

Curriculum Vitae | Adi Ashkenazi

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2021- **Tel Aviv University** | Senior lecturer
Co-Spokesperson of the [e4v](#) electron scattering experiment at JLAB, [GENIE](#) event generator co-author, [NuSTEC](#) board member.

2017-2020 **Massachusetts Institute of Technology** | Post doctoral position, supervised by Prof. Or Hen. Based at Fermilab.

Fermilab | Member of the MicroBooNE collaboration

Co-leader of MicroBooNE DAQ experts team, Co-convenor of MicroBooNE systematics working group,

2019-2021 **NuFact** | Cross Section Working Group co-convenor at the annual international workshop on neutrinos from accelerators.

2016 **Tel Aviv University** | Post doctoral position supervised by Prof. Eli Piasetzky.

2012-2016 **Tel Aviv University** | PhD student in Experimental High Energy Physics.

CERN | Member of the European Organisation for Nuclear Research.

Thesis “Search for new physics beyond the standard model in Dijet events at the LHC”, supervised by Prof. Erez Etzion and Dr. Gideon Bella.

Other Construction and operation of the offline analysis environment for the TGC (muon detector) quality test, at the Tel Aviv laboratory.

2009-2012 **Tel Aviv University** | MSc in Physics.

Thesis “Study of the hadronic recoil energy in the ATLAS detector as a tool to measure the W-boson transverse momentum.” supervised by Dr. Gideon Bella.

2009 **CERN** | Summer Students Program, under the supervision of Dr. Renaud Bruneliere.

2008-2009 **Weizmann Institute** | The Emma and Oscar Getz Summer Science Program at the Weizmann Institute, under the supervision of Prof. Eilam Gross and Prof. Ehud Duchovni, and continuous work on weekly basis as in the Department of Particle Physics under the supervision of Prof. Eilam Gross.

2006-2009 **The Hebrew University** | BSc Physics-Chemistry integrated program.

Awards and Scholarships

- International Union of Pure and Applied Physics Commission of Particles & Fields |**
2022 The IUPAP C11 Early Career Scientist Award.
- Centro Fermi, World Scientific, EPJ |** The Guido Altarelli Award
- 2021 **Israeli council for higher education |** Alon scholarship
- 2020 **Universities Research Association |** Tollestrup award for postdoctoral research.
- 2018 **Fermi National Accelerator Laboratory |** Intensity frontier fellowship.
- 2018 **Weizmann Institute of Science |** Israel national postdoctoral award for advancing women in science.
- 2017 **Israel Physical Society |** Amos De Shalit award for exceptional dissertation.
- 2017 **The Zuckerman STEM Leadership Program |** Postdoctoral scholarship.
- 2016 **Tel Aviv University |** Academic achievements scholarship in memory of Yuval Ne'eman.
- 2015 **Tel Aviv University |** The Rector's award for excellence in teaching.
Tel Aviv University | Faculty of Engineering prize for excellence in teaching.
- 2014 **Tel Aviv University |** An Ann & Moris Cohen Scholarship for excellence in teaching.

Grants

- 2022 **European Research Council |** ERC starting grant
Israeli Science Foundation | ISF Starting grant
Israeli Science Foundation | ISF equipment grant
University of Manchester | MoU TAU joint grant
- 2021 **Tel Aviv University |** start up grant
Zuckerman STEM Leadership program | Support for postdoc

Teaching Experience

- 2022 - **Tel Aviv University** | Introduction to particles and nuclei
Classical Mechanics for Electrical Engineers
- 2010-2016 **Tel Aviv University** | Teaching assistant for the academic courses:
Introduction to particles and nuclei, Physics 2 for engineers (electromagnetism),
Physics 3 for engineers (waves, special relativity, quantum mechanics), Labs for
first and second years BSc physics students.
- 2015-2016 **Tel Aviv University** | “Scientists of the future” project, Teaching course:
Introduction to particle physics for students completing BSc in physics during
high school.
- 2010-2012 **Tel Aviv University Student Union** | Physics teacher (mechanics and
electromagnetism) for 1st year BSc biology students.
- 2006-2009 **The Hebrew University** | Tutoring high-school students, ”Perach” project.
- 2007-2008 **Bloomfield Science Museum, Jerusalem** | Scientific guide.

Activities

- 2015 - **“Nitzotzot” (sparks)** | Voluntary lecturing and guiding tours for interested high
school students in particle physics.
- 2017 - 2019 **Fermilab** | A tour guide to the underground areas of Fermilab
A frequent speaker at high school students Q&A sessions and open houses.
- 2016 **Science Communication** | Participation in the Bonn PhysicsShow Denmark
tour with a play explaining particle physics to the general public.
- 2013 - 2016 **“Mechane Meshutaf” (Common Ground) association** | Voluntary Giving
gender education workshops for the students in the year before choosing their
majors, “Academic relations” team leader, and member of director of board.
- 2012 - 2015 **European Union project “Towards Women in Science & Technology”
(TWIST)** | Speaker at "Women in Science" conferences in the Bloomfield
Science Museum for education students, and high school students.