

Publications List

Sarah A. Bird

1 Refereed Publications

Bird, S. A., Xue, X. X., Chao, L., Shen, J., Flynn, C., Zhu, L., and Wang, J., *Velocity Dispersion and Mass Profiles of the Milky Way's Halo*, 2020, The Astrophysical Journal, in preparation.

Ablimit, I., Zhao, G., Flynn, C., and **Bird, S. A.**, *The rotation curve, mass distribution and dark matter content of the Milky Way from Classical Cepheids*, 2020, The Astrophysical Journal Letters, Vol. 895, Issue 1, L12.

Bird, S. A., Xue, X.-X., Chao, L., Shen, J., Flynn, C., and Yang, C., *Anisotropy of the Milky Way's stellar halo using K giants from LAMOST and Gaia*, 2019, The Astronomical Journal, Vol. 157, Issue 3, p. 104.

Bird, S. A. and Flynn, C., *Fading Features Found in the Kinematics of the Far-Reaching Milky Way Stellar Halo*, 2015, Monthly Notices of the Royal Astronomical Society, Vol. 452, p. 2675.

Bird, S., Flynn, C., Harris, W. E., and Valtonen, M., *Red giants in the outer halo of the elliptical galaxy NGC 5128 / Centaurus A*, 2015, Astronomy and Astrophysics, Vol. 575, id. A72, 10 pp.

Bird, S. A., *Dynamical and Chemical Structure of Galactic Halos*, 2014, Annales Universitatis Turkuensis A I 495, ISBN 9789512958931.

Bird, S., Harris, W. E., Blakeslee, J. P., and Flynn, C., *The Inner Halo of M 87: A First Direct View of the Red-Giant Population*, 2010, Astronomy and Astrophysics, Vol. 524, p. A71.

Kiminki, D. C., Kobulnicky, H. A., Gilbert, I., **Bird, S.**, and Chunev, G., *Five More Massive Binaries in the Cygnus OB2 Association*, 2009, The Astronomical Journal, Vol. 137, Issue 6, pp. 4608-4620.

2 NonRefereed Publications

Bird, S. A., Xue, X.-X., Chao, L., Shen, J., Flynn, C., Yang, C., *Galactic mass and anisotropy profile with halo K-giant and blue horizontal branch stars from LAMOST/SDSS and Gaia*, 2020, Galactic Dynamics in the Era of Large Surveys, IAU Symposium, Vol. 353, pp. 91-95.

Bird, S. A., *Galactic Mass and Anisotropy Profile with Halo K-Giant and Blue Horizontal Branch Stars from LAMOST/SDSS and Gaia*, 2019, Light in the Suburbs: Structure and Chemodynamics of Galaxy Halos, p. 21.

Bird, S. A., *Halo K-Giant Stars from LAMOST: Kinematics and Galactic Mass Estimate*, 2017, Formation and Evolution of Galaxy Outskirts, IAU Symposium, Vol. 321, p. 48.

Bird, S. A., *Resolved Stellar Halos of M87 and NGC 5128: Metallicities from the Red-Giant Branch*, 2016, The General Assembly of Galaxy Halos: Structure, Origin and Evolution, IAU Symposium, Vol. 317, pp. 276-277.

Bird, S. A., Flynn, C., Harris, W. E., Flynn, C., Blakeslee, J. P., and Valtonen, M., *Resolved Stellar Halos of M87 and NGC 5128*, 2015, IAU General Assembly, Vol. 22, p. 54524.

Bird, S., Flynn, C., Harris, W. E., and Valtonen, M., *Centaurus A: Stellar Metallicity Transition in the Halo*, 2013, American Astronomical Society, AAS Meeting 221, p. 303.01.

Boles, T., Smartt, S. J., Valenti, S., Mattila, S., Kankare, E., Katajainen, S., **Bird, S. A.**, and Pursimo, T., *Supernova 2010ik in UGC 112*, 2010, Central Bureau Electronic Telegrams, 2479, 1. Edited by Green, D. W. E.

Kiminki, D. C., Gilbert, I., **Bird, S.**, Chunev, G., Kobulnicky, H. A., *Four More Massive Binaries in the Cygnus OB2 Association*, 2009, Bulletin of the American Astronomical Society, Vol. 41, p. 300.

Bird, Sarah, Chunev, G., Kobulnicky, H., Uzpen, B., *Optical Spectroscopy of GLIMPSE Stars with 8 Micron Infrared Excesses*, 2007, Bulletin of the American Astronomical Society, Vol. 39, p. 813.