

Name: Alexander PALEVSKI

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A. EDUCATION

- 1982 – 1986 Tel Aviv University, Ramat Aviv, Israel
Ph.D studies. Thesis: “*Localization in metallic thin films*”
Supervisor: Prof. G. Deutscher
1986 - **Ph.D** in Physics - Cum Laude
- 1976 - 1979 Tel Aviv University, Ramat Aviv, Israel.
Graduate studies.
Thesis: “*I-V characteristics of Pb-Ge superconductor microbridges*”
Supervisor: Prof. G. Deutscher
1980 - **M.Sc.** in Physics.
- 1972 - 1975 Vilnius University, Lithuania. Undergraduate studies in Physics.

B. ACADEMIC AND PROFESSIONAL EXPERIENCE

- 2016-present Director of Wolfson Center for Applied Materials Research
- 2015-2016 Visiting professor of Applied Physics at Stanford University, USA
- 2012-2015 Head of Condensed Matter Physics Department, Tel Aviv University
- 2011-2012 Visiting professor of Applied Physics at Stanford University, USA
- 2008 - 2013 Director of Wolfson Center for Applied Materials Research
- 2006-present Tel Aviv University, Israel - Full Professor
- 1999 – 2000 Visiting Professor at SUNY, USA
- 1998 - 2006. Tel Aviv University, Israel - Associate Professor
- 1992 - 1998 Tel Aviv University, Israel - Senior Lecturer
- 1990 - 1991 Physics Department, AT&T Bell Laboratories, Murray Hill, NJ, USA -
Visiting Scientist
- 1986 - 1989 IBM Research Laboratories, Yorktown Heights, NY -Weizmann Post -
Doctoral Fellow
- 1982 - 1986 Tel Aviv University, Ramat Aviv, Israel
Teaching Assistant and Instructor
- 1977 - 1979 Tel Aviv University, Ramat Aviv, Israel - Teaching assistant

C. ACADEMIC AND PROFESSIONAL AWARDS

- 1991 - 1994 Alon fellow, Tel Aviv University, Israel. Administered by the National Council for Higher Education, Israel
1986 - 1988 Haim Weizmann Fellow, Israel

D. MEMBERSHIP IN PROFESSIONAL SOCIETIES

- 1986-1994 American Physical Society
1990-1991 IEEE (USA)
1992-2015 Israel Physical Society

E. ACADEMIC AND PROFESSIONAL AWARDS (GRANTS)

- 1991 - 1994 Alon fellow, Tel Aviv University, Israel. Administered by the National Council for Higher Education, Israel
1986 - 1988 Haim Weizmann Fellow, Israel
1992- 1995 Israel Academy of Sciences Foundation for Basic Sciences (\$120,000)
1992- Israel Commission for Planning and Budgeting (VATAT) (\$200,000)
1993- Tel Aviv University Foundation for Basic Research (\$5,000)
1993- Ministry of Absorption - Office for Science Absorption (\$2,000)
1993- 1996 United States - Israel Binational Science Foundation (B.S.F.) (together with Prof. S. Luryi (SUNY), my part \$150,000)
All the investigators including myself are Principle Investigators.
1994- 1997 Intel Electronics, Jerusalem (\$75,000)
1996- 1999 Ministry of Science (together with Prof. Heiblum (WIS), my part \$150,000)
All the investigators including myself are Principle Investigators.
1997- 2000 German- Israel Foundation (G.I.F.) (together with Prof. K. von Klitzing (MPI Stuttgart), my part \$120,000)
All the investigators including myself are Principle Investigators.
1999-2002 Israel Academy of Sciences Foundation for Basic Sciences (Bikura) (together with Dr. G. Markovich (TAU) my part \$20,000)
All the investigators including myself are Principle Investigators.
2001-2004 Israel Academy of Sciences Foundation for Basic Sciences, Center of Excellence (together with Prof. O. Entin (TAU), Prof. A. Aharony (TAU), Prof. Y. Imry (WIS), Prof. A. Shiller (HU), Prof. Z. Ovadiyahu (HU), my part \$280,000)
All the investigators including myself are Principle Investigators
2002-2006 German- Israel Foundation-(GIF) (together with Prof. A. Gerber (TAU), Prof. K. Efetov (Bochum University), Prof. G. Schoen (Univ. of Karlsruhe) my part \$90,000)

2004-2007	All the investigators including myself are Principle Investigators Israel Academy of Sciences Foundation for Basic Sciences, Center of Excellence (together with Prof. O. Entin (BGU), Prof. A. Aharony (BGU), Prof. Y. Imry (WIS), Prof. A. Shiller (HU), Prof. Z. Ovadiyahu (HU), my part \$120,000)
2006-2008	All the investigators including myself are Principle Investigators. Ministry of Science, Ukraine-Israel Scientific Program (together with Prof. Krive (Kharkov State University), my part \$30,000)
2006-2008	All the investigators including myself are Principle Investigators Ministry of Science, Russia-Israel Scientific Program (together with Prof. Ryazanov (Landau Institute, Chernogolovka), my part \$35,000)
2007-2011	All the investigators including myself are Principle Investigators. US-Israel Binational Science Foundation (BSF) (together with Prof. A. Kapitulnik, Stanford University, my part \$120,000)
2008-2011	Israel Academy of Sciences Foundation (Bikura-FIRST) (\$120,000)
2009-2012	Israel Academy of Sciences Foundation (\$100,000)
2011-2014	Ministry of Science and Technology (together with Dagan and Reznikov, my part \$150,000)
2012-2016	Israel Academy of Science Foundation (my part is \$100,000)
2012-2013	Minerva Gentner Symposium (38,000 €)
2013-2014	Internal Tel Aviv Grant (\$7,000)
2014-2017	Ministry of Science and Technology (my part \$75,000)
2015-2018	Pazi Foundation for the research (together with Dagan and Sterer, my part \$70,000)
2015-2019	US-Israel binational Science Foundation (with Kapitulnik, Shtrikman and Heiblum, my part \$80,000)
2016-2017	Pazi Foundation – Equipment (together with Dagan \$500,000)
2016-2020	Israel Academy of Sciences Foundation (\$250,000)

G. DOCTORAL STUDENTS SUPERVISED

1992-	Y. Berk	Electron Transport in Coupled Quantum Wells (Ph. D., graduated 1996)	TAU
1994	E. Yahel	Current Distrubution in IQHE (Ph. D., graduated 1997)	TAU
1997	A. Tsukernik	Magnetotransport in groved GaAs/AlGaAs... (Ph.D., graduated 2001)	TAU
1998	Y. Blum	Proximity Effect in SFS junctions (Ph.D. graduated 2004)	TAU
2004	V. Shelukhin	Odd triplet superconductivity (Ph. D. graduated 2009)	TAU
2006	E. Levy	Electronic transport in disordered V-groove quantum wires (Ph. D. graduated 2012)	TAU
2006	I. Sternfeld	Magneto-resistance oscillations of superconducting	

		cylinders below quantum critical point (Ph. D. graduated 2012)	TAU
2010	R. Hevroni	Ph. D. Student	TAU
2016	B. Hen	Ph. D. Student	

M.A./M.Sc. STUDENTS

1993	A. Tsukernik	Fermi Energy in Heavily Doped Semiconductors (M. Sc., graduated 1995)	TAU
1994	M. Slutzky	Electron-electron Interaction in CQW (M.Sc. graduated 1996)	TAU
2003	M. Eshkol	Coherence length in mesoscopic structures (M. Sc. graduated 2004)	TAU
2003	E. Levy	Electronic transport in 1D quantum wires (M. Sc. graduated 2005)	TAU
2003	I. Sternfeld	Proximity effect in granular composite materials (M. Sc. graduated 2005)	TAU
2005	R. Koret	Superconductivity in Nanotubes (M. Sc graduated 2007)	TAU
2008	D. Rakhmilevich	Ferromagnet-Superconductor junctions (M.Sc. graduated 2010)	TAU
2012	L. Tsarfati	Spin orbit interaction in InGaAs electron gas M. Sc. student	TAU
2013	H. Greener	Triplet superconductivity in granular superconductor-ferromagnet mixture films. M. Sc. student	TAU
2015	I. Pozin	Structural and electronic phase transitions in GST M. Sc. student	TAU
2015	B. Hen	Anderson Localization in phase change materials M. Sc. student	TAU
2016	S. Zoran	Distortions in IV curves of GaN diodes	TAU/Soreq

Date: 01/2018