

Eli Waxman- CV

Personal details

Born- 1965 June 17, Petah-Tikva, Israel; Married to Vered, father to Chen and Iddo
Mailing address: Physics Faculty, Weizmann Inst. of Science, Rehovot 76100
Contact information: +972-8-934 4260 (phone); +972-8-934 4172 (fax);
e-mail: eli.waxman@weizmann.ac.il; home page: www.weizmann.ac.il/physics/waxman

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 Benozio 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-- Director, The Schwartz/Reisman Institute for Theoretical Physics

Committees, Editorial and Review boards (partial)

International

2001-2003 Member, PaNAGIC sub-committee: High Energy Neutrino Astrophysics Panel
2002 Member, NSF committee: Neutrinos and Subterranean Science (NESS)
2003-- Editor, Journal of Cosmology and Astroparticle Physics
2013, 15, 17 ERC "Universe Sciences" panel

Weizmann Institute

2003-2005 Member, Physics faculty appointments & promotions committee
2003-2005 Member, Scientific council appointments & promotions committee
2006-2009 Chair, Physics faculty appointments & promotions committee
2007-2010 Member, Council of Professors appointments & promotions committee

Distinctions

1984 Israeli Cneset (parliament) award for outstanding students
1990 Israel Physical Society award for outstanding graduate student research
1998 Alon Fellowship (Universities planning & budgeting committee)
1999 Incumbent of the Beracha foundation career development chair (Weizmann Inst.)
1999 E. D. Bergmann Memorial Award (US-Israel binational science foundation)
2004 Miller visiting professorship, Berkeley (spring/fall 2004)
2004 Levinson prize (Weizmann Inst.)
2008 Nova lectures, Holland

Former Graduate students

	Grad.	Post-doc/Industry	Current Academic position
Szabo Peter	2017	Weizmann Inst.	
Sapir Nir	2014	SNRC, Israel	
Kushnir Doron	2012	IAS Princeton	Senior Scientist (Assist. Prof.), Weizmann Inst.
Rabinak Itay	2012	Brevan Howard	
Blum Kfir	2011	IAS Princeton	Assoc. Prof., Weizmann Inst.
Katz Boaz	2010	IAS Princeton	Assoc. Prof., Weizmann Inst.
Budnik Ran	2009	Columbia U.	Assoc. Prof., Weizmann Inst.
Kashti Tamar	2009	Indigo, Israel	
Sagiv Amir	2006	Applied Materials, Israel	
Keshet Uri	2005	IAS & Harvard U.	Assoc. Prof., Ben-Gurion Univ.
Pe'er Asaf	2004	STScI	Assoc. Prof., Bar-Ilan Univ.

Publications' statistics

150 refereed journal papers, 13,600 citations, h-index 62.

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

Top 5 cited papers (ADS data base)

1. Waxman E., Bahcall J., High Energy Neutrinos from Cosmological Gamma-Ray Burst Fireballs, Physical Review Letters, 78, 2292 ,1997
Times cited: 876
2. Waxman E., Bahcall J., High energy neutrinos from astrophysical sources: An upper bound, Physical Review D, 59, 023002 ,1999
Times cited: 805
3. Waxman E., Cosmological Gamma-Ray Bursts and the Highest Energy Cosmic Rays, Physical Review Letters, 75, 386 ,1995
Times cited: 706
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: 654
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: 381