

Prof. Yonina Eldar – CV

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Yonina Eldar is a Professor in the Department of Electrical Engineering at the Technion where she heads the SAMPL lab. She is also a Research Affiliate at MIT, an Adjunct Professor at Duke University, was a Visiting Professor at Stanford University, and holds the Edwards Chair in Engineering.

She was born in Toronto, Canada, in 1973 and moved to Israel in 1979. She received the B.Sc. degree in Physics and B.Sc. degree in Electrical Engineering Summa Cum Laudee both from Tel-Aviv University, and the Ph.D. degree in Electrical Engineering and Computer Science from MIT. In 2002 she joined the faculty at the Electrical Engineering Department at the Technion. Her research interests include the development of algorithms for the representation, transmission, and processing of signals and information. In recent years she has focused on efficient sampling methods, signal processing and optimization in communication systems, radar and medical imaging, signals processing for optics, super-resolution methods and computational biology.

Prof. Eldar was a Horev Fellow of the Leaders in Science and Technology program at the Technion and an Alon Fellow. She received the IEEE Signal Processing Society Technical Achievement Award, the IEEE/AESS Fred Nathanson Memorial Radar Award, the IEEE Kiyo Tomiyasu Award, the Wolf Foundation Krill Prize for Excellence in Scientific Research, the Bruno Award, the Weizmann Prize, the Henry Taub Prize (twice), the Hershel Rich Innovation Award (three times), the Award for Women with Distinguished Contributions, and several awards for excellence in teaching. She is a Fellow of the IEEE and of EURASIP. She was a member of the Young Israel Academy of Science and Humanities and the Israel Committee for Higher Education. She received several best paper awards and best demo awards together with her research students and colleagues. She was a Signal Processing Society Distinguished Lecturer, and is a member of several IEEE committees. She is the Editor in Chief of Foundations and Trends in Signal Processing, and served as an Editor for several international journals. Prof. Eldar published hundreds of journal and conference papers, four books, ten book chapters, and twenty patents. She serves as an advisor and on the board of directors for several high tech companies.

Yonina is Married to Shalomi and is the proud mother of five kids: Yonatan, Moriah, Tal, Noa and Roei.