUL XMM Heritage Program: probing accretion and ejection in luminous QSOs at Cosmic Noon</b></p> <p><b>Speaker</b> Dr Giorgio Lanzuisi (INAF-OAS)</p>
1:05 PM	
1:05 PM	
2:30 PM	
2:30 PM	
	<p><b>Lunch break (lunch is not provided as part of the event)</b></p> <p><b>Break</b></p>
	<p><b>Social events: Torre Guaceto Nature Reserve &amp; Dinner at "Fra' Diavolo" Session</b></p>
	<p><b>2:30 - 3:30 PM</b></p> <p><b>Meet at Autorità Portuale to take a bus to Torre Guaceto Nature Reserve (visit &amp; swim)</b></p>
	<p><b>3:30 - 7:30 PM</b> <b>Excursion: Trip to Torre Guaceto Nature Reserve</b></p>
	<p><b>8:00 - 10:30 PM</b> <b>Dinner at "Fra' Diavolo" (near Torre Guaceto Nature Reserve)</b></p>
10:35 PM	<p><b>10:30 - 10:35 PM</b> <b>Bus back to Autorità Portuale</b></p>

## Fri, June 19

10:00 AM

### S8 - Cosmological Implications and Large-Scale Environment: Discussing the role of AGN in structure formation and galaxy evolution models, including the effect of the large-scale environment on AGN activity

Session | Convener: Tullia Sbarrato (Istituto Nazionale di Astrofisica (INAF))

10:00 - 10:20 AM

#### (Highlight) The LX-LUV relation in quasars - A New Sample

##### Speaker

Matilde Signorini (Istituto Nazionale di Astrofisica (INAF))

10:20 - 10:35 AM

#### The "Menus" of SMBHs in the most massive galaxies: hot, warm, or cold gas?

##### Speaker

Dr Francesco Ubertosi (Università di Bologna)

10:35 - 10:50 AM

#### Quantifying the AGN enhancement in $z > 2$ protoclusters

##### Speaker

Monica Natalia Isla Llave (Istituto Nazionale di Astrofisica (INAF))

10:50 - 11:05 AM

#### Bright Beacons in the Cosmic Web: Cosmology with QUBRICS

##### Speaker

Stefano Cristiani

11:05 AM

11:05 AM

### Coffee break

Break

11:35 AM

11:35 AM

### S8 - Cosmological Implications and Large-Scale Environment: Discussing the role of AGN in structure formation and galaxy evolution models, including the effect of the large-scale environment on AGN activity

Session | Convener: Tullia Sbarrato (Istituto Nazionale di Astrofisica (INAF))

11:35 - 11:50 AM

#### First results from the Study of Quasar Environment at Early-z Epochs (SQUEEzE)

##### Speaker

Virginia Lucia Cavicchi (Istituto Nazionale di Astrofisica (INAF))

11:50 AM - 12:05 PM

#### HIDE AND SEEK: cosmic evolution of the ISM and its implications for nuclear obscuration.

##### Speaker

Lucia Fiorani (Università di Bologna)

12:05 - 12:20 PM

#### Exploring radio processes in hyperluminous quasars at cosmic noon

##### Speaker

Matteo Fanelli (Istituto Nazionale di Astrofisica (INAF))

<p>12:20 - 12:35 PM</p> <p>12:35 PM</p>	<p><b>12:20 - 12:35 PM</b></p> <p><b>Early Black Hole Growth via Super-Eddington Accretion: insights from High-Resolution Simulations</b></p> <p><b>Speaker</b> Alessandro Trinca</p>
<p>12:35 PM</p>	<p><b>S9 - Current and Future Facilities for AGN Science: Discussing the implementation and scientific exploitation of major current and future space-based and ground-based facilities with Italian involvement, focusing on maximizing their impact on AGN studies</b></p> <p><b>Session   Convener:</b> Tullia Sbarrato (Istituto Nazionale di Astrofisica (INAF))</p>
<p>12:35 - 12:55 PM</p> <p>12:55 PM</p>	<p><b>12:35 - 12:55 PM</b></p> <p><b>(Highlight) The Cherenkov Telescope Array Observatory and its gamma-ray view on Active Galactic Nuclei</b></p> <p><b>Speaker</b> Giacomo Bonnoli (Istituto Nazionale di Astrofisica (INAF))</p>
<p>12:55 PM</p> <p>2:20 PM</p>	<p><b>Lunch break (lunch is not provided as part of the event)</b></p> <p><b>Break</b></p>
<p>2:20 PM</p> <p>4:20 PM</p>	<p><b>S9 - Current and Future Facilities for AGN Science: Discussing the implementation and scientific exploitation of major current and future space-based and ground-based facilities with Italian involvement, focusing on maximizing their impact on AGN studies</b></p> <p><b>Session   Convener:</b> Prof. Cristian Vignali (Dipartimento di Fisica e Astronomia, Università di Bologna)</p> <p><b>2:20 - 2:40 PM</b> <b>Winds of Change: XRISM-Resolve X-ray spectroscopy of NGC 4051</b></p> <p><b>Speaker</b> Valentina Braito (Istituto Nazionale di Astrofisica (INAF))</p> <p><b>2:40 - 3:00 PM</b> <b>(Highlight) Investigating AGN in the SKA Era</b></p> <p><b>Speaker</b> Isabella Prandoni (Istituto Nazionale di Astrofisica (INAF))</p> <p><b>3:00 - 3:20 PM</b> <b>(Highlight) NewAthena</b></p> <p><b>Speaker</b> Luigi Piro (Istituto Nazionale di Astrofisica (INAF))</p> <p><b>3:20 - 3:40 PM</b></p> <p><b>(Highlight) KM3NeT/ARCA: status, recent results and perspectives for AGN studies</b></p> <p><b>Speaker</b> Dr Simone Biagi (INFN, Laboratori Nazionali del Sud)</p> <p><b>3:40 - 4:00 PM</b></p> <p><b>(Highlight) The IXPE revolution in AGN: from the hot corona to the torus</b></p> <p><b>Speaker</b> Dr Vittoria Elvezia Gianolli (Clemson University)</p> <p><b>4:00 - 4:20 PM</b> <b>(Highlight) The AGN content in eRASS/DR1 and eRASS/DR2</b></p> <p><b>Speaker</b> Mara Salvato (MPE)</p>

4:20 PM

## Closing Remarks and End of Conference

**Session** | **Convener:** Prof. Cristian Vignali (Dipartimento di Fisica e Astronomia, Università di Bologna)

4:50 PM

4:20 - 4:50 PM **Concluding remarks**

**Speaker**

Andrea Merloni

9:00 PM

## Social events: Teatro Scienza Special Event - "Crazy Space" - Teatro Verdi (Brindisi)

10:30 PM

**Session**