

Prof. Alexander Fish received the B.Sc. degree in Electrical Engineering from the Technion, Israel Institute of Technology, Haifa, Israel, in 1999. He completed his M.Sc. in 2002 and his Ph.D. (summa cum laude) in 2006, respectively, at Ben-Gurion University in Israel. He was a postdoctoral fellow in the ATIPS laboratory at the University of Calgary (Canada) from 2006-2008. In 2008 he joined the Ben-Gurion University in Israel, as a faculty member in the Electrical and Computer Engineering Department. There he founded the Low Power Circuits and Systems (LPC&S) laboratory, specializing in low power circuits and systems. In July 2011 he was appointed as a head of the VLSI Systems Center at BGU. In October 2012 Prof. Fish joined the Bar-Ilan University, Faculty of Engineering as an Associate Professor and the head of the nanoelectronics track. In March 2015 he founded Emerging nanoscaled Integrated Circuits and Systems (ENICS) labs. Currently, he is a Full Professor and a Vice Dean for Innovation and Industry Relations. He also serves as a co-director of the ENICS Impact Center. In 2021 Prof. Fish co-founded a RAAAM Technology, a startup which focuses on development of area efficient and low power embedded memories.

Prof. Fish's research interests include power reduction methodologies for high speed digital and mixed signal VLSI chips, energy efficient memory arrays, biomedical circuits, systems and applications and cryogenic CMOS circuits. He has authored over 200 scientific papers in journals and conferences. He also submitted more than 30 patent applications of which 22 were granted. Prof. Fish has published three book chapters and two books as an editor.

Prof. Fish founded and served as an Editor in Chief for the MDPI Journal of Low Power Electronics and Applications (JLPEA) from 2012 to 2018 and was an Associate Editor of various journals, including IEEE Sensors, IEEE Access Journal and Microelectronics Journal (Elsevier). Today he is an Associate Editor of the IEEE Solid-State Circuits Letters and VLSI journal (Elsevier). He also served as a general and program chair of various IEEE conferences. He was a co-organizer of many special sessions at IEEE conferences, including IEEE ISCAS, IEEE Sensors and IEEEI conferences. Prof. Fish is a member of the Technical Committee of the European Solid-State Circuits Conference. He is also a member of the VLSI Systems and Applications, Sensors and Bio-medical Systems Technical Committees of IEEE Circuits and Systems Society.



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