

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 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.

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

155 refereed journal papers, 14,200 citations, h-index 63.

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: 908
2. Waxman E., Bahcall J., High energy neutrinos from astrophysical sources: An upper bound, Physical Review D, 59, 023002 ,1999
Times cited: 824
3. Waxman E., Cosmological Gamma-Ray Bursts and the Highest Energy Cosmic Rays, Physical Review Letters, 75, 386 ,1995
Times cited: 724
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: 677
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: 394