

Stanford



Pavel Nosov

Ph.D. Student in Physics, admitted Autumn 2019

Curriculum Vitae available Online

Bio

HONORS AND AWARDS

- Graduate Fellow, The Kavli Institute for Theoretical Physics at the University of California, Santa Barbara (July 2023 - December 2023)

EDUCATION AND CERTIFICATIONS

- Master of Science (MSc), Saint Petersburg State University , Condensed matter theory (2019)

Publications

PUBLICATIONS

- Reaction-diffusive dynamics of number-conserving dissipative quantum state preparation *PHYSICAL REVIEW B*
Nosov, P. A., Shapiro, D. S., Goldstein, M., Burmistrov, I. S.
2023; 107 (17)
- Interplay of superconductivity and localization near a two-dimensional ferromagnetic quantum critical point *PHYSICAL REVIEW B*
Nosov, P. A., Burmistrov, I. S., Raghu, S.
2023; 107 (14)
- Pair Density Wave Order from Electron Repulsion. *Physical review letters*
Wu, Y. M., Nosov, P. A., Patel, A. A., Raghu, S.
2023; 130 (2): 026001
- Interaction effects on quantum Hall transitions: Dynamical scaling laws and superuniversality *PHYSICAL REVIEW RESEARCH*
Kumar, P., Nosov, P. A., Raghu, S.
2022; 4 (3)
- Statistics of Green's functions on a disordered Cayley tree and the validity of forward scattering approximation *SCIPOST PHYSICS*
Nosov, P. A., Khaymovich, I. M., Kudlis, A., Kravtsov, V. E.
2022; 12 (2)
- Interaction-Induced Metallicity in a Two-Dimensional Disordered Non-Fermi Liquid *PHYSICAL REVIEW LETTERS*
Nosov, P. A., Burmistrov, I. S., Raghu, S.
2020; 125 (25): 256604
- Tunneling into a Luttinger liquid coupled to acoustic phonons out of equilibrium *PHYSICAL REVIEW B*
Nosov, P. A., Niyazov, R. A., Aristov, D. N.
2020; 101 (19)
- Robustness of delocalization to the inclusion of soft constraints in long-range random models *PHYSICAL REVIEW B*
Nosov, P. A., Khaymovich, I. M.
2019; 99 (22)

• **Correlation-induced localization** *PHYSICAL REVIEW B*

Nosov, P. A., Khaymovich, I. M., Kravtsov, V. E.
2019; 99 (10)

• **Anomalous Temperature Behavior of the Chiral Spin Helix in CrNb₃S₆ Thin Lamellae** *PHYSICAL REVIEW LETTERS*

Togawa, Y., Kishine, J., Nosov, P. A., Koyama, T., Paterson, G. W., McVitie, S., Kousaka, Y., Akimitsu, J., Ogata, M., Ovchinnikov, A. S.
2019; 122 (1): 017204

• **Functional renormalization-group approach to the Pokrovsky-Talapov model via the modified massive Thirring fermions** *PHYSICAL REVIEW B*

Nosov, P. A., Kishine, J., Ovchinnikov, A. S., Proskurin, I.
2017; 96 (23)

• **Optical chirality in gyrotropic media: symmetry approach** *NEW JOURNAL OF PHYSICS*

Proskurin, I., Ovchinnikov, A. S., Nosov, P., Kishine, J.
2017; 19