



Jadyn Anczarski

Ph.D. Student in Physics, admitted Autumn 2021

Publications

PUBLICATIONS

- **Low-energy calibration of SuperCDMS HVeV cryogenic silicon calorimeters using Compton steps** *PHYSICAL REVIEW D*
Albakry, M. F., Alkhatib, I., Alonso-Gonzalez, D., Amaral, D. P., Anczarski, J., Aralis, T., Aramaki, T., Langroudy, I., Bathurst, C., Bhattacharyya, R., Biffi, A. J., Brink, P. L., Buchanan, et al
2025; 112 (9)
- **Broadband optical modulation and control at millikelvin temperatures.** *The Review of scientific instruments*
Tabassum, N., Aralis, T., Anczarski, J., Baxter, D., Cabrera, B., Chapla, R., Entin, N., Hsu, L., Magoon, H. W., Nunez, A., Pérez, G., Ryan, J. L., Salatino, et al
2025; 96 (10)
- **Light dark matter constraints from SuperCDMS HVeV detectors operated underground with an anticoincidence event selection** *PHYSICAL REVIEW C*
Albakry, M. F., Alkhatib, I., Alonso-Gonzalez, D., Amaral, D. P., Anczarski, J., Aralis, T., Aramaki, T., Arnquist, I. J., Langroudy, I., Azadbakht, E., Bathurst, C., Bhattacharyya, R., Biffi, et al
2025; 111 (1)
- **Two-Stage Cryogenic HEMT-Based Amplifier for Low-Temperature Detectors** *JOURNAL OF LOW TEMPERATURE PHYSICS*
Anczarski, J., Dubovskov, M., Fink, C. W., Kevane, S., Kurinsky, N., Mazumdar, A., Meijer, S. J., Phipps, A., Ronning, F., Rydstrom, I., Simchony, A., Smith, Z., Thomas, et al
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- **Broadband Multi-wavelength Properties of M87 during the 2017 Event Horizon Telescope Campaign** *ASTROPHYSICAL JOURNAL LETTERS*
Algaba, J. C., Anczarski, J., Asada, K., Balokovic, M., Chandra, S., Cui, Y., Falcone, A. D., Giroletti, M., Goddi, C., Hada, K., Haggard, D., Jorstad, S., Kaur, et al
2021; 911 (1)
- **First M87 Event Horizon Telescope Results. I. The Shadow of the Supermassive Black Hole** *ASTROPHYSICAL JOURNAL LETTERS*
Akiyama, K., Alberdi, A., Alef, W., Asada, K., Azulay, R., Baczko, A., Ball, D., Balokovic, M., Barrett, J., Bintley, D., Blackburn, L., Boland, W., Bouman, et al
2019; 875 (1)
- **First M87 Event Horizon Telescope Results. V. Physical Origin of the Asymmetric Ring** *ASTROPHYSICAL JOURNAL LETTERS*
Akiyama, K., Alberdi, A., Alef, W., Asada, K., Azulay, R., Baczko, A., Ball, D., Balokovic, M., Barrett, J., Bintley, D., Blackburn, L., Boland, W., Bouman, et al
2019; 875 (1)