

Eran Maniv

19/12/2021 Curriculum Vitae

121 Sitvanit street, Ramat Raziell, Israel
Email: eranmaniv@bgu.ac.il

EDUCATION

Tel Aviv University

10/2012 – 11/2017 Direct Ph.D. of Physics for excelling students

10/2009 – 8/2012 B.A. in Physics, graduated with honors

EXPERIENCE

10/2021 – Present Faculty Member (Ben-Gurion University)

Senior lecturer at the physics department

02/2018 – 08/2021 Research Scholar (UC Berkeley)

Post-Doc at the Analytis Lab

10/2011 – 11/2017 Research Assistant (Tel Aviv University)

Highly correlated electrons laboratory work, with guidance by Prof. Yoram Dagan

10/2012 – 11/2017 Teaching Assistant (Tel Aviv University)

Instructor in the 3rd year B.A. physics laboratory, Tel-Aviv University, school of physics and astronomy

CONFERENCES AND TALKS

2021 Invited oral presentation in Nano.IL Meeting, Jerusalem, Israel

2021 Invited oral presentation in the March Meeting of the American Physical Society

2020 Invited oral presentation in the SPIE Optics + Photonics conference, Digital Forum

2018 Oral presentation in the International Conference of Magnetism, San Francisco, Ca

2018 Oral presentation in the March Meeting of the American Physical Society, Los Angeles, Ca

- 2017** Oral presentation in the March Meeting of the American Physical Society, New Orleans, LA
- 2017** Invited oral presentation in the Fred Chaoul 11th Annual Nano Workshop, Dead sea, Israel
- 2016** Oral presentation in the 62nd Annual meeting of the Israel Physical Society, Tel-Aviv University, school of physics and astronomy
- 2016** Oral presentation in the Fall Meeting of the Material Research Society, Boston, MA
- 2016** Oral presentation in the UFOX Workshop – "Unveiling complex phenomena in Functional Oxides", University of Salerno (Fisciano)
- 2016** Oral presentation in the Tsinghua-TAU Joint Meeting "Physics at the Edge: From Topological Surfaces to Oxide Interfaces", Tel Aviv University, School of Physics and Astronomy
- 2015** Oral presentation in the March Meeting of the American Physical Society, San Antonio, TX
- 2015** Oral presentation in the Tel Aviv University – Freie Universität Berlin Joint Research Workshops on Spin-Orbit Materials, Tel Aviv University, School of Physics and Astronomy
- 2014** Oral presentation in the 60th Annual meeting of the Israel Physical Society, Ben-Gurion University of the Negev, Beer-Sheva
- 2014** Oral presentation in the Sackler Prize Symposium on Topological phases in condensed matter, Tel Aviv University, School of Physics and Astronomy
- 2013** Oral presentation in the 59th Annual meeting of the Israel Physical Society, Weizmann Institute of Science, Rehovot
- 2013** Oral presentation in the March Meeting of the American Physical Society, Baltimore, MD

FELLOWSHIPS AND AWARDS

- 2017-2019** ROTHSCHILD Postdoctoral Fellowship
- 2017** School of physics scholarship for excellence in research for Ph.D. students (DOTAN Research Excellence Award), Tel-Aviv University
- 2014 – 2016** BUCHMANN Scholarship Fund for excelling Ph.D. students
- 2016** School of physics scholarship for excellence in research for Ph.D. students (GETTI Experimental Excellence Award), Tel-Aviv University
- 2013** School of physics scholarship for excellence in research for Ph.D. students (HAYA ROZET Experimental Excellence Award), Tel-Aviv University
- 2013** Faculty of Exact Science Memorial Award for excelling students, Tel-Aviv University
- 2012** Dean Excellence Award, The Exact Science Faculty, Tel-Aviv University
- 2012** Award for participating in the “Excellence Program for 3rd year BA students”, Tel-Aviv University
- 2011** Dean Excellence Award, The Exact Science Faculty, Tel-Aviv University

PATENT

- 2020** UCLBL-2019-114-2-US. Antiferromagnetic Memory Storage Devices from Magnetic Transition Metal Dichalcogenides. Inventors: J. G. Analytis, **E. Maniv**, N. L. Nair, S. Doyle and C. John. Filing Date: July 24, 2020.
- 2021** UCLBL-2022-013-01, US Provisional Application. Non-local Antiferromagnetic Memory Storage. Inventors: J. G. Analytis, S. C. Haley and **E. Maniv**. Filing Date: November 10, 2021.