

Eli Waxman- CV

Personal details

Born- 1965 June 17, Petah-Tikva, Israel; Married to Vered, father to Chen and Iddo

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Education

1983 Graduated high-school.

1986 B. Sc., Mathematics and Physics (Talpiot program), The Hebrew U. of Jerusalem, summa cum laude.

1989 M. Sc., Physics, The Hebrew U. of Jerusalem, summa cum laude.

1994 Ph. D., Physics, The Hebrew U. of Jerusalem.

Academic positions

2005-- Professor, The Weizmann Institute of Science, Rehovot, Israel.

2000-2005 Associate Professor, The Weizmann Institute of Science, Rehovot, Israel.

1998-2000 Assistant Professor, The Weizmann Institute of Science, Rehovot, Israel.

1994-1998 Long term member, Institute for Advanced Study, Princeton, NJ.

1986-1993 Researcher, Physics department, Nuclear Research Center- Negev, Israel.

Academic and R&D Management

2004-2009 Director, The Albert Einstein Minerva Center for Theoretical Physics, Weizmann Inst.

2007-- Director, The Benozziyo Center for Astrophysics, Weizmann Inst.

2009-2012 Chair, Dept. of Particle Physics and Astrophysics, Weizmann Inst.

2012-2015 IAEC chief scientist

2013-- Chairperson of the board, Pazy research foundation

2016-2022 Director, The Schwartz/Reisman Institute for Theoretical Physics

2022-- Chair, Dept. of Particle Physics and Astrophysics, Weizmann Inst.

Synergistic Activities

1. Students: 14 Ph.D. students graduated under my guidance (6 now holding tenured faculty positions), and I am currently advising 4 graduate students.
2. Conference organization: serving on the SOCs of the TAUP, RICAP, and NOW international conf. series; served as SOC chair for the international "GW-EM Workshop" (Weizmann, June 2022) and the international "High energy neutrino and cosmic ray" workshop (Weizmann, Jan. 2017).
3. Editor, Journal of Cosmology and Astroparticle Physics

Publications' statistics

170 refereed journal papers, 16,600 citations, h-index 69.

Data taken from ADS- The SAO/NASA Astrophysics Data System, <http://www.adsabs.harvard.edu/>.

Top 5 cited papers

1. Waxman E., Bahcall J., High Energy Neutrinos from Cosmological Gamma-Ray Burst Fireballs, Physical Review Letters, 78, 2292, 1997 [Times cited: 1008]
2. Waxman E., Bahcall J., High energy neutrinos from astrophysical sources: An upper bound, Physical Review D, 59, 023002, 1999 [Times cited: 881]
3. Waxman E., Cosmological Gamma-Ray Bursts and the Highest Energy Cosmic Rays, Physical Review Letters, 75, 386, 1995 [Times cited: 807]
4. Campana S., Mangano V., Blustin A. J., et al., The association of GRB 060218 with a supernova and the evolution of the shock wave, Nature, 442, 1008, 2006 [Times cited: 770]
5. Soderberg, A. M., Berger, E. et al., An extremely luminous X-ray outburst at the birth of a supernova, Nature, 453, 469, 2008 [Times cited: 467]