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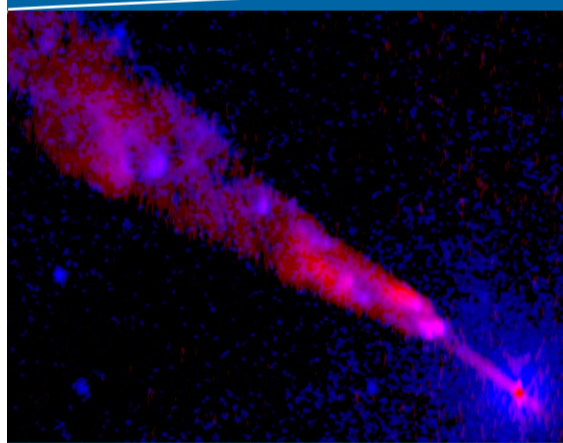
THE AUSTRALIAN NATIONAL UNIVERSITY

FIFTH STROMLO SYMPOSIUM

Disks, Winds & Jets – From Planets to Quasars

3–8 December 2006

MT STROMLO OBSERVATORY
RESEARCH SCHOOL OF ASTRONOMY & ASTROPHYSICS



Theme

The common physics underlying accretion, energy release and mass/energy outflows in different systems such as black holes across the whole mass range, pulsars, white dwarfs, young stellar objects, the early phases of protoplanetary disks and starburst galaxies.

Topics

- Disks in AGN, micro-blazars, ultraluminous X-ray sources, young stellar objects and planetary systems.
- Small scale jets in AGN (inc. blazars) and gamma-ray bursters, physics of jet launching and associated winds.
- Large scale jets, winds and bipolar flows in AGN, starburst galaxies, and YSOs; feedback processes and interaction with environment.
- Jets from evolved stars and binary systems; planetary nebulae and pulsar jets.

ANU COLLEGE OF SCIENCE

Invited speakers include

Pawel Artymowicz, John Bally, Geoff Bicknell, Joss Bland-Hawthorn, Katherine Blundell, Annalisa Celotti, Ed van den Heuvel, Okkie de Jager, Bryan Gaensler, John Hawley, Ray Jayawardhana, Lucyna Kedziora-Chudczer, Ken Kellerman, Zdenka Kuncic, Jim Lovell, Julian Malzac, Herman Marshall, Julie McEnery, Peter McGregor, Jonathan McKinney, Paul O'Brien, Manfred Pakull, Tim Roberts, Elena Rossi, Rita Sambruna, Hsien Shang, Ralph Sutherland, Fabrizio Tavecchio, Stefan Wagner, Martin Ward, Mark Wardle

Scientific Organising Committee

Geoff Bicknell (co-chair), Maria Cunningham, Neil Gehrels, Alice Harding, Zdenka Kuncic, Charley Lineweaver, Laura Maraschi, Eric Perlman, Raquel Salmeron, Rita Sambruna (co-chair), Roberto Soria, Stefan Wagner

Image Credits

Main Image : Colour-coded image of the starburst galaxy M82. Stars rendered from blue green and red images taken with the NASA Hubble Space Telescope; Hydrogen emission image from the WIYN telescope rendered in purple.
Mark Westmoquette (UCL), Jay Gallagher (University of Wisconsin-Madison), Linda Smith (UCL), WIYN/NSF, NASA/ESA

Smaller Images L to R :

- Composite radio (VLA) and X-ray image (CXO) of the jet in Centaurus A. Martin Hardcastle and colleagues. NASA/CXC, VRAO VLA, Bristol University
- Tidbinbilla Nature Reserve. Roberto Soria
- Captain Cook Memorial Water Jet
Image courtesy of Australian Capital Tourism
- Spitzer image of the Cosmic Tornado HH49/50.
John Bally and colleagues, University of Colorado, JPL Caltech, NASA
- Central Canberra Image courtesy of Australian Capital Tourism

For bookings & further information:

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