

RECENT PUBLICATIONS LIST FOR CAROLIN CRAWFORD

Papers in refereed journals:

1. Edge AC, Oonk JBR, Mittal R, Allen SW, Baum S A, Böhringer H, Bregman JN, Bremer MN, Combes F, **Crawford CS** and 17 coauthors
2010 Astronomy & Astrophysics 518 L47 (5 pages)
Herschel photometry of brightest cluster galaxies in cooling flow clusters
2. Edge AC, Oonk JBR, Mittal R, Allen SW, Baum SA, Böhringer H, Bregman JN, Bremer MN, Combes F, **Crawford CS** and 17 coauthors
2010 Astronomy & Astrophysics 518 L46 (4 pages)
Herschel observations of FIR emission lines in brightest cluster galaxies
3. Canning REA, Fabian AC, Johnstone RM, Sanders JS, Conselice CJ, **Crawford CS**, Gallagher JS, Zweibel E
2010 MNRAS 405 115 – 128
Star formation in the outer filaments of NGC 1275
4. Erlund MC, Fabian AC, Blundell KM, **Crawford CS**, Hirst P
2010 MNRAS 404 629 – 640
Two types of shock in the hotspot of the giant quasar 4C74.26: a high-resolution comparison from Chandra, MERLIN and Gemini
5. Russell HR, Fabian AC, Sanders JS, Blundell KM, Brandt WN, **Crawford CS**, Johnstone RM
2010 MNRAS 402 1561 – 1579
The X-ray luminous cluster underlying the bright radio-quiet quasar H1821+643
6. Fabian AC, Johnstone RM, Sanders JS, Conselice CJ, **Crawford CS**, Gallagher JS, Zweibel E
2008 Nature 454 968 - 970
HST imaging of the optical emission line filaments of NGC 1275
7. Erlund MC, Fabian AC, Blundell KM, **Crawford CS**
2008 MNRAS 385 L125 – L129
The Compton-thick quasar at the heart of the high-redshift giant radio galaxy 6C0905+39
8. Johnstone R, Hatch N, Ferland G, Fabian A, **Crawford CS**, Wilman RJ
2007 MNRAS 382 1246 - 1260
Discovery of atomic and molecular mid infra-red emission lines in off-nuclear regions of NGC 1275 and NGC 4696 with the Spitzer Space Telescope
9. Barcons X, and 55 co-authors
2007 Astronomy & Astrophysics 476 1191 - 1203
The XMM-Newton Serendipitous Survey V. Optical identification of the XMM-Newton Medium sensitivity Survey (XMS)
10. Taylor GB, Fabian AC, Gentile G, Allen SW, **Crawford CS**, Sanders JS
2007 MNRAS 382 67 - 72
Fields and Filaments in the Core of the Centaurus Cluster
11. Hatch, NA, **Crawford, CS**, Fabian, AC
2007 MNRAS 380 33 – 43
Ionized nebulae surrounding brightest cluster galaxies
12. Erlund MC, Fabian AC, Blundell KM, Celotti A, **Crawford CS**
2006 MNRAS 371 29-37
Extended inverse-Compton emission from distant, powerful radio galaxies
13. Salomé P, Combes F, Edge AC, **Crawford CS**, Erlund M, Fabian AC, Hatch NA, Johnstone RM, Sanders JS, Wilman RJ
2006 A&A 454 437-445
Cold Molecular gas in the Perseus cluster core: association with X-ray cavity, H α filaments and cooling flow
14. Gandhi P, Fabian AC, **Crawford CS**
2006 MNRAS 369 1566–1576
4C +39.29 : extended emission around a Type 2 quasar
15. Blundell KM, Fabian AC, **Crawford CS**, Erlund MC, Celotti A

- 2006 ApJLett 644, L13–L16
Discovery of the low-energy cutoff in a powerful giant radio galaxy
16. Hatch NA, **Crawford CS**, Fabian AC, Johnstone RM
2006 MNRAS 367 433-448
On the origin and excitation of the extended nebula surrounding NGC 1275
17. Fabian AC, Sanders JS, Taylor GB, Allen SW, **Crawford CS**, Johnstone RM, Iwasawa K
2006 MNRAS 366 417-428
A very deep Chandra observation of the Perseus cluster: shocks, ripples and conduction
18. **Crawford CS**, Hatch NA, Fabian AC, Sanders JS
2005 MNRAS 363 216-222
The extended H α emitting filaments surrounding NGC4696, the central galaxy in the Centaurus cluster
19. Iwasawa K, **Crawford CS**, Fabian AC, Wilman RJ
2005 MNRAS 362 L20–L24
X-rays from a Type II quasar in the hyperluminous infrared galaxy IRAS 15307+3252
20. **Crawford CS**, Fabian AC, Sanders JS
2005 MNRAS 361 17-33
The giant H α /X-ray filament in the cluster of galaxies A1795
21. Hatch NA, **Crawford CS**, Fabian AC, Johnstone RM
2005 MNRAS 358 765-773
Detections of molecular Hydrogen in the outer filaments of the H-alpha nebula surrounding NGC1275