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Ph.D. Student in Physics, admitted Autumn 2016

Publications

PUBLICATIONS

- **High Resolution Polar Kerr Effect Studies of CsV₃Sb₅: Tests for Time-Reversal Symmetry Breaking below the Charge-Order Transition.** *Physical review letters*
Saykin, D. R., Farhang, C., Kountz, E. D., Chen, D., Ortiz, B. R., Shekhar, C., Felser, C., Wilson, S. D., Thomale, R., Xia, J., Kapitulnik, A.
2023; 131 (1): 016901
- **Anomalous thermal transport and strong violation of Wiedemann-Franz law in the critical regime of a charge density wave transition** *PHYSICAL REVIEW B*
Kountz, E. D., Zhang, J., Straquadine, J. W., Singh, A. G., Bachmann, M. D., Fisher, I. R., Kivelson, S. A., Kapitulnik, A.
2021; 104 (24)
- **Sample shape and boundary dependence of measured transverse thermal properties** *JOURNAL OF APPLIED PHYSICS*
Mumford, S., Paul, T., Kountz, E., Kapitulnik, A.
2020; 128 (17)
- **Thermal diffusivity above the Mott-Ioffe-Regel limit** *PHYSICAL REVIEW B*
Zhang, J., Kountz, E. D., Levenson-Falk, E. M., Song, D., Greene, R. L., Kapitulnik, A.
2019; 100 (24)
- **Thermalization and possible signatures of quantum chaos in complex crystalline materials.** *Proceedings of the National Academy of Sciences of the United States of America*
Zhang, J., Kountz, E. D., Behnia, K., Kapitulnik, A.
2019