

December 27, 2011

Curriculum Vitae - **Ehud Nakar**

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Education

2001-2004: Ph.D., Racah Institute of Physics, Hebrew University, Jerusalem, Israel.

1999-2000: M.Sc, Physics, (Magna Cum Laude) Hebrew University, Jerusalem, Israel.

1996-1998: B.Sc, Physics and Computer Science (Summa Cum Laude), Hebrew University, Amirim program for outstanding students.

Positions

2009- : Senior Lecturer, Tel Aviv University.

2005-2008: Senior Research Fellow, California Institute of Technology.

2004: Marie Curie Fellow, Institut d'Astrophysique de Paris.

1999-2004: Physics Research and Teaching Assistant, Hebrew University.

Publications:

70+ refereed papers (3000+ citations; h-index 33), first author of 28 papers (1000+ citations; h-index 20) [citation counts are based on "The Astrophysics Data System", self-citations excluded].

Grants

2012-2016: ERC Starting Independent Researcher Grant, PI, Euro 1,468,180

2009-2012: EU FP7 IRG grant # 223816, PI, EURO 100,000

2008-2012: ISF grant No. 174/08, PI, NIS 570,000

2007: SWIFT Guest Investigator, PI, \$43,965

Honors, Awards and Fellowships

2011: The Raymond and Beverly Sackler Chair for young scientists

2010: Israeli Physical Society (IPS) Prize for a Young Physicist (shared with A. Gal-Yam)

2009: Alon fellowship to outstanding young faculty

2005-2008: Sherman Fairchild Senior Research Fellowship - a 6-year research associate scholarship

2004: European Union Murie Curie Fellowship for outstanding doctoral students.

2003: The International Dan David Scholarship for outstanding doctoral students.
2002-2004: The Horwitz prize - 3 year scholarship for outstanding Ph.d. students.
2000: The Wolf prize for outstanding M.Sc students.
1999, 2000: The Rector prize for outstanding M.Sc students.
1997, 1998: Israeli parliament (Kneset) award for outstanding students.
1997, 1998: The Rector prize for outstanding undergraduate students.

Professional Services and Activities

2011: SOC member of the IAU symposium 279 "Death of Massive Stars: Supernovae and Gamma-Ray Bursts", Nikko, Japan, Mar 2012
2010: SOC member of the Israeli Physical Society General Assembly, Tel Aviv, Dec 2010
2010- : Member, Lobster Science Team
2009: Co-organizer (SOC and LOC member) of the international conference "Astrophysics at the Extreme", Hebrew University, Jerusalem, Israel, Dec 2009
2009: Referee, ERC starting grant proposals
2006 - 2007: Member, American Astronomical Society (AAS)
2006 - : Member, the Swift Theory Science Team
2005: Member, NASA ATP Program Proposal Review Committee
2005: Member, NASA Swift Guest Investigator Proposal Review Committee
referee: Astrophysical Journal (Letters), Monthly Notices of the Royal Astronomical Society (letters), Astronomy & Astrophysics, Journal of Cosmology and Astroparticle Physics

Students

Gilad Svirsky, Ph.d., 2009-
Yanir Jaimky, M.Sc., 2010-, joint supervision with Prof. Re'em Sari
Eli Bukchin, M.Sc, 2011-
Eran Sagi, Undergrad, 2010, 2011
Adam Doron, Undergrad, 2011

Personal

Born: 1972, Israel.
1991-1995: Military service.
Family status: Married+1.

Selected invited talks and colloquia

“Explosive Ideas about Massive Stars” Stockholm, Sweden	2011
Institute for Theory and Computation, Colloquium Harvard University, MA, USA	2010
“2009 Fermi Symposium” Washington DC, USA	2009
“The Shocking Universe” Venice, Italy	2009
“Rogerfest : A Festival of Cosmic Explosions” Pasadena, CA, USA	2009
“Particle Acceleration in Astrophysical Plasmas” Santa Barbara, CA, USA	2009
UT Austin astrophysics, Colloquium UT Austin, TX, USA	2008
“6’tH Huntsville Symposium on Gamma-Ray Bursts” Huntsville, AL, USA	2008
“Kinematic modeling of Astrophysical Plasma” Cracow, Poland	2008
“Swift Team Meeting” Las Vegas, USA	2008
“Israel Physical Society” Be’er Sheva, Israel	2008
“Gamma Ray Bursts 2007” Santa Fe, USA	2007
“LSST Transients & Variables SWG Meeting” Pasadena, USA	2007
“070228 - The Next Decade of GRB Afterglows” Amsterdam, Netherlands	2007
“YongPyong Astro Particle CPV in Topical Physics” YongPyong, Korea	2007
“209 American Astronomical Society Meeting” Seattle, USA	2007
“36th COSPAR Scientific Assembly” Beijing, China	2006
“Dynamical processes in Space Plasma” Ein-Bokek, Israel	2006
“The Transient Universe 2006” KITP, UC Santa Barbara, USA	2006
“Energy Budget in the High Energy Universe” Kashiwa, Japan	2006
“The Supernova Gamma-Ray Burst Connection” KITP, UC Santa Barbara, USA	2006
“The XXII Texas Symposium on Relativistic Astrophysics” Stanford, USA	2004