

## Publications

- Andersson, B-G., **Karoly, J.**, Bastien, P., et al. *Sub-mm wavelength Polarimetry of IRC+10216*. 2023, ApJ, Submitted.
- **Karoly, J.**, Ward-Thompson, D., Pattle, K., BISTRO Consortium. *The JCMT BISTRO Survey: Studying the Complex Magnetic Field of L43*, ApJ, Accepted 17 May 2023, doi: 10.48550/arXiv.2305.11306.
- Bonne, L., Andersson, B-G., Minchin, R., et al. *High Resolution Observations of HI in the IC 63 Reflection Nebula*. 2023, [AJ](#), **165**, 243.
- Ward-Thompson, D., **Karoly, J.**, Pattle, K., and the BISTRO Consortium. *First BISTRO Observations of the Dark Cloud Taurus L1495A: The Role of the Magnetic Field in the Earliest Stages of low-mass Star Formation*. 2023, ApJ, 946, 62.
- Ching, T-C., Qiu, K., Li, D., and the BISTRO Consortium. *The JCMT BISTRO-2 Survey: Magnetic Fields of the Massive DR21 Filament*. 2022, [ApJ](#), **941**, 122.
- Hwang, J., Kim, J., Pattle, K., and the BISTRO Consortium. *The JCMT BISTRO Survey: A Spiral Magnetic Field in a Hub-filament Structure, Monoceros R2*. 2022, [ApJ](#), **941**, 51.
- Kwon, W., Pattle, K., Sadavoy, S., and the BISTRO Consortium. *B-Fields in Star-forming Region Observations (BISTRO): Magnetic Fields in the Filamentary Structures of Serpens Main*. 2022, [ApJ](#), **926**, 163.
- Soam, A., Andersson, B-G., **Karoly, J.**, et al. *Spatial variation in temperature and density in the IC 63 PDR from H2H2 Spectroscopy*. 2021, ApJ, 923, 107S.
- Könyves, V., Ward-Thompson, D., Pattle, K., and the BISTRO Consortium. *The JCMT BISTRO-2 Survey: The Magnetic Field in the Center of the Rosette Molecular Cloud*. 2021, [ApJ](#), **913**, 57.
- **Karoly, J.**, Soam, A., Andersson, B-G., et al. *Revisiting the Magnetic Field of the L183 Starless Core*. 2020, ApJ, 900, 181.
- **Karoly, J.**, *Measurements of magnetic field structure and strength in a starless core L183*. iPoster session at: 235<sup>th</sup> American Astronomical Society meeting, Jan 4-8<sup>th</sup> 2020; Honolulu, HI.