

CURRICULUM VITAE

Eran Sagi

Affiliation: Department of Condensed Matter Physics, Weizmann Institute of Science
E-mail: eran.sagi@weizmann.ac.il
Phone: +972-8-934-2453

EDUCATION

2013-Today: Ph.D.

Department of Condensed Matter Physics, Weizmann Institute of Science
Advisor: Prof. Y. Oreg.

2011-2013: M.Sc. summa cum laude

Department of Physics and Astronomy, Tel-Aviv university
Thesis: "A Kosterlitz-Thouless-like transition in a tiling model"
Advisor: Prof. E. Eisenberg

2008-2011: B.Sc. summa cum laude

Department of Physics and Astronomy, Tel-Aviv university

RESEARCH INTERESTS

- Topological phases of matter
- Strongly correlated electrons
- Quasicrystals and emergent quasi-periodicity in frustrated systems

AWARDS AND FELLOWSHIPS

- 2015 Adams Fellowship, The Israel Academy of Sciences and Humanities
- 2013 Chaya Rosette graduate fellowship for academic and teaching excellence , The School of Physics and Astronomy, Tel-Aviv University
- 2011 Dean's Honor List, The Faculty of Exact Sciences, Tel-Aviv University
- 2010 John Bahcall Fellowship, The School of Physics and Astronomy, Tel Aviv University
- 2010 Dean's excellence scholarship, The Faculty of Exact Sciences, Tel-Aviv University
- 2010 Dean's Honor List, The Faculty of Exact Sciences, Tel-Aviv University
- 2009 John Bahcall Fellowship, The School of Physics and Astronomy, Tel Aviv University
- 2009 Dean's Honor List, The Faculty of Exact Sciences, Tel-Aviv University

TEACHING

- 2015 Teaching assistant in the graduate course “Concepts of condensed matter physics”, Weizmann Institute of Science
- 2013 Lab instructor, School of Physics and Astronomy, Tel-Aviv university

LIST OF PUBLICATIONS

1. On particle acceleration rate in GRB afterglows, E. Sagi and E. Nakar, 2012, ApJ, 749, 80.
2. Topological phase transition in a discrete quasicrystal , E. Sagi and E. Eisenberg, 2014, Phys. Rev. E 90, 012105.
3. Non-Abelian topological insulators from an array of quantum wires , E. Sagi and Y. Oreg, 2014, Phys. Rev. B 90, 201102(R) (highlighted as an "Editors Suggestion").
4. Imprint of topological degeneracy in quasi-one-dimensional fractional quantum Hall states , E. Sagi, Y. Oreg, A. Stern, and B. I. Halperin, 2015, arxiv: 1502.01665.
5. Fractional topological insulators in three-dimensions from an array of quantum wires, E. Sagi and Y. Oreg, 2015, arxiv: 1506.02033.