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Ph.D. Student in Physics, admitted Autumn 2019

Publications

PUBLICATIONS

- **High Resolution Polar Kerr Effect Studies of CsV_3Sb_5 : Tests for Time-Reversal Symmetry Breaking below the Charge-Order Transition.** *Physical review letters*
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2023; 131 (1): 016901
- **Interplay between magnetism and superconductivity in UTe_2** *PHYSICAL REVIEW B*
Wei, D. S., Saykin, D., Miller, O. Y., Ran, S., Saha, S. R., Agterberg, D. F., Schmalian, J., Butch, N. P., Paglione, J., Kapitulnik, A.
2022; 105 (2)
- **Phase diagram of a flexible two-dimensional material** *PHYSICAL REVIEW RESEARCH*
Saykin, D. R., Kachorovskii, V., Burmistrov, I. S.
2020; 2 (4)
- **Absolute Poisson's ratio and the bending rigidity exponent of a crystalline two-dimensional membrane** *ANNALS OF PHYSICS*
Saykin, D. R., Gornyi, I., Kachorovskii, V., Burmistrov, I. S.
2020; 414
- **Landau levels with magnetic tunneling in a Weyl semimetal and magnetoconductance of a ballistic p-n junction** *PHYSICAL REVIEW B*
Saykin, D. R., Tikhonov, K. S., Rodionov, Y. I.
2018; 97 (4)