

# Black hole astronomy

## Black hole astrophysics:

### Tales of Power and Destruction

WINCHESTER, UK, 18 - 22 JULY 2011

A WORKSHOP TO PRESENT THE STATE-OF-THE-ART IN THEORY AND DATA INTERPRETATION, PRIMARILY AIMED AT YOUNG RESEARCHERS (GRADUATE STUDENTS AND POSTDOCS) AND THOSE WANTING A WIDE-RANGING INTRODUCTION TO THE LATEST DEVELOPMENTS.



#### Topics & Speakers Include

- Accretion theory - A. King
- MHD simulations of accretion - C. Fragile
- Accretion disc spectra - S. Davis
- X-ray polarisation studies of black holes - R. Goosmann
- Comptonisation and coronal emission processes - J. Malzac
- Jet production in accreting black holes - D. Meier
- AGN jets - A. Celotti
- The jet/accretion connection - S. Markoff
- AGN warm absorbers and outflows - E. Costantini
- Black hole X-ray binary variability - T. Belloni
- AGN variability - I. McHardy
- SMBH and AGN demographics - J. Greene
- AGN feedback in clusters - M. Wise

#### Scientific Organizing committee

P. Uttley (chair), J. Wilms, S. Markoff, T. Belloni, L. Burderi, P. Cassatella, S. Corbel, T. Di Salvo, E. Kalemci, T. Maccarone, I. McHardy, J. Rodriguez, M. van der Klis, R. Wijnands

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