

PUBLICATIONS

- “Constructing a Library of Galaxy Cluster Merger Simulations”, **Chatzikos, M.**, & Sarazin, C.L. 2007 in X-ray Surveys: Evolution of Accretion, Star-Formation, and the Large Scale Structure, ed. I. Georgantopoulos, & M. Plionis (Athens: National Observatory of Athens), 76-77
- “Chandra Observation of Abell 2065: An Unequal Mass Merger?”, **Chatzikos, M.**, Sarazin, C.L., Kempner, J.C. 2006, ApJ, 643, 751
- “Phoebe at True Opposition: Multiwavelength Phase Curves”, A.J. Verbiscer, R.G. French, A. Aguirre, A. Guizarro, F. Hoyo, S.F. Sanchez, S. Marinoni, N.J. Chanover, J. Holtzman, A. Magazzu, P. Helfenstein, J. Martin, **M. Chatzikos**, T. Herbst, 2006, DPS Meeting #38, 6905
- “Chandra Observation of the Merging Cluster Abell 2065”, **Chatzikos, M.**, Sarazin, C.L. 2005, in 6 years of Science with Chandra (Cambridge; Chandra X-ray Center), 104
- “Tracing Galactic Metallicity Gradients with the 2MASS Point Source Catalog”, R. Muñoz, J. Carlin, **M. Chatzikos**, A. Hayes, S. Kanneganti R. Mellon, J. Oishi, C. Park, A. Singhal, G. Sivakoff, S.R. Majewski, M.F. Skrutskie, S. Sohn, ASPC, 317, 283
- “Chandra Observation of the Merging Cluster Abell 2065: Survival of the Cooling Cores?”, **Chatzikos, M.**, Sarazin, C.L., Kempner, J.C., & Markevitch, M. 2004, in The Riddle of Cooling Flows in Galaxies and Clusters of Galaxies, 25
- “Galaxy Clusters and Large Scale Structure”, Reiprich, T.H., Sarazin, C.L., Skrutskie, M., Sivakoff, G.R., **Chatzikos, M.**, Böhringer, H., & Retzlaff, J. 2003, International Astronomical Union, S216, 5
- “Pulsars: Statistics of pulse sequences”, **M. Chatzikos**, A. Noutsos, J.H. Seiradakis, in Fifth Hellenic Astronomical Society Conference, 2001, 145

CURRENT PROJECTS

- “An extensive library of 300 binary merger simulations: III. Cosmological interpretation & merger effects on future X-ray cluster Dark Energy Surveys”, **Chatzikos, M.**, Sarazin, C.L., & O’Shea, B.W. 2009 (in prep)
- “An extensive library of 300 binary merger simulations: II. Evolution of X-ray & SZ observables”, **Chatzikos, M.**, Sarazin, C.L., & O’Shea, B.W. 2009 (in prep)
- “An extensive library for 300 binary merger simulations: I. Realistic Numerical Models of $10^{13} - 10^{15} M_{\odot}$ Relaxed X-ray Clusters & Stability of Initial Conditions”, **Chatzikos, M.**, Sarazin, C.L. 2009, (in prep)
- “Cross-correlation of the NORAS-II and 2MASS XSC catalogues”, **Chatzikos, M.**, Sarazin, C.L., Reiprich, T.H., Böhringer, H., Sivakoff, G.R., Blanton, E.L. (2009), (in prep)