

PUBLICATIONS

I. Refereed Journals¹

Bandyopadhyay R.M., Silk J.I., Taylor J.E., & Maccarone T.J. “On the Origin of the 511 keV Emission in the Galactic Centre”, 2008, MNRAS, *in press* (astro-ph/0810.3674).

Muno M.P., Bauer F.E., Baganoff F.K., **Bandyopadhyay R.M.**, Bower G.C., Brandt W.N., Broos P.S., Cotera A., Eikenberry S.S., Garmire G.P., Hyman S.D., Kassim N.E., Lang C.C., Law C., Lazio T.J.W., Mauerhan J.C., Morris M.R., Nagata T., Nishiyama S., Park S., Ramirez S.V., Stolovy S.R., Wijnands R., Wang Q.D., Wang Z., & Yusef-Zadeh F. “A Catalog of X-ray Point Sources from Two Megaseconds of Chandra Observations of the Galactic Center”, 2008, ApJSS, *submitted* (astro-ph/0809.1105).

Gosling A.J.†, **Bandyopadhyay R.M.**, & Blundell K.M. “The Complex, Variable Near-Infrared Extinction towards the Nuclear Bulge”, 2008, MNRAS, *submitted*.

Mikles V.J., Eikenberry S.S., **Bandyopadhyay R.M.**, & Muno M.P. “Discovery and Interpretation of an X-ray Period in the Galactic Center Source CXOGC J174536.1-2856”, 2008, ApJ, *in press* (astro-ph/0807.0657).

Kaplan D.L., Hyman S.D., Roy S., **Bandyopadhyay R.M.**, Chakrabarty D., Kassim N.E., Lazio T.J.W., & Ray P.S. “A Search for the Near-IR Counterpart to GCRT J1745-3009”, 2008, ApJ, 687, 262.

Lucas P.W., Hoare M.G., Longmore A., Schroder A.C., Davis C.J., Adamson A.J., **Bandyopadhyay R.M.**, de Grijs R., Smith M., Gosling A., Mitchison S., Gaspar A., Coe M., Tamura M., Parker Q., Irwin M., Hambly N., Byant J., Collins R.S., Cross N., Evans D.W., Gonzales-Solares E., Hodgkin S., Lewis J., Read M., Riello M., Sutorius E.T.W., Lawrence A., Drew J.E., & Dye S. “The UKIDSS Galactic Plane Survey”, 2008, MNRAS, 391, 136.

Gosling A.J.†, **Bandyopadhyay R.M.**, Miller-Jones J.C.A., & Farrell S.A. “GRO J1744-28, Search for the Counterpart: Infrared Photometry and Spectroscopy”, 2007, MNRAS, 380, 1151.

Determan J.R., Budzien S.A., Kowalski M.P., Lovellette M.N., Ray P.S., Wolff M.T., Wood K.S., Titarchuk L. & **Bandyopadhyay R.M.** “Measuring Atmospheric Density with X-ray Occultation Sounding”, 2007, Journal of Geophysical Research, Vol 112, Issue A6.

Warren S.J., Hambly N.C., Dye S., Almaini O., Cross N.J.G., Edge A.C., Foucaud S., Hewett P.C., Hodgkin S.T., Irwin M.J., Jameson R.F., Lawrence A., Lucas P.W., Adamson A.J., **Bandyopadhyay R.M.**, Bryant J., Collins R.S., Davis C.J., Dunlop J.S., Evans D.W., Gonzales-Solares E.A., Hirst P., Jarvis M.J., Kendall T.R., Kerr T.H., Leggett S.K., Lewis J.R., Mann R.G., McLure R.J., McMahon R.G., Mortlock D.J., Rawlings M.G., Read M.A., Riello M., Simpson C., Smith D.J.B., Sutorius E.T.W., Targett T.A., Varricatt W.P., “The UKIRT Infrared Deep Sky Survey First Data Release”, 2007, MNRAS, 375, 213.

¹A dagger (†) after the first author name denotes a paper describing work done by a graduate student while under my supervision for his/her PhD thesis.

Mikles V.J., Eikenberry S.S., Munro M.P., **Bandyopadhyay R.M.**, & Patel S., “Identification of the Infrared Counterpart to a Newly Discovered X-ray Source in the Galactic Center”, 2006, ApJ, 651, 408.

Munro M.P., Bauer F.E., **Bandyopadhyay R.M.**, & Wang Q.D., “A Chandra Catalog of X-ray Sources in the Central 150 pc of the Galaxy”, 2006, ApJS, 165, 173.

Gosling A.J.†, Blundell K.M., & **Bandyopadhyay R.M.** “Complex Small-Scale Structure in the Infrared Extinction towards the Galactic Centre”, 2006, ApJL, 640, L171.

Bandyopadhyay R.M., Miller-Jones J.C.A., Blundell K.M., Bauer F.E., Podsiadlowski Ph., Gosling A.J., Wang Q.D., Pfahl E., & Rappaport S. “An Infrared Imaging Survey of the Faint Chandra Sources near the Galactic Centre”, 2005, MNRAS, 364, 1195.

Brocksopp C., **Bandyopadhyay R.M.**, & Fender R.P. “Soft X-ray Transient’ Outbursts Which Are Not Soft”, 2004, New Astronomy, 9, 249.

Bandyopadhyay R.M., Shahbaz T., & Charles P.A. “Spectroscopic Identification of the Infrared Counterpart to GX5-1”, 2003, MNRAS, 340, L13.

Tournear D., Raffauf E., Bloom E.D., Focke W., Giebels B., Godfrey G., Saz Parkinson P.M., Reilly K.T., Wood K. S., Ray P.S., Wolff M.T., **Bandyopadhyay R.M.**, Lovellette M.N., & Scargle J. “X-ray Bursts in Neutron Star and Black Hole Binaries from USA Experiment and RXTE Data: Detections and Upper Limits”, 2003, ApJ, 595, 1058.

Wolff M.T., Hertz P., Wood K.S., Ray P.S., & **Bandyopadhyay R.M.** “Eclipse Timings of the Low Mass X-ray Binary EXO0748-676: III. An Apparent Orbital Period Glitch Observed with USA and RXTE”, 2002, ApJ, 575, 384.

Giebels B., Bloom E.D., Focke W., Giebels B., Godfrey G., Madejski G., Reilly K.T., Saz Parkinson P., Shabad G., Ray P.S., **Bandyopadhyay R.M.**, Wood K.S., Wolff M.T., Fritz G.G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D.J., & Scargle J. “Observation of X-ray Variability in the BL Lac Object 1ES1959+65”, 2002, ApJ 571, 763.

Bandyopadhyay R.M., Charles P.A., Shahbaz T., & Wagner R.M. “Infrared Photometric Variability of GX13+1 and GX17+2”, 2002, ApJ 570, 793.

Wood K.S., Titarchuk L., Ray P.S., Wolff M.T., Lovellette M.N. & **Bandyopadhyay R.M.** “Disk Diffusion Propagation Model for the Outburst of XTE J1118+480”, 2001, ApJ 563, 246.

Reilly K.T., Bloom E.D., Focke W., Giebels B., Godfrey G., Saz Parkinson P., Shabad G., Ray P.S., **Bandyopadhyay R.M.**, Wood K.S., Wolff M.T., Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D.J., & Scargle J.D. “USA Experiment Observation of Spectral and Timing Evolution During the 2000 Outburst of XTE J1550-564”, 2001, ApJL 561, L183.

Eikenberry, Stephen S. & **Bandyopadhyay, Reba M.** “On the Mass-Donating Star in GRS 1915+105”, 2000, ApJL 545, L131.

Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T., Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., Bloom E., Giebels B., Godfrey G., Reilly K., Saz Parkinson P., Shabad G., & Scargle J. “USA and *RXTE* Observations of a Variable Low-Frequency QPO in XTE J1118+480”, 2000, *ApJL* 544, L45.

Bandyopadhyay R.M., Shahbaz T., Charles P.A., & Naylor T. “Infrared spectroscopy of low-mass X-ray binaries II”, 1999, *MNRAS* 306, 417.

Shahbaz T., **Bandyopadhyay R.M.**, & Charles P.A., “Infrared spectroscopy of V616 Mon (=A0620-00): The accretion disc contamination”, 1999, *A&A* 346, 82.

Shahbaz T., **Bandyopadhyay R.M.**, Charles P.A., Wagner R.M., Hakala P., Muhli P., Casares J. & Greenhill J.M. “An ‘outside-in’ outburst of Aql X-1”, 1998, *MNRAS* 300, 1035.

Bandyopadhyay R., Martini P., Gerard E., Charles P.A., Wagner R.M., Shrader C., Shahbaz T., & Mirabel I.F. “Multi-Wavelength Monitoring of GRS 1915+105”, 1998, *MNRAS* 295, 623.

Bandyopadhyay R., Shahbaz T., Charles P.A., van Kerkwijk M.H., & Naylor T. “Infrared spectroscopy of low-mass X-ray binaries”, 1997, *MNRAS* 285, 718.

Mirabel I.F., **Bandyopadhyay R.**, Charles P.A., Shahbaz T., & Rodriguez L.F. “The Superluminal Source GRS 1915+105: A High Mass X-ray Binary?”, 1997, *ApJ* 477, L45.

Shahbaz T., **Bandyopadhyay R.**, Charles P.A., & Naylor T. “V404 Cygni: Limits on the accretion disk contamination”, 1996, *MNRAS* 282, 977.

Bus S.J., Buie M.W., Schleicher D.G., Hubbard W.B., Marcialis R.L., Hill R., Wasserman L.H., Spencer J.R., Millis R.L., Franz O.G., Bosh A.S., Dunham E.W., Ford C.H., Young J.W., Elliot J.L., Meserole R., Olkin C.B., McDonald S.W., Foust J.A., Sopata L.M., & **Bandyopadhyay R.M.** “Stellar Occultation by 2060 Chiron”, 1996, *Icarus* 123, 478.

Elliot J.L., Olkin C.B., Dunham E.W., Ford C.H., Gilmore D.K., Kurtz D., Lazzaro D., Rank D.M., Temi P., **Bandyopadhyay R.M.**, Barroso J., Barucci A., Bosh A.S., Buie M.W., Bus S.J., Dahn C.C., Foryta D.W., Hubbard W.B., Lopes D.F., Marcialis R.L., McDonald S.W., Millis R.L., Reitsema H., Schleicher D.G., Sicardy B., Stone R.P.S., & Wasserman L.H. “Jet-like features near the nucleus of Chiron”, 1995, *Nature* 373, 46.

II. In Preparation

Gosling A.J.†, **Bandyopadhyay R.M.**, & Blundell K.M. “Near-Infrared Counterparts to the Chandra Nuclear Bulge and Galactic Centre X-ray Sources”, 2008, *MNRAS*, *in prep.*

Edwards M.L.†, **Bandyopadhyay R.M.**, Eikenberry S.S., Moon D-S., & Mikles V.J. “A Near-Infrared Narrow-band Imaging Survey for Massive Stars in Cl 1806-20”, 2008, *MNRAS*, *in prep.*

McNamara B.J., Harrison T.E., Bornak J., Rupen M.P., **Bandyopadhyay R.M.**, & Wachter S. “A Possible Period for the K-band Brightening Episodes of GX17+2”, 2008, *ApJ*, *in prep.*

Edwards M.L.†, Eikenberry S.S., & **Bandyopadhyay R.M.** “Locations of Luminous Blue Variables in their Host Clusters”, 2008, ApJ, *in prep.*

III. Conference Proceedings

Bandyopadhyay R.M., Gosling A.J., Eikenberry S.S., Muno M.P., Blundell K.M., Podsiadlowski Ph., Mikles V.J., & DeWitt C. “Exploring a New Population of Compact Objects: X-ray and IR Observations of the Galactic Centre”, 2008, in Proceedings of “The Second Kolkata Conference on Observational Evidence for Black Holes in the Universe”, ed. S. Charkrabarti, Kolkata, India; AIP Conf. Series, Vol 1053, p. 87.

Raines S.N., Boreman G.D., Eikenberry S.S., **Bandyopadhyay R.M.**, & Quijano I. “The University of Florida’s Next-Generation Cryogenic Infrared Focal Plane Array Controller System,” 2008, Ground-based and Airborne Instrumentation for Astronomy. McLean I.S. & Casali M.M., eds. Proceedings of the SPIE, Vol. 7014, pp. 70146M.

Raines S.N., Eikenberry S.S., **Bandyopadhyay R.M.**, Julian J.A., Hanna K.T., Warner C.D., Julian R.E., Bennett J.G., DeWitt C.N., Frommeyer S., Gonzalez A., Herlevich M.D., & Murphey C. “Characterization and Testing of FLAMINGOS-2: the Gemini Facility Near-Infrared Multi-Object Spectrometer and Wide-Field Imager,” 2008, Ground-based and Airborne Instrumentation for Astronomy. McLean I.S. & Casali M.M., eds. Proceedings of the SPIE, Vol. 7014, pp. 70143C.

Edwards, M.L., Eikenberry S.S., Charcos-Llorens M., Marin-Franch A., Lasso N., Raines S. N., Julian J., Hanna K., Packham C., Rodgers M., & **Bandyopadhyay R.M.** “The Canarias InfraRed Camera Experiment (CIRCE): Progress of the Opto- and Cryo- Mechanical Design and Manufacture,” 2008, Ground-based and Airborne Instrumentation for Astronomy. McLean I.S. & Casali M.M., eds. Proceedings of the SPIE, Vol. 7014, pp. 70142L.

Eikenberry S.S., Elston R., Raines S.N., Julian J.A., Hanna K.T., Warner C.D., Julian R.E., **Bandyopadhyay R.M.**, Bennett J.G., Bessoff A., Branch M., Corley R., DeWitt C.N., Eriksen J., Frommeyer S., Gonzalez A., Herlevich M.D., Hon D., Marin-French A., Marti J., Murphey C., Rambold W., Rashkin D., Leckie B., Gardhouse W.R., Fletcher M., Hardy T., Dunn J., & Wooff R. “FLAMINGOS-2: the Facility Near-Infrared Wide-Field Imager and Multi-Object Spectrograph for Gemini,” 2008, Ground-based and Airborne Instrumentation for Astronomy. McLean I.S. & Casali M.M., eds. Proceedings of the SPIE, Vol. 7014, pp. 70140V.

Bandyopadhyay R.M., Eikenberry S.S., DeWitt C., Gosling A.J., & Muno M.P. “The Path to Buried Treasure: Paving the Way to the FLAMINGOS-2 Galactic Center Survey with IR and X-ray Observations”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 159.

Gosling A.J., **Bandyopadhyay R.M.**, Blundell K.M., & Lucas P.W. “Counterparts to the Nuclear Bulge X-ray Source Population”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 117.

Mikles V.J., Eikenberry S.S., Muno, M.P., & **Bandyopadhyay R.M.** “Discovery And Interpretation

of an X-ray Period In The Galactic Center Binary Source CXOGC J174536-2856”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 127.

DeWitt C., Eikenberry S.S., **Bandyopadhyay R.M.**, Blum R., Muno M.P., & Sellgren K., “Candidate Selection for the FLAMINGOS-2 Galactic Center Survey”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 165.

Gosling A.J., Blundell K.M., **Bandyopadhyay R.M.**, & Lucas P.W. “The Nuclear Bulge Extinction”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 168.

Raines S.N., Eikenberry S.S., & **Bandyopadhyay R.M.** “FLAMINGOS-2: A Near-IR Multi-Object Spectrometer Ideal for Surveying the Galactic Center”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 171.

Edwards M.L., Eikenberry S.S., Charcos Llorens M., Lasso N., Julian J., Raines S.N., Packham C., Hanna K., **Bandyopadhyay R.M.**, Marin-French A., & Rodgers J.M. “The Canarias InfraRed Camera Experiment (CIRCE) and the Study of XRBs”, 2008, in Proceedings of “A Population Explosion: The Nature and Evolution of X-ray Binaries in Diverse Environments”, eds. R.M. Bandyopadhyay, S. Wachter, D. Gelino, & C.R. Gelino, St. Pete Beach, FL; AIP Conf. Series, Vol. 1010, p. 186.

Bandyopadhyay R.M., Gosling A.J., Blundell K.M., Eikenberry S.E., Mikles V.J., Podsiadlowski Ph., Miller-Jones J.C.A., & Bauer F.E. “Determining the nature of the faint X-ray source population near the Galactic Centre”, 2007, Proceedings of “First Light Science with the GTC”, eds. R. Guzman, C. Packham, J. M. Rodriguez-Espinosa, & S. Torres-Peimbert; RevMexAA (Serie de Conferencias), Vol. 29, pp. 54-56; Miami, FL.

Bandyopadhyay R.M., Gosling A.J., Blundell K.M., Podsiadlowski Ph. Eikenberry S.E., Mikles V.J., Miller-Jones J.C.A., & Bauer F.E. “Determining the nature of the faint X-ray source population near the Galactic Centre”, 2006, Proceedings of “VI Microquasar Workshop: Microquasars and Beyond”, 18-22 Sept. 2006, Como, Italy.

Gosling A.J., **Bandyopadhyay R.M.**, & Blundell K.M. “Galactic centre X-ray sources”, 2006, in Proceedings of “The Multicoloured Landscape of Compact Objects and their Explosive Origins”, Cefalu, Sicily. AIP Conf. Series, Volume 924, p. 893.

Eikenberry S., Elston R., Raines S.N., Julian J., Hanna K., Hon D., Julian R., **Bandyopadhyay R.**, Bennett J.G., Bessoff A., Branch M., Corley R., Eriksen J-D., Frommeyer S., Gonzalez A., Herlevich M., Marin-French A., Marti J., Murphey C., Rashkin D., Warner C., Leckie B., Gardhouse W.R., Fletcher M., Dunn J., Wooff R., Hardy T. “FLAMINGOS-2: the facility near-infrared wide-field imager and multi-object spectrograph for Gemini”, 2006, Ground-based and Airborne Instrumentation for Astronomy. McLean I.S. & Iye M., eds. Proceedings of the SPIE, Vol. 6269, pp. 626917.

Bandyopadhyay R.M., Miller-Jones J.C.A., Blundell K.M., Bauer F.E., Podsiadlowski Ph., Wang Q.D., Rappaport S., & Pfahl E. “Exploring the Nature of Weak Chandra Sources near the Galactic Centre”, 2004, in Proc. of “Interacting Binaries: Accretion, Evolution, and Outcomes”, eds. L. A. Antonelli et al., AIP, Cefalu, Sicily, AIPC 797, 410 (astro-ph/0501327).

Wachter S., Wellhouse J.W., & **Bandyopadhyay R.M.** “Chandra Localizations of LMXBs: IR Counterparts and their Properties”, 2005, in Proc. of “Interacting Binaries: Accretion, Evolution, and Outcomes”, eds. L. A. Antonelli et al., AIP, Cefalu, Sicily, AIPC 797, 639 (astro-ph/0412499).

Lucas, P.W. & **Bandyopadhyay R.M.** “FMOS and UKIDSS Galactic Astronomy”, 2004, in “Proc. of the FMOS Science Workshop”, Kyoto, Japan.

Bandyopadhyay R.M., Blundell K.M., Podsiadlowski Ph., Miller-Jones J.C.A., Wang Q.D., Brandt W.N., Rappaport S., & Pfahl E. “Exploring the Nature of Weak Chandra Sources near the Galactic Centre”, 2004, in “Proc. of IAU Colloquium 194: Compact Binaries in the Galaxy and Beyond”, RevMexAA(SC) Conference Series, 20, 261; La Paz, Mexico.

Bandyopadhyay R.M., Brocksopp C., & Fender R.P. “The hard truth about some ‘soft’ X-ray transients”, 2002, in “New Views on Microquasars, the Fourth Microquasar Workshop”, Ph. Durouchoux, Y. Fuchs, & J. Rodriguez, eds. Center for Space Physics, Kolkata, India, 35.

Ray P.S., Wood K.S., Titarchuk L., Wolff M.T., Lovellette M.N., & **Bandyopadhyay R.M.**. “Disk Diffusion Propagation Model for the Outburst of XTE J1118+480”, in proceedings of “X-ray Emission from Accretion onto Black Holes”. Baltimore, MD, June 2001, eds. T. Yaqoob and J.H. Krolik, published electronically (<http://www.pha.jhu.edu/groups/astro/workshop2001/>).

Ray P.S., Wood K.S., Fritz G., Hertz P., Kowalski M., Johnson W.N., Lovellette M.N., Wolff M.T., Yentis D., **Bandyopadhyay R.M.**, Bloom E.D., Giebels B., Godfrey G., Reilly K., Saz Parkinson P., Shabad G., Michelson P., Roberts M., Leahy D.A., Cominsky L., Scargle J., Beall J., Chakrabarty D., & Kim Y. “The USA X-ray Timing Experiment”, 2001, in “Proceedings of X-ray Astronomy 1999”, N.E. White, G. Malaguti, & G.G.C. Palumbo, eds. Bologna, Italy, AIP, Vol. 599, 336.

Focke W., Bloom E.D., Giebels B., Godfrey G., Reilly K.T., Saz Parkinson P., Shabad G., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T., Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., & Scargle J. “Shot Noise in USA lightcurves of XTE J1118+480 and Cygnus X-1”, 2001, in “20th Texas Symposium on relativistic astrophysics”, J.C. Wheeler & H. Martel, eds. Austin, Texas, AIP, Vol. 586, 690.

Bandyopadhyay R.M., Giebels B., Wood K.S., Hertz P., Lovellette M.N., Ray P.S., Wolff M.T., & Bloom E.D. “Observations of GRS 1915+105 with the USA Experiment on ARGOS”, in “Proceedings of the Third Microquasar Workshop on Galactic Relativistic Jet Sources”, Granada, Spain. Astrophysics and Space Science, eds. Castro-Tirado A.J., Greiner J., & Paredes J.M. 2001, Kluwer, Ap&SS, 276, 23.

Eikenberry, Stephen S. & **Bandyopadhyay, Reba M.** “On the Mass-Donating Star in GRS 1915+105”, in “Proceedings of the Third Microquasar Workshop on Galactic Relativistic Jet Sources”, Granada, Spain. Astrophysics and Space Science, eds. Castro-Tirado A.J., Greiner J., & Paredes J.M. 2001, Kluwer, Ap&SS, 276, 39.

Giebels B., Wood K.S., **Bandyopadhyay R.M.**, Bloom E., Focke W., Fritz G., Godfrey G., Hertz P., Kowalski M.P., Lovellette M.N., Ray P.S., Reilly K., Saz Parkinson P., Scargle J., Shabad G., Wolff M.T., Yentis D. “X-ray Observations of Mkn 421 with USA”, 2000, in “Proceedings of High Energy Gamma Ray Astronomy”, Heidelberg, Germany, AIP.

Bandyopadhyay R.M., Giebels B., Wood K.S., Hertz P., Lovellette M.N., Ray P.S., Wolff M.T., & Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Saz Parkinson P., Shabad G., Scargle J., & Titarchuk L. “Observations of the Microquasar GRS 1915+105 with the USA Experiment on ARGOS”, in proceedings of “Rossi2000: Astrophysics with the Rossi X-ray Timing Explorer” March 2000, NASA Goddard Space Flight Center, Greenbelt, MD USA, p. E98.

Bandyopadhyay R., Shahbaz T., Charles P.A., van Kerkwijk M.H., & Naylor T. “Infrared spectroscopy of low-mass X-ray binaries”, in “Proc. of the 13th North American Workshop on Cataclysmic Variables,” 1998, eds. S. Howell, E. Kuulkers, & C. Woodward, ASP, p. 487.

Bandyopadhyay R., Martini P., Gerard E., Charles P.A., Wagner R.M., Shrader C., Shahbaz T., & Mirabel I.F. “Multi-Wavelength Monitoring of GRS 1915+105”, in “Proceedings of the Fourth Compton Symposium,” 1997, eds. C. D. Dermer, M. S. Strickman, and J. D. Kurfess, AIP Conf. Proc. 410 (New York: AIP), p.892.

Elliot J.L., Dunham E.W., Olkin C.B., Ford C.H., Stone R.P.S., McDonald S.W., **Bandyopadhyay R.M.**, Gilmore D.K., Rank D.M., Temi P., Lazzaro D., Hubbard W.B., Reitsema H., Barucci A., Barroso J., Bus S.J., Lopes D.F., Buie M.W., Sicardy B., Marcialis R.L., Foryta D.W., & Kurtz D. “Occultation by 2060 Chiron”, 1994, IAU Circ. 5965.

IV. Abstracts

Mikles V.J., Eikenberry S.S., **Bandyopadhyay R.M.**, & Muno, M.P. “Discovery And Interpretation of an X-ray Period In The Galactic Center Binary Source CXOGC J174536-2856”, 2007, AAS Meeting 211, BAAS, #03.07.

Wachter S., **Bandyopadhyay R.**, Brinkworth C., Hoard D., Kouveliotou C., & Pretorius M. “Spitzer Space Telescope Observations of Compact Objects”, 2007, AAS Meeting 210, BAAS, #20.04.

Wachter S., **Bandyopadhyay R.M.**, Markoff S., & Smale A.P. “Jets in Neutron Star X-ray Binaries: A Multi-Wavelength Study of Sco X-1”, 2006, AAS HEAD meeting #9, BAAS, 38, 334, #1.32.

Ahumada A.V., Minniti D., Adamson A., **Bandyopadhyay R.**, Barb R., Barbuy B., Barlow M., Bedin L., Bica E., Borissova J., Bronfman L., Carraro G., Casassus S., Catelan M., Clari J., Cropper M., Dalton N., de Grijs R., Drew J., Eisloffel J., Emerson J., Fabregat J., Garca P., Geisler D., Giannini T., Gieren W., Goldman B., Gosling A., Groot P., Hambly N., Hoare M., Irwin M., Ivanov V., Kerber L., Kurtev R., Longmore A., Lopez-Corredoira M., Lucas P., Lucey J., McGowan K., Mennickent R., Messineo M., Mirabel F., Monaco L., Morelli L., Naylor T., Pietrzynski G., Pignata G., Rejkuba M., Ruiz M.T., Saviane I., Schreiber M., Schroeder A., Stephens A., Tappert C., Thompson M., Vanzi L., Walton N., White G., Zijlstra A., & Zoccali M. “Vista Variables in the Via Lactea (VVV)”, 2006, Exploiting Large Surveys for Galactic Astronomy, 26th meeting of the IAU, Joint Discussion 13, 22-23 Aug. 2006, Prague, Czech Republic, JD13, #50.

Eikenberry S.S., Blum R., **Bandyopadhyay R.M.**, Munro M.P., Sellgren K., Olsen K., & the F2GCS Team. “The FLAMINGOS-2 Galactic Center Survey” 2005, AAS Meeting 207, BAAS, 207, #181.20.

Mikles V.J., Eikenberry S.S., Munro M.P., **Bandyopadhyay R.M.**, & Patel S.G. “Galactic Center X-ray Binary Candidate Screams for Attention”, 2005, AAS Meeting 207, BAAS, 207, #06.03.

Bandyopadhyay R.M., Blundell K.M., Miller-Jones J.C.A., Podsiadlowski Ph., Bauer F.E., Wang Q.D., Rappaport S., Pfahl E., & Brandt W.N. “First Infrared Observations of Faint Chandra Sources near the Galactic Centre”, 2004, American Astronomical Society (AAS) High Energy Astrophysics Division (HEAD) Meeting 8, BAAS, #17.07.

Tourneer, D., Raffauf E., Bloom E.D., Focke W., Giebels B., Godfrey G., Saz Parkinson P.M., Reilly K.T., Shabad G., Ray P.S., Wood K.S., Wolff M.T, **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., & Yentis D., & Scargle J. “X-ray Bursts in Neutron Star and Black Hole Binaries from USA Data: Detections and Upper Limits”, 2003, AAS HEAD Meeting 35, BAAS, #17.17.

Wood K.S., Ray P.S., Wolff M.T., Lovellette M.N., Titarchuk L., **Bandyopadhyay R.M.**, Bloom E.D., Saz Parkinson P., Tourneer, D., Focke W., Reilly K.T., Giebels B., & Scargle J. “A Diffusion Model Applied to Soft X-ray Transients and Other X-ray Sources”, 2003, AAS HEAD Meeting 35, BAAS, #17.12.

Focke W., Jiang Y., Tourneer, D., Bloom E.D., Giebels B., Godfrey G., Saz Parkinson P., Reilly K.T., Shabad G., Wood K.S., **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Ray P.S., Wolff M.T, Yentis D., & Scargle J. “Broadband Variability in USA and RXTE Lightcurves of Accreting X-Ray Sources”, 2003, AAS HEAD Meeting 35, BAAS, #11.09.

Bandyopadhyay R.M., Shahbaz T., & Charles P.A. “Spectroscopic Identification of the Infrared Counterpart to GX5-1”, 2002, AAS Meeting 201, BAAS, 34, 1199, #54.07.

Focke W., Bloom E.D., Giebels B., Godfrey G., Jiang Y., Saz Parkinson P., Reilly K.T., Shabad G., Tourneer, D., Wood K.S., **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Ray P.S., Wolff M.T, Yentis D., & Scargle J. “Broadband Variability in USA and RXTE Lightcurves of Accreting X-Ray Sources”, 2002, AAS Meeting 201, BAAS, 34, 1123, #15.07.

Tourneer, D., Saxena, R., Bloom E.D., Focke W., Giebels B., Godfrey G., Saz Parkinson P.M., Reilly K.T., Shabad G., Wood K.S., **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Ray P.S., Wolff M.T, Yentis D., & Scargle J. “Analysis of the 1999 Outburst of Black Hole Candidate 4U 1630-472”, 2002, AAS Meeting 201, BAAS, 34, 1123, #15.06.

Saz Parkinson P.M., Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Shabad G., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., & Scargle J. “What is Circinus X-1?”, 2002, AAS HEAD Meeting 2002, APR02, #N17.101.

Hertz P.L., Wolff M.T., Ray P.S., Wood K.S., Smale A.P., & **Bandyopadhyay R.M.** “Eclipse Observations of EXO0748-676 and X1658-298 with USA and RXTE”, 2002, AAS HEAD Meeting 2002, APR02, #N17.099.

Bandyopadhyay R.M., Eikenberry S.S., Fierce B.W., Charles P.A., Shahbaz T., Wagner R.M., Willner S.P., Tollestrup E.V., Matthews K., & Murphy T.W. “Multi-wavelength Observations of the Microquasar GRS 1915+105 in May-September 1997”, 2001, American Astronomical Society (AAS) Meeting 197, BAAS, 32, 1545, #83.18.

Bandyopadhyay R.M., Wood K.S., Ray P.S., Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Saz Parkinson P., Shabad G., Scargle J., & Titarchuk L. “Observations of the Microquasar GRS 1915+105 with the USA Experiment on ARGOS”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1232, #31.03.

Wood K.S. & the USA Experiment Science Working Group, “USA Observations of Transient Black Hole Candidate Sources”, 2000, AAS HEAD Meeting 32, BAAS, #35.01.

Ray P.S., Wood K.S., **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Wolff M.T., Yentis D., Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Saz Parkinson P., Shabad G., Scargle J., Backer D., & Somer A. “Timing Calibration of the USA Experiment”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1260, #43.09.

Wolff M.T., Wood K.S., Ray P.S., Chakrabarty D., **Bandyopadhyay R.M.**, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., Saz Parkinson P., Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Shabad G., & Scargle J. “USA and RXTE Observations of SMC X-1”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1218, #24.05.

Focke W., Scargle J., Bloom E.D., Giebels B., Godfrey G., Reilly K.T., Saz Parkinson P., Shabad G., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., & Yentis D. “Shot Noise in USA lightcurves of Black Hole Transient XTE J1118+480”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1233, #31.08.

Bloom E.D., Godfrey G., Focke W., Giebels B., Saz Parkinson P., Reilly K.T., Shabad G., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., & Scargle J. “Comparing XTE 1118+480 and Cyg-X1 using USA X-ray Power Spectra”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1233, #31.09.

Saz Parkinson P., Bloom E.D., Focke W., Giebels B., Godfrey G., Reilly K.T., Shabad G., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., & Scargle J. “USA observations of Circinus X-1”, 2000, AAS HEAD Meeting 32, BAAS, 32, 1218, #24.08.

Reilly K.T., Shabad G., Bloom E.D., Focke W., Giebels B., Godfrey G., Saz Parkinson P., Wood K.S., Ray P.S., **Bandyopadhyay R.M.**, Wolff M.T, Fritz G., Hertz P., Kowalski M.P., Lovellette M.N., Yentis D., & Scargle J. “High-Frequency Variability and Energy Dependence of 5 Hz QPO in Black Hole Transient XTE J1859+226”, 2000, AAS HEAD Meeting 32, BAAS, 1232, #31.04.

Hertz P.L., Wood K.S., Fritz G., Johnson W.N., Lovellette M.N., Ray P.S., Wolff M.T., **Bandyopadhyay R.M.**, Bloom E.D., Chaput C., Godfrey G., Saz Parkinson P., Shabad G., Michelson P., Roberts M., Leahy D.A., Cominsky L., Scargle J., Beall J., Chakrabarty D., & Kim Y. “Early Science Results from the USA Experiment”, 1999, AAS Meeting 195, BAAS, 31, 1425, #39.01.

Wood K.S., Fritz G., Hertz P.L., Johnson W.N., Lovellette M.N., Ray P.S., Wolff M.T., **Bandyopadhyay R.**, Bloom E.D., Chaput C., Godfrey G., Saz Parkinson P., Shabad G., Michelson P., Roberts M., Leahy, D.A., Cominsky L., Scargle J., Beall J., Chakrabarty D., & Kim Y. “Initial Results from the USA Experiment on ARGOS”, 1999, AAAS Meeting 194, BAAS, 31, 1001, #103.03.

Wood K.S., Fritz G., Hertz P.L., Johnson W.N., Lovellette M.N., Ray P.S., Wolff M.T., **Bandyopadhyay R.**, Bloom E.D., Chaput C., Godfrey G., Saz Parkinson P., Shabad G., Michelson P., Roberts M., Leahy, D.A., Cominsky L., Scargle J., Beall J., Chakrabarty D., & Kim Y. “Initial Results from the USA Experiment on ARGOS”, 1999, AAS HEAD meeting 31, BAAS, 31, 740, #37.01.

Bandyopadhyay R.M., Shahbaz T., Charles P.A., & Naylor T. “Infrared spectroscopy of low-mass X-ray binaries”, 1999, AAS HEAD meeting 31, BAAS, 31, 713, #15.12.

Elliot J.L., Olkin C.B., Dunham E.W., Ford C.H., Gilmore D.K., Rank D.M., Temi P., Kurtz D., **Bandyopadhyay R.M.**, Bus S.J., McDonald S.W., Barroso J., Lazzaro D., Lopes D.F., Barucci A., Bosh A.S., Buie M.W., Millis R.L., Wasserman L.H., Dahn C.C., Foryta D.W., Hubbard W.B., Marcialis R.L., Reitsema H., Sicardy B., & Stone R.P.S., 1994. “Material near the Nucleus of 2060 Chiron from Stellar Occultation Observations”, AAS Division of Planetary Science (DPS) Meeting 26, BAAS, 26, 1153, #24.06.

Marcialis R.L., Hubbard W.B., Hill R., Bus S.J., Elliot J.L., Olkin C.B., McDonald S.W., Foust J., Sopata L., **Bandyopadhyay R.M.**, Meserole R., Buie M.W., Spencer J.R., Wasserman L.H., Millis R., Dunham E.W., Beichman C.A., Jarrett T.H., Young J., Ford C.H., & Herter T, 1994. AAS DPS Meeting 26, BAAS, 26, 1153, #24.05.