

Curriculum Vitae

Amir Boag

PERSONAL

Office Address: Dept. of Physical Electronics, School of Electrical Engineering
Faculty of Engineering, Tel Aviv University
Tel Aviv 69978, Israel

Phone: 03-6408246, 050-9422426, Fax: 03-6423508

E-mail: boag@tau.ac.il

EDUCATION

1983	Technion	Electrical Engineering	B.Sc. Summa Cum Laude
1983	Technion	Physics	B.A. Summa Cum Laude
1985	Technion	Electrical Engineering	M.Sc.
1991	Technion	Electrical Engineering	Ph.D.

PROFESSIONAL EXPERIENCE

1985-1990	Israel Defense Forces	Air Force	Major
1991-1992	Technion, Haifa Israel	Electrical Engineering	Lecturer
1992-1994	University of Illinois Assist. Prof. at Urbana-Champaign	Electrical and Computer Engineering	Vis.
1994-1997	Israel Aircraft Industries Engineer Ben-Gurion Arpt. Israel	Electromagnetics	Res.
1997-1999	Israel Aircraft Industries Ben-Gurion Arpt. Israel	Electromagnetics (16 Researchers, incl. 6 Ph.Ds)	Manager
1999-2003	Tel Aviv University, Israel Lecturer Physical Electronics	Electrical Engineering -	Senior
2003-2007	Tel Aviv University, Israel Professor Physical Electronics	Electrical Engineering -	Assoc.
2007-	Tel Aviv University, Israel Physical Electronics	Electrical Engineering -	Professor

RESEARCH INTERESTS

- Computational electromagnetics and acoustics
- Fast multilevel algorithms
- Beam representations of electromagnetic and acoustic fields
- Imaging techniques including Synthetic Aperture Radar
- Quantum-electromagnetic modeling
- Antenna and nano-antenna design

ACADEMIC DISTINCTIONS

- Fellow - The Institute of Electrical and Electronics Engineers (IEEE), Antennas and Propagation Society with citation “For Contributions to Integral Equation Based Analysis, Design, and Imaging Techniques”, 2008.
- Fellow of The Electromagnetics Academy.
- URSI Commission B Israel Official Member, 2018-present.
- CECAM Council Tel Aviv University’s delegate, 2019-present.
- AP-S representative to the IEEE Nanotechnology Council (NTC) AdCom, 2014-15.
- Associate Editor of the IEEE Transactions on Antennas and Propagation, 2014-present.
- Guest Editor of Quantum Technologies Column - IEEE Antennas & Propagation Magazine.
- TPC Chair of IEEE COMCAS – International Conferences on Microwaves, Communications, Antennas, and Electronic Systems, 2015, 2017, 2019, 2021.
- TPC Vice Chair of 2017 IEEE AP-S Symposium on Antennas and Propagation and USNC-URSI Radio Science Meeting.
- Member of the AP-S Fellows Committee, 2018.
- Vice Chair of the AP-S Fellows Committee, 2019.
- IEEE Antennas and Propagation Society International Symposium, TICRA Travel Grant, 2019.
- IEEE Antennas and Propagation Society International Symposium, Poster Paper Contest, Third Place, 2005.
- Israel Academy of Sciences, Wolfson Fellowship for Post-doctoral studies, 1992.
- Technion, Gutwartz Scholarship for Graduate studies, 1991.
- URSI EM Theory International Symposium, Young Scientist Stipend, 1989.
- Technion, Gutwartz Scholarship for Undergraduate studies, 1983.