

CONDENSED  
MATTER  
(ASTRO)PHYSICS  
X-RAY COSMIC  
DUST STUDIES

1. Using the X-ray Dust Scattering Halo of Cygnus X-1 to determine distance and dust distributions  
Xiang J., **Lee J.C.**, Nowak M.A., Wilms J., 2011, ApJ., 738, 78
2. X-ray Spectroscopy of Astrophysical Dust  
**Lee J.C.**, 2010, Space Science Reviews, 2010, 157, 93-101
3. Condensed Matter Astrophysics: A Prescription for Determining the Species-Specific Composition and Quantity of Interstellar Dust using X-rays  
**Lee J.C.**, Xiang J., Ravel B., Kortright J., Flanagan K., 2009, ApJ., 702, 970
4. Solid State Astrophysics: Probing Interstellar Dust and Gas Properties with X-rays  
**Lee J.C.** et al., 2009, White Paper submitted in response to the 2010 Decadal Review for Astronomy and Astrophysics (arXiv:0902.4671)
5. Using the X-Ray Dust Scattering Halo of 4U 1624-490 to Determine Distance and Dust Distributions  
Xiang, J., **Lee J.C.**, Nowak M.A., ApJ, 2007, 660, 1309
6. Determining the grain composition of the interstellar medium with high resolution X-ray spectroscopy  
**Lee J.C.**, and Ravel B., ApJ, 2005, 622, 970

X-RAY BINARIES:  
GALACTIC BLACK  
HOLES AND  
NEUTRON STARS

1. Optical and near-infrared spectroscopy of the black hole GX 3394 II. The spectroscopic content in the low/hard and high/soft states  
Rahoui F., Coriat M., **Lee J.C.**, 2014, MNRAS, 442, 1610
2. A Link Between X-ray Emission Lines and Radio Jets in 4U 1630-47 ?  
Nielsen J., Coriat M., Fender R., **Lee J.C.**, Ponti G., Tzioumis A., Edwards P., Broderick J., 2014, ApJ, 784, L5
3. The effects of thermodynamic stability on wind properties in different black hole binary states  
Chakravorty S., **Lee J.C.**, Nielsen J., 2013, MNRAS, 436, 560
4. Radiation Pressure and Mass Ejection in  $\rho$ -like States of GRS 1915+105  
Nielsen J., Remillard R., **Lee J.C.**, 2012, ApJ., 750, 71
5. Optical and near-infrared spectroscopy of the black hole GX 339-4 - I. A focus on the continuum in the low/hard and high/soft states  
Rahoui, F., Coriat, M., Corbel, S., Cadolle Bel, M., Tomsick, J. A., **Lee J.C.**, Rodriguez, J., Russell, D. M., Migliari, S., MNRAS, 2012, 422, 2202
6. Accretion disc wind variability in the states of the microquasar GRS 1915+105  
Nielsen J., Petschek A., **Lee J.C.**, 2012, MNRAS, 421, 502
7. The Physics of the 'Heartbeat' State of GRS 1915+105  
Nielsen J., Remillard R., **Lee J.C.**, 2011, ApJ., 737, 69
8. A multiwavelength study of Cygnus X-1: the first mid-infrared spectroscopic detection of compact jets  
Rahoui F., **Lee J.C.**, Heinz S., Hines D.C., Pottschmidt K., Wilms J., Grinberg V., 2011, ApJ., 736, 63
9. The accretion disk corona and disk atmosphere of 4U 1624-490 as viewed by the Chandra-HETGS  
Xiang, J., **Lee J.C.**, Nowak M.A., Wilms J., Schulz N.S., 2009, ApJ, 701, 984

10. Accretion disk winds as the jet suppression mechanism in the microquasar GRS 1915+105  
Neilsen J. and **Lee J.C.**, 2009, *Nature*, 458, 481
11. Spectroscopic Signatures of the Superorbital Period in the Neutron Star Binary LMC X-4  
Neilsen J., **Lee J.C.**, Nowak M.A., Dennerl K., Dil Vrtilek S., 2009, *ApJ.*, **696**, 182-191 (arXiv:0902.0786)
12. Chandra X-ray spectroscopy of the focused wind in the Cygnus X-1 system I. The non-dip spectrum in the low/hard state  
Hanke M., Wilms J., Nowak, M.A., Pottschmidt K., Schulz, N.S., **Lee J.C.**, 2009, *ApJ.*, 690, 330
13. The X-Ray Position and Infrared Counterpart of the Eclipsing X-Ray Pulsar OAO 1657-415  
Chakrabarty D., Wang Z., Juett A.M., **Lee J.C.**, Roche P., 2002, *ApJL*, 573, 789-793
14. High resolution Chandra HETGS and RXTE observations of the microquasar GRS 1915+105: A hot disk atmosphere & cold gas enriched in Iron and Silicon  
**Lee J.C.**, Reynolds C.S., Remillard R., Schulz N.S., Blackman E.G., Fabian A.C., 2002, *ApJ.*, 567, 1102-1111
15. The First High Resolution X-ray Spectrum of Cyg X-1 : Soft X-ray Ionization and Absorption  
Schulz N.S., Cui W., Canizares C.R., Marshall H.L., **Lee J.C.**, Miller J.M., Lewin W.H.G., 2002, *ApJ.*, 565-581 1141-1149
16. The ionized stellar wind in Vela X-1 during eclipse  
Schulz J.S., Canizares C.R., **Lee J.C.**, Sako M., 2002, *ApJL*, 564, L21-25
17. Double-peaked X-Ray Lines from the Oxygen/Neon-rich Accretion Disk in 4U 1626-67  
Schulz N.S., Chakrabarty D., Marshall H.L., Canizares C.R., **Lee J.C.**, Houck J., 2001, *ApJ.*, 563, 941-949

SUPERMASSIVE  
BLACK HOLES:  
SEYFERTS &  
RADIO-LOUD AGN

1. Discovery of an Ultraviolet Counterpart to an Ultra-Fast X-ray Outflow in the Quasar PG1211+ 143  
Kriss, G. A., **Lee J.C.**, Danehkar, A., et al. 2018, *ApJ*, 853, 166
2. The Ultra-Fast Outflow of the Quasar PG 1211+ 143 as viewed by time-averaged Chandra grating spectroscopy  
Danahkar, A., Nowak, M. A., **Lee J.C.**, et al. 2018, *ApJ*, 853, 165
3. Chandra X-ray spectroscopy of focused wind in the Cygnus X-1 system-II. The non-dip spectrum in the low/hard state modulations with orbital phase  
Miškovičová, I. et al., 2016, *A&A*, 590, A114
4. The ionized absorber and nuclear environment of IRAS 13349+2438: multi-wavelength insights from coordinated Chandra HETGS, HST STIS, HET and Spitzer IRS  
**Lee J.C.**, Kriss G. A., Chakraborty S., Rahoui F., Young A J., Brandt W. N., Hines D. .C., Ogle P. M., Reynolds C. S., 2013, *MNRAS*, 430, 2650
5. The Suzaku View of the Disk-Jet Connection in the Low Excitation Radio Galaxy NGC 6251  
Evans D.A., Summers A.C., Hardcastle M.J., Kraft R.P., Gandhi P., Croston J.H., **Lee J.C.**, 2011, *ApJ*, 741, L4
6. The Spin of the Supermassive Black Hole in NGC 3783  
Brenneman, L. W., Reynolds, C. S., Nowak, M. A., Reis, R. C., Trippe, M., Fabian ,

- A. C., Iwasawa, K., **Lee J.C.**, Miller, J. M., Mushotzky, R. F., Nandra, K., Volonteri, M., 2011, *ApJ*, 2011, *ApJ*, 736, 103
7. A Detection of an X-ray Wind and an Ionized Disk in the Chandra HETGS Observation of the Seyfert 2 Galaxy IRAS 18325-5926  
Mocz P., **Lee J.C.**, Iwasawa, K., Canizares C.R., 2011, *ApJ*, 729, 30
  8. A Chandra Observation of 3C 288: Reheating the Cool Core of a 3 keV Cluster from a Nuclear Outburst at  $z = 0.246$   
Lal D.V., et al., 2010, *ApJ*, 722, 1735
  9. The Hard X-ray View of Reflection, Absorption, and the Disk-Jet Connection in the Radio-loud AGN 3C 33  
Evans, D. A., Reeves, J. N., Hardcastle, M. J., Kraft, R. P., Lee, J. C., Virani, S. N., 2010, *ApJ*, 710, 859
  10. XMM-Newton Observations of the Nuclei of the Radio Galaxies 3C 305, DA 240, and 4C 73.08  
Evans D.A., Hardcastle M.J., **Lee J.C.**, Kraft, R.P., Worrall, D. M., Birkinshaw M., Croston, J. H., 2008. 688, 844
  11. A Radio through X-Ray Study of the Jet/Companion-Galaxy Interaction in 3C 321  
Evans D.A., Fong W-F, Hardcastle M.J., Kraft R.P., **Lee J.C.**, Worrall D.M., Birkinshaw M., Croston J.H., Muxlow T.W.B., 2008, 675, 1057
  12. Probing Unification with Chandra HETGS and XMM-Newton EPIC and RGS Spectroscopy of the Narrow Emission Line Galaxy NGC 2110  
Evans D.A., **Lee J.C.**, Turner J., Weaver K., Marshall H.L., 2007, *ApJ*, 671, 1345
  13. Line Variability in the High-Resolution X-Ray Spectrum of MCG -6-30-15  
Gibson, R.R., Canizares, C.R. Marshall, H.L., Young A.J., **Lee J.C.**, *ApJ*, 2007, 655, 749
  14. The Chandra, Hubble Space Telescope, and VLA View of the Circumnuclear Extended Emission in the Narrow Emission Line Galaxy NGC 2110  
Evans, D.A., **Lee J.C.**, et al., *ApJ*, 2006, *ApJ*, 653, 1121
  15. Intrinsic Absorption in the Spectrum of NGC 7469: Simultaneous Chandra, FUSE, and STIS Observations  
Scott, J.E., Kriss, G.A., **Lee J.C.**, et al., 2005, *ApJ*, 634, 193S
  16. A Chandra HETGS Spectral Study of the Iron K Bandpass in MCG-6-30-15: A Narrow View of the Broad Iron Line  
Young A.J., **Lee J.C.**, Fabian A.C., Reynolds C.S., Gibson R. R., Canizares C. R., 2005, *ApJ*, 631, 733
  17. The High Resolution X-ray Spectrum of MR 2251-178 Obtained with the Chandra HETGS  
Gibson R.R., Marshall H.L, Canizares C.R., **Lee J.C.**, 2005, *ApJ*, 627, 83
  18. The soft X-ray absorption lines of the Seyfert 1 galaxy MCG-6-30-15  
Turner A.K., Fabian A.C., **Lee J.C.**, Vaughan S., 2004, *MNRAS*, 353, 319-328
  19. Intrinsic Absorption in the Spectrum of Mrk 279: Simultaneous Chandra, FUSE, and STIS Observations  
Scott J., Kriss G., **Lee J.C.**, Arav N., Ogle P., Roraback K., Weaver K., Alexander T., Brotherton M., Green R., Hutchings J., Kaiser M.E., Marshall H.L., Oegerle W., Zheng W., 2004, *ApJS*, 152, 1-27
  20. The hard X-ray spectrum of the Seyfert galaxy IRAS 18325-5926: cool corona, reflection from an ionized disk, and variable iron K emission  
Iwasawa K., **Lee J.C.**, Young A.J., Reynolds C.S., Fabian A.C., 2004, *MNRAS*, 347, 411-420

21. A softer look at MCG -6-30-15 with XMM-Newton  
Turner A.K., Fabian A.C., Vaughan S., **Lee J.C.**, 2003, MNRAS, 346, 833-840
22. Testing the Seyfert Unification Theory : Chandra HETGS observations of NGC 1068  
Ogle P.M., Brookings T., Canizares C.R., **Lee J.C.**, Marshall H.L., 2003, A&A, 402, 849-864
23. A long hard look at MCG-6-30-15 with XMM-Newton  
Fabian A.C., Vaughan S., Nandra K., Iwasawa I., Ballantyne D.R., **Lee J.C.**, DeRosa A., Turner A., Young A. J., 2002, MNRAS, 335, L1-5
24. The shape of the relativistic iron  $K\alpha$  line from MCG -6-30-15 measured with the Chandra HETGS and RXTE  
**Lee J.C.**, Iwasawa K., Houck J. C., Fabian A. C., Marshall, H.L., Canizares, C.R., 2002, ApJ, 570, L47
25. Revealing the Dusty Warm Absorber in MCG -6-30-15 with the Chandra HETG  
**Lee J.C.**, Ogle P.M, Canizares C.R., Marshall H.L., Schulz N.S., Morales R., Fabian A.C., Iwasawa I., 2001, ApJ., **554**, L13-17
26. Chandra Observations of the X-ray narrow-line region of NGC 4151  
Ogle P.M., Marshall H.L., **Lee J.C.**, Canizares C.R., 2000, ApJ., **545**, L81-84
27. The X-ray variability of the Seyfert 1 galaxy MCG–6-30-15 from long ASCA and RXTE observations  
**Lee J. C.**, Fabian, A. C., Reynolds C. S., Brandt, W. N., Iwasawa I. 2000, MNRAS, **318**, 857-874
28. First Constraints on Iron Abundance versus Reflection Fraction from the Seyfert 1 Galaxy MCG–6-30-15  
**Lee J. C.**, Fabian A. C., Brandt, W. N., Reynolds C. S., Iwasawa K. 1999, MNRAS, **310**, 973-981
29. An RXTE Observation of the Seyfert 1 Galaxy MCG–6-30-15 : X-ray Reflection and the Iron Abundance  
**Lee J. C.**, Fabian A. C., Reynolds C. S., Iwasawa K., Brandt, W. N., 1998 MNRAS, **300**, 583-588

COSMOLOGY:  
IGM

1. Chandra Discovery of O VIII Resonant Absorption from the Intergalactic Medium Along the sightline Toward PKS 2155-304  
Fang T., Marshall, H.L., **Lee J.C.**, Davis, D., Canizares, C.R., 2002, ApJ, 572, L127-130
2. A Chandra HETG Observation of the Quasar H 1821+643 and its surrounding cluster  
Fang T., Davis D.S., **Lee J.C.**, Marshall H.L., Byran G.L., Canizares C.R., 2002, ApJ., 565, 86-95

COSMOLOGY:  
DARK ENERGY<sup>†</sup>

1. The Distant Type Ia Supernova Rate  
Pain R., Fabbro S., Sullivan M., Ellis R. S., Aldering G., Astier P., Deustua S. E., Fruchter A. S., Goldhaber G., Goobar A., Groom D. E., Hardin D., Hook I. M., Howell D. A., Irwin M. J., Kim A. G., Kim M. Y., Knop R. A., **Lee J.C.**, et al. 2002, ApJ., 577, 120-132
2. The Acceleration of the Universe: Measurements of Cosmological Parameters from Type Ia Supernovae  
Goobar A., Perlmutter S., Aldering G., Goldhaber G., Knop R. A., Nugent P., Castro P. G., Deustua S., Fabbro S., Groom D. E., Hook I. M., Kim A. G., Kim M. Y., **Lee J.C.**, et al., 2000, Physica Scripta Volume T, 85, 47

3. <sup>†</sup> **Measurements of  $\Omega$  and  $\Lambda$  from 42 High-Redshift Supernovae**  
 Perlmutter S., Aldering G., Goldhaber G., Knop R. A., Nugent P., Castro P. G., Deustua S., Fabbro S., Goobar A., Groom D. E., Hook I. M., Kim A. G., Kim M. Y., **Lee J. C.**, Nunes N. J., Pain R., Pennypacker C. R., Lidman C., Ellis R. S., Irwin M., McMahon R. G., Ruiz-Lapuente P., Walton N., Schaefer B., Boyle B. J., Filippenko A. V., Matheson T., Fruchter A. S., Panagia N., Newberg H. J. M., Couch W. J. 1999, *Ap.J.*, **517**, 565-586
4. Measurements of the Cosmological Parameters  $\Omega$  and  $\Lambda$  from the First 7 Supernovae at  $z \geq 0.35$   
 Perlmutter S., Gabi S., Goldhaber G., Groom D. E., Hook I. M., Kim A. G., Kim M. Y. **Lee J. C.**, Pennypacker C. R., Small I. A., Goobar A., Pain R., Ellis R. S., McMahon R. G., Boyle B. J., Bunclark P. S. Carter D., Irwin M.J., Glazebrook K., Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M., Couch W. J., 1997, *Ap. J.*, **483**, 565
5. Implications for the Hubble Constant from the First 7 Supernovae at  $z \geq 0.35$   
 Kim A. G., Gabi S., Goldhaber G., Groom D. E., Hook I. M., Kim M. Y. **Lee J. C.**, Pennypacker C. R., Small I. A., Goobar A., Pain R., Ellis R. S., McMahon R. G., Boyle B. J., Bunclark P. S. Carter D., Irwin M.J., Glazebrook K., Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M., Couch W. J., *et.al*, 1997, *Ap. J. Letters*, **476**, L63
6. Type Ia Supernovae Rate at  $z \sim 0.4$   
 Pain R., Hook I. M., Deustua S., Gabi S., Goldhaber G., Goobar A., Groom D., Kim A. G., Kim M. Y. **Lee J. C.**, Pennypacker C. R., Perlmutter S., Small I. A., Ellis R. S., McMahon R. G., *et al.* 1996, *Ap. J.*, **473**, 356

#### MISC

1. MPLXSTAR: MPI-based Parallelization of the XSTAR Photoionization Program  
 Danehkar, A., Nowak, M. A., **Lee J.C.**, & Smith, R. K. 2018, *PASP*, 130, 024501
2. Chasing the Identification of ASCA Galactic Objects (ChIcAGO) - An X-ray Survey of Unidentified Sources in the Galactic Plane I: Source Sample and Initial Results  
 Anderson, G. E., *et al.*, 2014, *ApJS*, 212, 13
3. Multi-wavelength Observations of the Radio Magnetar PSR J1622-4950 and Discovery of Its Possibly Associated Supernova Remnant  
 Anderson, G. *et al.*, 2012, *ApJ.*, 2012, 751, 53
4. Identification of a Population of X-ray-emitting Massive Stars in the Galactic P lane  
 Anderson, G., *et al*, 2011, *ApJ.*, 727, 105
5. X-ray line emission from the hot stellar wind of  $\theta^1$  Ori C  
 N.S. Schulz, C.R. Canizares, D. Huenemoerder, **J.C. Lee**, 2000, *ApJ.*, **545**, L135-139

#### PRESS RELEASES

1. 2009 March 25 – MICROQUASAR  
*Erratic Black Hole Regulates Itself*  
 Neilsen J. and **Lee J.C.**, 2009, *Nature*, 458, 481  
<sup>1</sup>Chandra release
2. 17 December 2008 – RADIO LOUD AGN  
*Death Star Galaxy Black Hole Fires at Neighboring Galaxy*

---

<sup>†</sup>This discovery paper for cosmic acceleration (by a “dark energy” force) was awarded the 2011 Nobel Prize in Physics to Perlmutter. In 2007, Perlmutter and co-authors, of whom I am one, were awarded the Gruber Cosmology Prize. Both prizes are shared with the competing High-Z team.

<sup>1</sup>[http://chandra.harvard.edu/press/09\\_releases/press\\_032509.html](http://chandra.harvard.edu/press/09_releases/press_032509.html)

Evans D.A., Fong W-F, Hardcastle M.J., Kraft R.P., **Lee J.C.**, Worrall D.M., Birkinshaw M., Croston J.H., Muxlow T.W.B., 2008, 675, 1057

<sup>2</sup>NASA Press Conference; Chandra, Hubble, Spitzer, VLA press release

3. 31 July 2002 – INTERGALACTIC MEDIUM

*Chandra Discovers "Rivers Of Gravity" That Define Cosmic Landscape*

Fang T., Marshall, H.L., **Lee J.C.**, Davis, D., Canizares, C.R., 2002, ApJ, 572, L127

<sup>3</sup>Chandra press release

4. 2000 June 5 – RADIO QUIET AGN

*Chandra observes cloud powered by black hole in distant galaxy*

Ogle P.M., Marshall H.L., **Lee J.C.**, Canizares C.R., 2000, ApJ., **545**, L81

<sup>4</sup>Chandra press

5. 1996 January 16 – DARK ENERGY

*Discovery of Most Distant Supernovae - Indicators of the Fate of the Universe*

By the <sup>†</sup> Supernova Cosmology Project; prepared by the offices of AAS, LBL and NSF

---

<sup>2</sup>[http://chandra.harvard.edu/press/07\\_releases/press\\_121707.html](http://chandra.harvard.edu/press/07_releases/press_121707.html)

<sup>3</sup>[http://chandra.harvard.edu/press/02\\_releases/press\\_073102.html](http://chandra.harvard.edu/press/02_releases/press_073102.html)

<sup>4</sup>[http://chandra.harvard.edu/press/00\\_releases/press\\_060500ngc.html](http://chandra.harvard.edu/press/00_releases/press_060500ngc.html)

1. A Survey of Spin and Relativistic Phenomena in AGN  
Brenneman, L. W., Reynolds, C. S., Fabian, A. C., et al. 2014, *Suzaku-MAXI 2014: Expanding the Frontiers of the X-ray Universe*, 285
2. X-ray transmission and reflection through a Compton-thick medium via Monte-Carlo simulations  
Eikmann, W., Wilms, J., & Lee, J. 2012, Proceedings of “An INTEGRAL view of the high-energy sky (the first 10 years)” - 9th INTEGRAL Workshop and celebration of the 10th anniversary of the launch (INTEGRAL 2012). 15-19 October 2012. Bibliothèque Nationale de France, Paris, France.
3. Solid State Astrophysics: Probing Interstellar Dust and Gas Properties with X-rays  
**Lee J.C.** et al., 2009, White Paper submitted in response to the 2010 Decadal Review for Astronomy and Astrophysics (arXiv:0902.4671)
4. Parallelizing the XSTAR Photoionization Code  
Noble M., Ji L., Young A.J., **Lee J.C.**, 2009, “Astronomical Data Analysis Software and Systems XVIII”, ASP Conference series, in press (arXiv:0901.1582)
5. Intrinsic FUV absorption in Mrk 290  
Kaiser M. E., **Lee J.C.**, Kriss G. A., Marshall H., Fang T., Gibson, R. R. in “Astrophysics in the Far Ultraviolet”, 2005, ASP Conference Series, Eds, Sonneborn, Moos & Andersson
6. Prospects for determining the grain composition of the interstellar medium with Astro E2?  
**Lee J.C.** & Ravel B. in “X-ray Diagnostics of Astrophysical Plasmas: Theory, Experiment, and Observation. AIP Conference Proceedings, Volume 774, 255
7. Black hole systems seen at high spectral resolution : Inflow and Outflow  
**Lee J.C.**, in “From X-ray Binaries to Quasars: Black Hole Accretion on All Mass Scales”, ed. T. J. Maccarone, R. P. Fender, and L. C. Ho (Dordrecht: Kluwer)
8. Probing X-ray Emitting Plasma with High Resolution Chandra and XMM-Newton Spectra  
**Lee, J.C.**, in review, ASP proceedings of IAU Symposium “Atomic Data for X-ray Astronomy”, Eds. Pradhan (astro-ph/0310815)
9. Probing the cosmic X-ray laboratory with the Chandra HETGS Flanagan, Kathryn A.; Canizares, Claude R.; Dewey, Daniel; Fredericks, A.; Houck, J. C.; Lee, J. C.; Marshall, Herman L.; Schattenburg, Mark L., SPIE, 2003, 4851, 45
10. Chandra Detection of the X-ray Absorption from Local Warm/Hot Gas  
Fang, T., Canizares, C.R., Sembach, K., Marshall, H.L., **Lee, J.C.**, and Davis, D.S., in *The IGM/Galaxy Connection: The Baryon Distribution at z=0*, 2002 (astro-ph/0210243)
11. Probing the Cosmic X-ray Laboratory with the Chandra HETGS  
Flangan K. A., Canizares C.R., Dewey D. Fredericks A., Houck J.C., **Lee J. C.**, Marshall H.L., Schattenburg M.L., in *X-Ray and Gamma-Ray Telescopes and Instruments for Astronomy*, Eds. J. Truemper & H. Tanabaum, 2002, SPIE 4851, in press
12. The Chandra HETGS and RXTE view of GRS 1915+105 **Lee J. C.**, Reynolds C.S., Remillard R., Schulz N.S., Blackman E.G., Fabian A.C., in *Proceedings of the 4th Microquasar Workshop*, 2002, eds. Durouchoux, Fuchs & Rodriguez, in press (astro-ph/0208187)
13. Probing MCG–6-30-15 with the Chandra HETGS  
**Lee J. C.**, et al. in *X-ray Spectroscopy of AGN with Chandra and XMM-Newton* MPE report, eds Th. Boller, S. Komossa, S. Kahn, H. Kunieda, 2002, vol 279, 9 (<http://www.xray.mpe.mpg.de/~bol/agnspec/programm.html>)

14. Chandra probes the dusty warm absorber in the Seyfert 1 galaxy MCG–6-30-15  
**Lee J. C.**, et al. 2001  
 Invited ‘debate’ at ‘X-ray Emission from Accretion onto Black Holes’ - J. Hopkins  
 (<http://www.pha.jhu.edu/groups/astro/workshop2001/papers/>, and [astro-ph/0110634](mailto:astro-ph/0110634))
15. X-Ray Plasma Diagnostics of Stellar Winds in Young Massive Stars  
 N.S.Schulz, C.R.Canizares, D.P.Huenemoerder, **J.C.Lee**, K.Tibetts in ”Stellar Cor-  
 nae in the Chandra and XMM-Newton Era”, ASP Conference Series, Vol. TBD, 2001  
 ([astro-ph/0110035](mailto:astro-ph/0110035))
16. Chandra - ASCA - RXTE observations of microquasar GRS 1915+105  
**Lee J. C.**, Schulz N.S., Reynolds C. S., Fabian A. C., Blackman E.G., 2001  
 X-ray Astronomy 2000’, Eds. R. Giacconi, L. Stella and S. Serio, ASP Conference  
 Proceedings, in press, ([astro-ph/0012111](mailto:astro-ph/0012111))
17. A Simultaneous ASCA and RXTE Long-Look at the Seyfert 1 Galaxy MCG–6-30-15  
**Lee J. C.**, Fabian A. C., Iwasawa K., Brandt, W. N., Reynolds C. S.  
 ‘High Energy Processes in Accreting Black Holes’, Eds. J. Poutanen & R. Svensson,  
 1999, ASP Conference Proceedings, 161, 216
18. An RXTE Observation of MCG–6-30-15 : Constraints on the Iron Abundance and  
 Reflective Fraction Relationship  
**Lee J. C.**, Fabian A. C., Reynolds C. S., Iwasawa K., Brandt, W. N.  
 ‘The Active X-ray Sky’, 1998, Nuclear Phys B Proc Suppl., 486
19. RXTE Detection of Broad Iron Line and Reflection Continuum in MCG–6-30-15  
**Lee J. C.**, Fabian A.C., Reynolds C.S., Iwasawa K., Brandt W.N.,  
 ‘Accretion Processes in Astrophysical Systems : Some Like it Hot’, Eds. S.S. Holt  
 & T.R. Kallman, 1997, AIP Conference Proceedings, 431, 195 (1998)
20. High-redshift Supernova Discoveries on Demand: First Results from a New Tool for  
 Cosmology and Bounds on  $q_0$   
 S. Perlmutter, et al. *Nuclear Physics B (Proc. Suppl.)*,

† NATO Advanced Study Institute - Thermonuclear Supernovae  
*(Thermonuclear Supernovae, NATO ASI, ed. R. Canal, P. Ruiz-LaPuente, J. Isern )*

21. Scheduled Discoveries of 7+ High Redshift Supernovae: 1st Cosmology Results and  
 Bounds on  $q_0$   
 Supernova Cosmology Project : Perlmutter S., Deustua S., Gabi S., Goldhaber G.,  
 Groom D., Hook I. Kim A. G., Kim M. Y. **Lee J.**, Pain R., Pennypacker C., Small  
 I., Goobar A., Ellis R. S., Glazebrook K., McMahon R. G., Boyle B., Bunclark P. S.  
 Carter D., Irwin M.J., Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M.,  
 Couch W..([astro-ph/9602122](mailto:astro-ph/9602122))
22. K-Correction for Type Ia Supernovae and a Test for Spatial Variation of the Hubble  
 Constant  
 Kim A., Deustua S., Gabi S., Goldhaber G., Groom D., Hook I. Kim A. G., Kim  
 M. Y. **Lee J.**, Pain R., Pennypacker C., Perlmutter S., Small I., Goobar A., Ellis R.  
 S., Glazebrook K., McMahon R. G., Boyle B., Bunclark P. S. Carter D., Irwin M.J.,  
 Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M., Couch W. ([astro-ph/9602123](mailto:astro-ph/9602123))
23. Observations of Cosmological Time Dilation Using Type Ia Supernovae as Clocks  
 Goldhaber G., Deustua S., Gabi S., Goldhaber G., Groom D., Hook I., Kim A. G.,  
 Kim M. Y. **Lee J.**, Pain R., Pennypacker C., Perlmutter, Small I., Goobar A., Ellis R.  
 S., Glazebrook K., McMahon R. G., Boyle B., Bunclark P. S. Carter D., Irwin M.J.,  
 Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M., Couch W. ([astro-ph/9602124](mailto:astro-ph/9602124))

24. The Type Ia Supernova Rate at  $z \sim 0.4$ ; By Supernova Cosmology Project  
Pain R., Hook I., Perlmutter S. Deustua S., Gabi S., Goldhaber G., Groom D., Hook  
I. Kim A. G., Kim M. Y. **Lee J.**, Pennypacker C., Small I., Goobar A., Ellis R. S.,  
Glazebrook K., McMahon R. G., Boyle B., Bunclark P. S., Carter D., Irwin M.J.,  
Newberg H. J. M., Filippenko A. V., Matheson T., Dopita M., Couch W. (astro-  
ph/9602125)