

## YAGN17 Meeting -- Scientific Programme

**Monday**

**October 23rd**

**High-z 1: Seeds and high-z AGN**

9:00 - 9:30	Rosa Valiante	<i>From the first stars to the first SMBHs</i>
9:30 - 10:00	Daniele Spinoso	<i>High-z seeds in the L-Galaxies semi-analytic model</i>
10:00-10:30	Rosa Valiante (for Edwige Pezulli)	<i>The rapid growth of black holes in the early Universe</i>

**10:30 - 11:00 Coffee break**

11:00- 11:30	Chiara Mazzucchelli	<i>Properties of Quasars in the Epoch of Reionization</i>
11:30 - 12:00	Luca Graziani	<i>Feedback from QSOs in the high-z Universe</i>
12:00 -12:30	Luciano del Valle	<i>"The effect of AGN feedback on the migration timescale of supermassive black holes binaries"</i>
12:30 - 13:00	Maxime Trebitsch	<i>Do AGNs enhance the escape of ionizing radiation from high redshift dwarf galaxies?</i>

**13:00 - 15:00 Lunch**

**High-z 2: high-z AGN**

15:00-15:30	Tullia Sbarrato	<i>Super-Eddington quasars: What do they look like?</i>
15:30-16:00	Damien Coffey	<i>ROSAT and XMM-XXL Quasars as Standard Candles?</i>
16:00-16:30	Torben Simm	<i>Quasar accretion physics in the Reverberation-Mapping Field</i>

**16:30-17:00 Coffee break**

17:00-17:30	Alessandro Lupi	<i>Massive black holes from dissipative dark matter</i>
17:30-18:00	David Izquierdo	<i>SMBH growth in galaxy formation models</i>

**Group drinks**

**Tuesday**

**October 24th**

**The virtual universe**

9:00 - 9:30	Reiner Weinberger	<i>Modeling AGN feedback in galaxy scale simulations</i>
9:30- 10:00	Salvatore Cielo	<i>The manifold nature of AGN feedback from 3D simulations.</i>
10:00-10:30	Pawel Biernacki	<i>Supernova and AGN outflows in an isolated cooling halo: dynamics and feedback</i>

**10:30 - 11:00 Coffee break**

11:00- 11:30	Davide Fiacconi	<i>Modelling the evolution of black hole spin in hydrodynamical simulations</i>
11:30 - 12:00	Andrea Negri	<i>Black hole feeding and feedback: the physics inside the "subgrid"</i>
12:00 -12:30	Onur Catmabacak	<i>Black hole growth and its dependence on galaxy properties in MassiveFIRE simulations</i>
12:30 - 13:00	Tommaso Zana	<i>When do bars form?</i>

**13:00 - 15:00 Lunch**

**The real universe**

15:00-15:30	Emilia Jarvela	<i>Large-scale environment - a new perspective on narrow-line Seyfert 1 galaxies</i>
15:30-16:00	Sandra Raimundo	<i>Tracing the external origin of the AGN gas fuelling reservoir</i>
16:00-16:30	Giorgio Calderone	<i>QSFit: Automatic analysis of optical AGN spectra.</i>

**16:30-17:00 Coffee break**

17:00-17:30	Darshan Kakkad	<i>Ionized gas dynamics in AGN host galaxies using IFU spectroscopy</i>
17:30-18:00	Benny Trakhtenbrot	<i>The BAT AGN Spectroscopic Survey (BASS): A Complete Census of Luminous Accreting SMBHs in the Local Universe</i>
18:00-18:30	Rafael Logrono	<i>Correlation between the 2D star formation rate properties in nearby galaxies and the presence of an AGN</i>

**Group dinner**

**Wednesday**

**October 25th**

**BH pairs**

9:00 - 9:30	Tomas Tamfal	<i>Formation of black hole binaries in merging dwarf galaxies</i>
9:30- 10:00	Matteo Bonetti	<i>Post-Newtonian dynamics of massive black hole triplets</i>
10:00-10:30	Enrico Ragusa	<i>Non-axisymmetric features in circumbinary discs surrounding supermassive black holes</i>

**10:30 - 11:00 Coffee break**

11:00- 11:30	Camilo Fontecilla	<i>Accretion discs around merging black holes</i>
11:30 - 12:00	Rafael Sousa Lima	<i>Dynamics of black hole pairs in circumnuclear disks: take two</i>
12:00 -12:30	Felipe Goicovic	<i>Evolution of massive black hole binaries from incoherent accretion events</i>
12:30 - 13:00	Hugo Pfister	<i>Pairing of black holes in merging galaxies</i>

**13:00 - 15:00 Lunch**

<b>High energy</b>		
15:00-15:30	Alberto Masini	<i>Obscured and Compton-thick AGN in NuSTAR hard X-ray surveys</i>
15:30-16:00	Elisabeta Lusso	<i>The physical relation between disc and coronal emission in AGN (and how it can be used as a cosmological probe).</i>
16:00-16:30	Chiara Righi	<i>Are Blazars detectable by neutrino telescopes?</i>
16:30-17:00	<b>Coffee break</b>	
<b>Summaries</b>		
17:00-17:30	Benny Trakhtenbrot	Summary observations
17:30-18:00	Davide Fiacconi	Summary theory
<b>Public talk (Tullia)</b>		