

Yossef Zenati

Physics Department #533
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EDUCATION	JHU & STScI- Space Telescope Science Ins. & Johns Hopkins Uni. , Baltimore, MD, USA Nov 2023 - 2024
	JHU- Johns Hopkins University , Baltimore, MD, USA 2021- 2023
	Technion - Israel Institute of Technology , Haifa, Israel PhD, Physics. Advisor: Hagai B. Perets 2016 - 2020
	TAU - Tel-Aviv University- Faculty of Exact Sciences , Tel-aviv, Israel MSc Physics, summa cum laude. Advisors: Shay Zucker and Amiel Sternberg 2010 - 2012
	Technion - Israel Institute of Technology , Haifa, Israel B.Sc Physics and Geo-information engineering. 2004 - 2007

AWARDS

- ISEF International postdoc fellowship prize 2021-2023
 - The Council for Higher Education (CHE) scholarship for postdoc 2021
 - Irwin and Joan Jacobs Excellence Fellowship for outstanding graduate students: Yuhubd and Cohen 2017
 - Council for Higher Education - Planning and Budgeting Committee
 - Technion's Graduate Student Research Grant 2016 - 2019
 - Tel-Aviv University- Faculty of Exact Sciences - summa cum laude 2011
 - Technion's Undergraduate Dean's list 2007
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TEACHING EXPERIENCE

- Teaching Assistant - Physics 2, 2st-year undergraduate course 2019/20, winter
- Teaching Assistant - Modern Physics, 2st year undergraduate course 2018,2020 Spring
- Teaching Assistant - Quantum Physics 2, 3rd year undergraduate course 2018/19, Winter
- Teaching Assistant - Physics 2MM, 1st year undergraduate course 2017, Winter
- Teaching Assistant - Astrophysics & Cosmology, 3rd year undergraduate course 2016, Spring
- Teaching Assistant - Classical Physics 1P, 1st year undergraduate course 2016, Winter

MENTORING & OUTREACH

- Gautham Pallathadka (Ph.D. student, JHU) in addition with Prof.Nadia Zakamska 2023 - present
 - Qinan Wang (Graduate student, JHU) in addition with Dr.Armin Rest 2021 - present
 - Mor Rozner (Graduate student, Technion) in addition with Prof. H.B Perets 2019 - 2020
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PROFESSIONAL DEVELOPMENT

- SaasFee2022 GW School (SaaS Fee, Swiss) Dec 2021
 - 34rd Winter School of Theoretical Physics (Jerusalem, Israel) 2017 - 2018
 - MESA Summer School (Santa Barbara, CA, USA) August 2016
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CONFERENCES, SEMINAR AND LUNCH TALK

- Workshop (SOC), SNeX Technion, Israel, Aug 2023
- Workshop, BNS multi-messenger, PCTS, Princeton, USA, May 2023
- Workshop, SuperVirtual 2022, Oct 2022
- Workshop, TDAMM22 NASA, Annapolis, USA Aug 2022
- Workshop, BOOM explosive transients, University of Illinois, USA July 2022

- Seminar, Monash University, Melbourne, Australia, May 2022
- Workshop, Nuclear burning in massive stars, YITP-Monash Uni, Au, July 2021
- Workshop, TCAN2021, RIT, USA, July 2021
- Seminar, HUJI University, Jerusalem, Israel, July 2021
- Seminar, STScl Institute, Baltimore, USA, March 2021
- Seminar, CENTRA Institute, Lisbon, Portugal (invited), March 2021
- Seminar, Nordita Institute, Stockholm, Sweden, Dec 2020
- Seminar, Johns Hopkins University (JHU), Baltimore, USA, Nov 2020
- Seminar, Technion (IIT), Haifa, Israel, Jun 2020
- Seminar, Tel-Aviv University (TAU), Tel-Aviv, Israel, Dec 2019
- Lunch talk, Caltech, Pasadena CA, USA, Nov 2019
- IAU Symposium 357, Hawaii, USA (talk) Oct 2019
- Compact White Dwarf Binaries (CWDB 2019), Yerevan, Armenia (talk) Sep 2019
- Progenitors of Type Ia Supernovae, Lijiang, China (talk) (invited) Aug 2019
- The Beginnings and Ends of Double White Dwarfs, Copenhagen, Denmark (talk) Jul 2019
- Technion Physics Graduate project, Haifa, Israel (talk) Jun 2019
- Seminar, University of Maryland, Washington DC, USA, April 2019
- Seminar, Columbia University, New York, USA, Feb 2019
- Seminar, Brown University, Boston, USA, Feb 2019
- Seminar, University of Massachusetts Dartmouth, Boston, USA, June 2019
- TAPIR Special Seminar, Caltech, Pasadena CA, USA, July 2018
- Observational Signatures of SN Ia, Leiden, the Netherlands (talk) Feb 2018
- Astronomy Israel day, Jerusalem, Israel (talk) Jan 2018
- The Physics of Extreme - Gravity Stars, Nordita Ins., Stockholm, Sweden (talk) Jun 2017

THE DRUZE

COMMUNITY - MY HERITAGE AND COMMUNITY The Druze are an ethnoreligious group living in several countries in the Middle East as a unique religious and ethnic minority. In my country (Israel) we constitute ~ 1.6 percent of the total population, inhabiting 16 villages in northern Israel. Druze students tend to study engineering, education, bio-medical sciences, law, and other humanities. In fact, **I'm the first-ever Druze in Israel to do a Ph.D. in physics**, serving as an example for the young generation in my community. Moreover, during my Ph.D. I gave more than 60 motivational talks to high school students and invited talks in social activities. I also volunteer at schools in several villages, helping students study science.

EMPLOYMENT

1. Military service - Israel Air Force, **Major rank** 2007 - 2015
2. Maj. Gen. of Israel Air Force, **(awards)** 2009
3. Military service - The Excellent IDF captain , **(awards, program)** 2013
4. Brig. Gen. of Israel Air Force, **(awards)** 2014