At its session on the 6th day of December, 2017, the Senate of Tel Aviv University resolved to honor Professor Amnon Yariv in recognition of his distinguished academic career spanning over half a century as an applied physicist, electrical engineer, and founding father of the integrated optics field; his seminal contributions to photonics and quantum electronics, which have had a profound impact on light-wave communications and optics in general, as well as on the photonics and electro-optics industry in Israel and worldwide; his enduring influence on Israeli academia and high-tech success through his mentoring of new generations of talented young researchers, many of whom have become renowned scientists and entrepreneurs in their own right; his close and fruitful ties with Tel Aviv University, including his role as a Fellow of the Sackler Institute for Advanced Studies; and his deep connection with his native Israel and commitment to advancing US-Israeli scientific cooperation, by conferring upon him the degree of DOCTOR PHILOSOPHIAE HONORIS CAUSA of Tel Aviv University.