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List of publications

Adar Sharon

Curriculum Vitae

Academic Positions and Education

From 2027 **Senior Scientist**, *Weizmann Institute of Science*, Rehovot
Department of Particle Physics and Astrophysics.

2025–current **Postdoc**, *Bhaumik Institute for Theoretical Physics*, UCLA

2022–2025 **Postdoc**, *Simons Center for Geometry and Physics*, Stony Brook

2017–2022 **PhD in theoretical physics**, *Weizmann Institute of Science*, Rehovot
Advisors: Prof. Zohar Komargodski and Prof. Micha Berkooz.

2014–2016 **MSc in theoretical physics**, *Weizmann Institute of Science*, Rehovot
Advisor: Prof. Zohar Komargodski.

2011–2014 **BSc in physics and mathematics**, *The Hebrew University*, Jerusalem
Graduated *magna cum laude*.
Participation in academic delegation to LHC at CERN.

Select Recent Invited Talks

2026 **Berkeley high energy theory seminar**, UC Berkeley

2026 **Online swampland seminar**, Virtual talk

2026 **Workshop on "Pro(v/b)ing the swampland"**, IFT Madrid

2026 **Kavli IPMU theory seminar**, Japan

2026 **USC high energy theory seminar**, University of Southern California

2025 **University of Chicago physics seminar**, Chicago

2025 **NYU physics seminar**, New York University

2025 **Yale physics seminar**, Yale University

2025 **Neve Shalom joint seminar**, Israel

2025 **TAU physics seminar**, Tel Aviv University

2025 **Technion physics seminar**, Technion

2025 **IFT physics seminar**, IFT Madrid

2025 **CERN physics seminar**, CERN

2024 **Perimeter Institute physics seminar**, Perimeter Institute

2024 **DIP collaboration on "holographic aspects of the swampland"**, Virtual talk

2024 **Neve Shalom joint seminar**, Israel

2023 **Abu Dhabi meeting on theoretical physics**, NYU Abu Dhabi

2023 **CERN-Korea workshop on "current trends in and out of the swampland"**, IBS, Daejeon

2023 **Neve Shalom joint seminar**, Israel

2022 **SISSA physics seminar**, SISSA

2021 **IAS high energy theory seminar**, IAS, Princeton

2021 **SCGP physics seminar**, Simons Center for Geometry and Physics

2021 **Perimeter Institute QFStrings seminar**, Virtual talk

2021 **Cambridge quantum fields & strings seminar**, Virtual talk

2021 **Workshop on quantum mechanical systems at large quantum number**, Virtual talk

2021 **Neve Shalom joint seminar**, Virtual talk

Teaching and Outreach

2026 **Blog post "Resisting misalignment"**, Bhaumik Institute website
With S. Harder, Z. Komargodski and F. K. Popov.

2018-2021 **Teaching assistant for graduate course on general relativity**, Weizmann Institute of Science

2014–2016 **Tutor**, The Hebrew University
Led undergraduate mathematics tutorials for groups of 20–30 students; prepared and published solution books for eight physics and mathematics courses.

Journal Refereeing

2019–current **Referee for Journal of High Energy Physics**

2019–current **Referee for SciPost**

Awards and Achievements

- Awarded the 2022 Amos De-Shalit prize for outstanding thesis by the Israel Physics Society.
- Recipient of 2021 John F. Kennedy Prize for outstanding students. This is a top prize handed to select students at the Weizmann Institute in all fields of science.
- Recipient of 2021 Weizmann Institute physics faculty prize for outstanding achievements in theoretical physics. Awarded annually to the top Weizmann student in theoretical physics.
- Recipient of 2021 Weizmann Institute faculty dean fellowship.
- Recipient of 2019 Chaim Mida travel prize for outstanding students in theoretical physics.
- Participant in 2018 Merck Innovation Cup 250th Anniversary Edition (Darmstadt, Germany).