

RadioNet Science Workshop

The Central Kiloparsec: Active Galactic Nuclei and Their Hosts

4. June	<u>SESSION 1: A synthetic picture of active galactic nuclei</u> <i>Chair:</i>
09:00 - 09:10	Opening remarks
09:10 - 09:50 Julian Krolik	Central regions in AGN
09:50 - 10:30 Thierry Courvoisier	A synthetic picture of AGN
10:30 - 10:50 Sara Buttiglione	A spectroscopic study of the 3CR sample of radio galaxies
10:50 - 11:10 Tigran Arshakian	Jet-BLR connection in 3C390.3
11:10 - 11:30	Coffee break
	<u>SESSION 2: Vicinity of supermassive black holes</u> <i>Chair:</i>
11:30 - 12:10 Max Camenzind	Vicinity of SMBH
12:10 - 12:30 Mohammad Zamaninasab	NIR and X-ray flare emission from Sgr A*
12:30 - 12:50 Markos Georganopoulos	How close to the black hole does most of the jet energy dissipation happens?
12:50 - 13:10 Andrei Lobanov	Vicinity of SMBH probed by high-resolution radio observations
13:10 - 14:30	Lunch
	<u>SESSION 3: Accretion: disks and inflows</u> <i>Chair:</i>
14:30 - 15:10 Andrew King	Accretion disks in AGN
15:10 - 15:30 Ladislav Subr	SMBH feeding and star formation in massive accretion disks.
15:30 - 15:50 Isabelle Gavignaud	Eddington ratios of faint AGN at intermediate redshift...
15:50 - 16:10 Almudena Prieto	The central few parsecs region of AGN in the IR
16:10 - 16:40	Coffee break
	<u>SESSION 4: Stars and gas in the nuclear region</u> <i>Chair:</i>
16:40 - 17:20 Hagai Netzer	Gas, dust and starburst in the central kpc
17:20 - 17:40 Martin Gaskell	Dust and gas in the inner regions of AGN
17:40 - 18:00 Christian Struve	Centaurus A: Neutral Hydrogen close to the nucleus
18:00 - 18:20 Hagai Perets	The origin and dynamical evolution of the young stars in the central of the Galaxy
5. June	<u>SESSION 5: Disk-outflow connection and molecular dusty torus</u>
09:00 - 09:40 Moshe Elitzur	Disk-outflow connection and molecular dusty torus
09:40 - 10:00 Marc Schartmann	Turbulent AGN tori
10:00 - 10:20 Frank Israel	Physical conditions of central molecular gas concentrations
10:20 - 10:40 Catherine Buchanan	Unveiling the nature of Seyfert galaxies with 1-100 micron SED
10:40 - 11:10	Coffee break
	<u>SESSION 6: Relativistic jets and the nuclear region</u> <i>Chair: A. Lobanov</i>
11:10 - 11:50 Nektarios Vlahakis	Relativistic jets and nuclear regions
11:50 - 12:10 Yuri Kovalev	Physics of central several parsecs in the quasar 0850+581
12:10 - 12:30 Iván Agudo	Jet in 3C120
12:30 - 12:50 Martin Krause	Jets and multi-phase turbulence
12:50 - 14:30	Lunch
	<u>SESSION 7: AGN feedback</u> <i>Chair:</i>
14:30 - 15:10 Fabrizio Nicastro	AGN feedback
15:10 - 15:30 Koulouridis Elias	The local environment of low-z Seyfert and BIRG galaxies
15:30 - 15:50 Paramita Barai	Anisotropic AGN Outflows Filling The Cosmological Volume
15:50 - 16:10 Masatoshi Imanishi	Luminous buried AGNs in luminous IR galaxies and the origin of galaxy downsizing
16:30	Social event (tbd.)
20:00	Conference dinner
6. June	<u>SESSION 8: Sub-relativistic outflows and extended regions</u> <i>Chair:</i>
09:00 - 09:40 Clive Tadhunter	Sub-relativistic outflows in AGN
09:40 - 10:00 David Axon	Winds and disks - a new understanding from spectropolarimetry
10:00 - 10:20 David Rosario	Radio-jet driven outflows in Seyfert galaxies
10:20 - 10:40 Francisco Montenegro-Montes	Compact radio-loud broad absorption line quasars
10:40 - 11:10	Coffee break
	<u>SESSION 9: SMBH and their galactic hosts</u> <i>Chair:</i>
11:10 - 11:50 Marta Volonteri	SMBH and their galactic hosts
11:50 - 12:10 Dan Batchelder	The Mbh-sigma project
12:10 - 12:30 Alessandro Marconi	Estimating BH masses from 0 to high redshift
12:30 - 12:50 Nicola Bennert	Fueling QSOs: The relevance of mergers
12:50 - 14:30	Lunch

14:30 - 15:10 **Dave Merritt**
 15:10 - 15:30 **Stelios Kazantzidis**
 15:30 - 15:50 **Lucio Mayer**
 15:50 - 16:10 **Massimo Dotti**
 16:10 - 16:40

16:40 - 17:20 **Andrea Merloni**
 17:20 - 17:40 **Alejo Martinez-Sansigre**
 17:40 - 18:00 **Andreas Schulze**
 18:00 - 18:20 **Giuseppe Lodato**
 18:20 - 18:40 **Thierry Courvoisier**

SESSION 10: Binary supermassive black holes in AGN *Chair:*

Binary black holes in galactic nuclei
 Formation of SMBH binaris in hydrodynamical galaxy mergers
 Orbital decay of SMBH in dissipational minor and major mergers
 Dynamical evolution of binary black holes

Coffee break

SESSION 11: Co-evolution of SMBH and AGN *Chair:*

Co-evolution of SMBH and AGN
 Using SMGs to test the unified scheme for high-redshift quasars
 The mass function of local active black holes
 Formation and evolution of massive black hole seeds at high redshift
 Conference Summary

Posters

Poster No.	Sessic No.	Presenting Author	Title
1	1	Mercedes Filho	Interferometric imaging of nearby AGN
2	1	Cristina Ramos Almeida	Spectral Energy Distributions of a Hard X-ray Selected AGN Sample in the Extended
3	1	Emmanouil Angelakis	Radio spectra of Intermediate luminosity broad line radio galaxies
4	3	Serhij Silich	The impact of young stellar clusters on spherically-symmetric accretion flows
5	4	Dragana Ilic	The Broad Line Region in Mrk 668 and NGC 4151: An Outflow Model
6	4	Stefan Harfst	Stars in the Central Parsec
7	4	Stephen Curran	Where is Cold Neutral Gas in the Hosts of High Redshift AGN?
8	4	Natasha Maddox	Investigating Broad Absorption Line Quasars with SDSS and UKIDSS
9	4	Carlos Rodriguez-Rico	H53alpha line observations of the SSC in NGC5253
10	5	Konrad Tristram	Resolving the dusty cores of nearby AGN with mid infrared interferometry
11	6	Jonathan Leon-Tavares	Radio-optical Study of Double-Peaked AGNs. I. 3C 390.3
12	6	Manuel Perucho Pla	The origin of a major flare/ejection in a broad-line radio galaxy
13	6	Alexander Pushkarev	Testing adiabatic expansion of shocks in parsec-scale jets...
14	6	Mar Roca-Sogorb	Helical magnetic field effects in relativistic jets
15	7	Jose Ramirez	Physics and kinematics of the X-ray absorber in the BAL QSO APM 08279+5255
16	7	César Caretta	Galaxy Activity Influenced by the Environment in the Cluster of Galaxies A85
17	8	Andrea Ruff	Quasar wind models
18	8	Bernd Husemann	Integral field spectroscopy of low-z quasars and Seyfert galaxies
19	9	Yannick Letawe	Understanding the relations between QSOs and their host galaxies...
20	9	Nina Nowak	Supermassive black holes in low-mass bulges and pseudobulges
21	9	Seungyoup Chi	AGNs and starbursts in the HDF-N and HFF : deep, global VLBI observations
22	9	Francesca Panessa	The X-ray and radio connection in nearby Seyfert galaxies
23	9	Angela Bongiorno	Type II AGN in the zCOSMOS sample
24	9	David Floyd	Probing the emission region with anomalous flux QSO's.
25	9	Jong-Hak Woo	Cosmic evolution of black holes and spheroids in the last 6 billion years
26	9	Silvia Tommasin	Seyfert Galaxies in the Local Universe
27	10	Dharam Vir Lal	Nature of X-shaped sources
28	10	Simone Callegari	Pairing of SMBH in unequal mass mergers
29	10	Andrei Lobanov	Nuclear activity driven by binary SMBH
30	11	Deborah Dultzin	Activity Induced by interaction in mixed morphology (E+S) pairs