

Jordan Flitter - curriculum vitae

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Address: Aba Akhime'ir 14, Tel-Aviv
Date of birth: 29.9.1990

Education

Ph.D. Physics, Ben-Gurion University of the Negev, Israel, 2020–today
under the supervision of Dr. Ely D. Kovetz,
title of the thesis:
"Searching for dark matter signatures in the 21cm signal".

M.Sc. Physics, Tel-Aviv University, Israel, 2015–2020
(concurrent with military service)
under the supervision of Prof. Nissan Itzhaki and Dr. Ely D. Kovetz,
title of thesis:
"Outliers in the LIGO Black Hole Mass Function — explained by Coagulation in
Globular Clusters".

B.Sc. Physics, Tel-Aviv University, Israel 2009–2013

B.Sc. Electrical Engineering, Tel-Aviv University, Israel 2009–2013

Military Service

The Israeli Air Force, UAV System Engineer (Final rank: Captain) 2014–2019

Awards & Achievements

Prof. Rahamimoff travel grant for young scientists of the US-Israel Binational Science Foundation (BSF)	2023
Dean prize for excellence in research (1% of BGU's graduate students can be nominated)	2022
Zin fellowship awarded by the BGU Kreitman School	2022
High-Tech fellowship awarded by the BGU Kreitman School	2021
Graduated summa cum laude, Electrical engineering B.Sc	2013
Graduated summa cum laude, Physics B.Sc	2013

Teaching

Lecturer, Ben-Gurion University of the Negev	2022–today
Introduction to Mechanics (for chemists), 2022–today	
Teaching Assistant, Ben-Gurion University of the Negev	2020–today
Advanced Quantum Mechanics (graduate course), 2020–today	
Introduction to Particles and Fields, 2020–today	
Physics 2 (for industrial engineers), 2020	

Conferences and Schools

The 37th Advanced School in Theoretical Physics: New Ideas for Old Puzzles in Particle Physics, Jerusalem Hebrew University, Israel (December 29th, 2019 - January 9th, 2020).

The Israeli Physics Society (IPS) Conference, Ben-Gurion University, Israel (February 2nd, 2022).

Contributed talk: "Exploring delaying and heating effects on the 21-cm signature of fuzzy dark matter".

Black Holes: From Theory to Observations, Academic Conference, Tel-Aviv, Israel (February 1st, 2023).

The Israeli Physics Society (IPS) Conference, Tel-Aviv, Israel (April 4th, 2023).

Neutral Hydrogen as a Cosmological Probe Across Cosmic Time, Nazareth, Israel (May 15th-19th, 2023).

Contributed talk: "Searching for dark matter signatures in the 21-cm signal".

Talks

Tel-Aviv University, High-Energy Physics Seminar, Israel (August 13th, 2020).

(Invited) University of Padova, Cosmology Group Seminar, Italy (November 16th, 2022).

(Invited) University of Texas, Astronomy Seminar, United States (September 11th, 2023).

New York University, Astrophysics Seminar, United States (September 25th, 2023).

Massachusetts Institute of Technology, Dark Matter Group Seminar, United States (September 27th, 2023).

Harvard University, Cosmology Group Seminar, United States (September 29th, 2023).