YOSSI NIR
Last update: 21.11.2004

Office Address
Department of Particle Physics
Weizmann Institute
Rehovot 76100
Israel
Tel: (972)-(8)-9343887
E-mail: yosef.nir@weizmann.ac.il

Home Address
3 Simta Vav
Weizmann Institute
Rehovot 76100
Israel
Tel: (972)-(8)-9343589

RESEARCH EXPERIENCE

1998 – 20?? Weizmann Institute of Science, High-Energy Physics Group
Full Professor

1999 – 2000 Institute for Advanced Study, Princeton, School of Natural Sciences
Member

1994 – 1998 Weizmann Institute of Science, High-Energy Physics Group
Associate Professor

1990 – 1994 Weizmann Institute of Science, High-Energy Physics Group
Senior Researcher

1988 – 1990 Stanford Linear Accelerator Center, Theory Group
Research Associate

VISITING SCIENTIST

12/2004 LMU + TUM + MPI, Munich
6/2004 Santa Cruz / SLAC
4/2004 IAS, Princeton
3/2004 CERN
12/2003 LMU + TUM + MPI, Munich
11/2003 Centro Atomico Bariloche, Argentina
2/2003 CERN
10/2002 SLAC
5/2002 University of Halle, Germany
2001 One month at University of California, Santa Cruz
2001 One month at the Institute of Advanced Study, Princeton
1999 One year at the Institute of Advanced Study, Princeton
1998 One month at University of California, Santa Cruz
1997 One month at University of California, Santa Cruz
1996 One month at University of California, Santa Cruz
1995 One month at the IAS, Princeton
1995 Two months at Rutgers University, the New HEP Group
1995 One month at University of California, Santa Cruz
1994 One month at University of California, Santa Cruz
1993 One month at CERN
1993 Two months at Rutgers University String Group
1992 One month at Rutgers University String Group
1991 Four months at SLAC Theory Group

GRADUATE EDUCATION

1988 Weizmann Institute of Science, Ph.D. Physics,
THESIS: *Phenomenological Aspects of Theories Beyond the Standard Model*
Thesis Advisor: Dr. Haim Harari, Professor of Physics

1986 Stanford Linear Accelerator Center, Theory Group, Fulbright Fellow

1985 Weizmann Institute of Science, M.Sc. Physics,
THESIS: *Infrared Treatment of Higher Anomalies*
Thesis Advisor: Dr. Adam Schwimmer, Professor of Physics

UNDERGRADUATE EDUCATION

1982 Technion - Israel Institute of Technology, B.Sc. Physics.

TEACHING EXPERIENCE

1990-2005 Weizmann Physics Department Lecturer in courses
on elementary particle physics, field theory, astroparticle physics and particle cosmology.

1984-1988 Weizmann Physics Department Teaching Assistant for various courses,
both introductory and advanced.

OTHER PROFESSIONAL ACTIVITES

8/2005 Invited lectures on B physics in (and co-organizer of) the Les Houches Summer School (France)
3/2005 Invited lectures on CP violation and flavor physics in the third CERN+CLAF school on high energy physics (Malargue, Argentina)
8/2004 Invited talk on CP violation in the '*5th Recontres du Vietnam*' (Hanoi, Vietnam)
4/2004 Colloquium on Neutrino Physics (IAS, Princeton)
3/2004 Invited lectures on Neutrino Physics (CERN)
1/2004 Invited lecture in the eighth workshop on '*High Energy Physics Phenomenology (WHEPP-8)*' (Bombay, India)
10/2003 Invited lecture in the Weizmann Institute workshop on '*Heavy Quark Physics at Hera II*' (Weizmann)
7/2003 Co-organizer of the Aspen workshop on '*The Flavor Puzzle: Data Confronts Theory*' (Aspen, USA)
6/2003 Invited lectures in the International School on Astroparticle Physics ISAPP 2003 (Conca Specchiulla, Otranto, Italy)
4/2003 Invited talk in the '*Ringberg Phenomenology Workshop on Heavy Flavors*' (Ringberg Castle, Germany)
12/2002 Invited talk in the workshop on '*The Third Generation as a Probe of New Physics*' (La Sapienza, Rome, Italy)
7/2002 Plenary talk in the 31st International Conference on High Energy Physics (Amsterdam, Netherlands)
3/2002 Organizer of Workshop on 'Are the constants of Nature constant?' (Weizmann)
11/2001 Invited talk in the 5th KEK Topicak Conference '*Frontiers in Flavor Physics*' (KEK, Tsukuba, Japan)
8/2001 Co-director and lecturer in the 55th Scottish Universities Summer School in Physics '*Heavy Flavor Physics*' (St. Andrews, Scotland)
12/2000 Invited talk in the UK Theory Winter Meeting (Rutherford Laboratory, UK)
9/2000 Plenary lecture in the DESY workshop on CP Violation and Rare Processes (Hamburg, Germany)
4/2000 Plenary lecture in the III Latin American Symposium on High Energy Physics (Cartagena, Colombia)
2/2000 Invited lectures in the Australian School of Nuclear and Particle Physics (Sydney, Australia)

7/1999 Invited lectures in the XXVII SLAC Summer Institute on Particle Physics (SLAC)
6/1999 Invited lectures in the 1999 ICTP Summer School in Particle Physics (Trieste)
6/1999 International Advisory Committee for the Kaon 99 conference (University of Chicago)
2/1999 Invited lectures in the 1999 KIAS Particle Physics Winter School (Seoul)
12/1998 Organizing committee (Chairman) for the Symposium on Quantum Field Theory At Work (Weizmann)
8/1998 Invited lectures in the 1998 European School of High-Energy Physics (St. Andrews, Scotland)
7/1998 Invited lectures in the 1998 Cargese School in Particle Physics (Corsica)
5/1998 Invited lecture in the Minerva - GIF Gentner Symposium (Jerusalem)
2/1998 Invited lecture in the workshop on Theory of LHC Processes (CERN)
11/1997 Invited lectures in the XII Colombian School of Theoretical Physics (San Andres)
8/1997 Organizing committee for the International Europhysics Conference on High Energy Physics (Jerusalem)
7/1997 Plenary talk in the XVIII International Symposium on Lepton Photon Interactions (LP 97) (Hamburg)
4/1997 Organizer of Workshop on Dynamical Supersymmetry Breaking (Weizmann)
1997 Group convenor in the BaBar Physics Workshop Series (Rome, Princeton, Orsay, CalTech)
1996 Racah Memorial Lecture (Weizmann)
1996 Opening lecture for the BaBar Physics Workshop Series (Rome)
1996 Invited lecture in the Conference on Quarks and Leptons: Masses and Mixing (Trieste)
1996 Invited lecture in the Workshop on K Physics (Orsay)
1995 Invited lecture in the 6th International Symposium on Heavy Flavor Physics (Pisa)
1994 Invited lecture in the 5th Gentner Symposium on Physics (Dresden)
1994 Invited lecture in the Workshop on the Origin of Fermion Masses and Mixings (Fermilab)
1993 Session organizer in the EPS Conference on HEP (HEP-93) (Marseilles)
1993 Session organizer in the Workshop on B Physics at Hadron Accelerators (Snowmass)
1992 Invited lecture in the Jerusalem Winter School on Neutrino Astrophysics (HU)
1992 Invited lectures in SSI-92 (SLAC)
1992 Invited lecture in the Workshop on B Physics at Proton Accelerators (SSCL)
1992 Opening lecture in IPS meeting (Weizmann)
1991 Invited lectures in TASI-91 (Boulder)
1991 Session Organizer in the 4th Gentner Symposium (Eilat)
1989 Invited lecture in Heavy Quark Physics Symposium (Cornell)
Referee for **Phys. Rev. Lett.**, **Phys. Lett.**, **Nucl. Phys.**

PRIZES AND FELLOWSHIPS

1993 Levinson Prize
1988 Weizmann fellowship
1987 Kennedy prize, Weizmann
1986 Fulbright fellowship
1985 Halinger prize, Weizmann
1982 Excellence prize, Technion
1981 Excellence prize, Technion

PERSONAL DATA

Born November 28, 1954. Married with four children

MILITARY SERVICE

1973-1978 Israeli Air Force