

UNVEILING THE AGN – GALAXY EVOLUTION CONNECTION

**Puerto Varas, Chile
March 8-13, 2015**

PROGRAM

Sunday, March 8

17:00-19:00	Registration
19:00-21:00	Reception

Monday, March 9

08:00-09:00	Registration
09:00-09:30	Welcome words (E. Treister)
09:30-11:00	Talks block 1. <ul style="list-style-type: none">1.1 The Formation of the First Black Holes in the Universe Priya Natarajan (Yale)1.2 AGN-Host Galaxy Connection: An Interstellar Medium Perspective Dominik Riechers (Cornell University)1.3 Black hole formation in the early Universe Dominik Schleicher (Universidad de Concepción)1.4 Star & Galaxy Formation Induced by Black Hole Jets Felix Mirabel (IAFE-Argentina & CEA-France)1.5 Growing black holes: from the first seeds to active galactic nuclei Mar Mezcua (Harvard-Smithsonian Center for Astrophysics)
11:00-11:30	Coffee break
11:30-13:00	Talks block 2. <ul style="list-style-type: none">2.1 Do MBH binaries coalesce? Massimo Dotti (Università degli Studi di Milano-Bicocca, Italy)2.2 Formation of supermassive black holes in high-redshift galaxy major mergers Davide Fiacconi (University of Zurich, Switzerland)2.3 Simulating the history of the Milky Way black hole Silvia Bonoli (CEFCA)2.4 Massive Black Hole Binaries Within Sub-parsec Gaseous Discs Jorge Cuadra (PUC)2.5 Super massive black holes binaries in star forming massive nuclear discs Luciano del Valle (Departamento de Astronomía, Universidad de Chile)

13:00-15:00	Lunch
15:00-16:00	<p>Talks block 3.</p> <p>3.1 Now you see it, now you don't - the rapid cycle of black hole accretion phases Kevin Schawinski (ETH Zurich)</p> <p>3.2 TBD Remco van den Bosch</p> <p>3.3 Probing the M-sigma relation of active galaxies: present and past Jong-Hak Woo (Seoul National University)</p>
16:00-16:30	Poster presentations: Group 1
16:30-17:00	Coffee break
17:00-17:30	<p>Talks block 3</p> <p>3.4 New Evidence for High Spins Among the Most Massive Black Holes at $z \sim 2-4$ Benny Trakhtenbrot (ETH Zurich)</p> <p>3.5 Merger Remnants and Aging Starbursts in Quasar Host Galaxies Gabriela Canalizo (University of California Riverside)</p>
17:30-18:00	Discussion session 1. Leader: TBD

Tuesday, March 10

09:00-10:30	<p>Talks block 4.</p> <p>4.1 Modeling AGN and AGN feedback in a cosmological framework Rachel Somerville (Rutgers University, USA)</p> <p>4.2 From halo quenching to radio jets in semi-analytic galaxy formation models Darren Croton (Swinburne University of Technology, Australia)</p> <p>4.3 TBD Menci Nicola (INAF - Osservatorio Astronomico di Roma)</p> <p>4.4 Can Compact Starbursts Mimic Quasar-Mode Feedback? Aleksandar M. Diamond-Stanic (University of Wisconsin)</p> <p>4.5 Stellar and Quasar Feedback in Concert: Effects on AGN Accretion, Obscuration, and Outflows Paul Torrey (MIT / Caltech)</p>
10:30-11:00	Poster presentations: Group 2
11:00-11:30	Coffee break
11:30-13:00	<p>Talks block 5.</p> <p>5.1 NuSTAR Fiona Harrison (Caltech)</p>

	<p>5.2 Unveiling the AGN/galaxy evolution connection with deep extragalactic far-IR surveys David Rosario (Max Planck Institute for Extraterrestrial Physics)</p> <p>5.3 IR spectroscopy as diagnostics of galaxy evolution Luigi Spinoglio (IAPS-INAF)</p> <p>5.4 How is the host galaxy at mid-infrared when the AGN torus disappears at low-luminosities? Omaira Gonzalez Martin (Centro de Radioastronomia y Astrofisica (UNAM))</p> <p>5.5 Scale relations from submm observations Gustavo Orellana (Universidad de Concepcion)</p>
13:00-15:00	Lunch
15:00-16:00	<p>Talks block 6.</p> <p>6.1 NuSTAR and ALMA's view of BH growth and star-formation James Mullaney (University of Sheffield)</p> <p>6.2 Heavily-obscured black hole accretion in star-forming galaxies at $z \sim 2$ Agnese Del Moro (Durham University)</p> <p>6.3 The evolution of the X-ray luminosity functions of obscured and unobscured AGN: new constraints from Chandra and NuSTAR James Aird (Institute of Astronomy, University of Cambridge)</p> <p>6.4 The most obscured AGN in the COSMOS Giorgio Lanzuisi (INAF OA-Bologna)</p>
16:00-16:30	Poster presentations: Group 3
16:30-17:00	Coffee break
17:00-17:30	<p>Talks block 6</p> <p>6.5 Obscured accretion with NuSTAR Patricia Arevalo (Universidad de Valparaíso)</p> <p>6.6 SINFONI and ALMA observations to test the effect of AGN feedback on the gas content of $z \sim 1.5$ galaxies. Vincenzo Mainieri (ESO)</p>
17:30-18:00	Discussion session 2. Leader: TBD

Wednesday, March 11

09:00-10:30	<p>Talks block 7.</p> <p>7.1 Powerful outflows in luminous obscured QSOs Marcella Brusa (DIFA - Universita' di Bologna)</p> <p>7.2 AGN in Infrared Galaxies and the Evolving BPT Diagram Jeyhan Kartaltepe (NOAO)</p> <p>7.3 The AGN/Star-Formation Connection in the Local Universe Stephanie LaMassa (Yale University)</p> <p>7.4 The pre- eROSITA era: ROSAT-revisited and SPIDERS</p>
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Mara Salvato (MPE)
7.5 Optical AGN Diagnostics at $z \sim 2$
Alison Coil (University of California San Diego)

- 10:30-11:00 Poster presentations: Group 4
- 11:00-11:30 Coffee break
- 11:30-13:00 Talks block 8.
8.1 The demography of obscured AGN
Andrea Comastri (INAF-Osservatorio Astronomico di Bologna)
8.2 A New Method for Selecting Compton-thick AGN Above 10 keV
Michael Koss (ETH-Zurich, Switzerland)
8.3 New constraints on X-ray background synthesis models
Ioannis Georgantopoulos (National Observatory of Athens)
8.4 Hidden AGN in Star-Forming Galaxies: Triggering or Quenching?
Stephanie Juneau (CEA-Saclay)
8.5 ISM Properties of Cool and Warm Local LIRGs - A Herschel View
Tanio Diaz-Santos (Universidad Diego Portales)
- 13:00-15:00 Lunch

Thursday, March 12

- 09:00-10:30 Talks block 9.
9.1 The cosmic evolution of star formation and gas in galaxies and the concomitant black hole growth
Emanuele Daddi (CEA, France)
9.2 AGN in SMGs: the symbiosis of the Universe's extreme phenomena
Caitlin Casey (University of Texas at Austin)
9.3 Probing the early Universe with sub-millimeter observations of extreme quasars
Amy Kimball (CSIRO Astronomy & Space Science)
9.4 High-density Molecular Gas Tracers in (U)LIRGs: AGN or Star Formation?
George Privon (Universidad de Concepción)
9.5 Gas Dynamics in the Dusty Cores of Local Galaxy Mergers
Vivian U (University of California, Riverside)
- 10:30-11:00 Poster presentations: Group 5
- 11:00-11:30 Coffee break
- 11:30-13:00 Talks block 10.
10.1 AGN and Galaxy Evolution in 3D
Lisa Kewley (ANU, Australia)
10.2 Radio AGN activity over cosmic time
Vernesa Smolcic (University of Zagreb, Croatia)
10.3 Galaxy Zoo: disk structures and their relation to the presence of an AGN

	<p>Kyle Willett (University of Minnesota)</p> <p>10.4 J2240-0927: A quasar ionization echo illuminating an outflow remnant?</p> <p>Rebecca Davies (Australian National University)</p> <p>10.5 Post Starburst Quasars</p> <p>Jorge Melnick (ESO and Observatorio Nacional, Rio de Janeiro)</p>
13:00-15:00	Lunch
15:00-16:00	<p>Talks block 11.</p> <p>11.1 Evidence for Star Formation and AGN Feedback in the Dust and Molecular Gas of Galaxies</p> <p>Sylvain Veilleux (University of Maryland, USA)</p> <p>11.2 Probing the Origin of Supermassive Black Holes with Dwarf Galaxies</p> <p>Amy Reines (University of Michigan)</p> <p>11.3 Unveiling Quasar-Mode Feedback with Integral Field Spectroscopy</p> <p>David Rupke (Rhodes College)</p>
16:00-16:30	Poster presentations: Group 6
16:30-17:00	Coffee break
17:00-17:30	<p>Talks block 11</p> <p>11.4 Measuring ISM content of AGN and ULIRGs</p> <p>Nick Scoville (Caltech)</p> <p>11.5 A Turn-over in the Galaxy Main Sequence of Star Formation at $M^* \sim 10^{10} M_{\text{sun}}$</p> <p>David B. Sanders (University of Hawaii)</p>
17:30-18:00	Discussion session 2. Leader: TBD

Friday, March 13

09:30-11:00	<p>Talks block 12.</p> <p>12.1 Tracing Merger-fueled AGN Activity with Dual AGN and Offset AGN</p> <p>Julie Comerford (University of Colorado Boulder, USA)</p> <p>12.2 Are luminous AGN triggered by galaxy interactions?</p> <p>Cristina Ramos Almeida (Instituto de Astrofisica de Canarias)</p> <p>12.3 AGN Activity at the Quenching Threshold at $z \sim 2$</p> <p>Dale Kocevski (Colby College)</p> <p>12.4 Fueling SMBHs: Mergers vs Smooth Accretion</p> <p>Jillian Bellovary (Vanderbilt University, USA)</p> <p>12.5 Tracing Black Hole Growth Through Major Mergers</p> <p>Anne Medling (Australian National University)</p> <p>12.6 Spatially Resolved Imaging and Spectroscopy of Candidate Dual AGNs</p> <p>Rosalie McGurk (University of California Santa Cruz)</p>
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11:00-11:30	Coffee break
11:30-13:00	<p>Talks block 13.</p> <p>13.1 The Spectroscopic Signature Close, Bound, Binary Supermassive Black Holes Mike Eracleous (Penn State University)</p> <p>13.2 Simulations of AGNs in isolated disk galaxies Jared Gabor (CEA Saclay)</p> <p>13.3 Combined effects of several AGN and stellar feedback models on galaxy evolution Orianne Roos (CEA-Saclay)</p> <p>13.4 Torque-limited growth of massive black holes in galaxies Daniel Angles-Alcazar (CIERA - Northwestern University)</p> <p>13.5 Supermassive blackhole activation in gas-rich merging galaxies revealed from high-spatial-resolution AO-assisted infrared imaging observations with Subaru 8.2m telescope Masatoshi Imanishi (Subaru Telescope)</p>
13:00-15:00	Lunch
15:00-16:30	<p>Talks block 14.</p> <p>14.1 Fading AGN, feedback, and AGN demographics William Keel (University of Alabama)</p> <p>14.2 Catching quenching galaxies: following the road less traveled from blue spirals to red ellipticals Katherine Alatalo (IPAC/Caltech)</p> <p>14.3 Observations of Massive Ionized Outflows from Radio-Loud AGNs Hsin-Yi Shih (Gemini Observatory - North)</p> <p>14.4 Wide spread AGN driven nuclear outflows in massive $z \sim 1-2$ star-forming galaxies Dieter Lutz (MPE)</p> <p>14.5 Ionized Gas Outflows of Type 2 AGNs: IFU Investigation, 3-D Outflow Models, and Census with a Large Sample Hyun-Jin Bae (Yonsei University)</p>
16:30-17:00	Coffee break
17:00-18:00	Conference summary. Leader: Meg Urry (Yale)