

Prof. Moshe Tur - Biography

Moshe Tur received the B.Sc. degree in Mathematics and Physics from the Hebrew University, Jerusalem, Israel (1969), the M.Sc. degree in Applied Physics from the Weizmann Institute of Science, Rehovot, Israel (1973), and his Ph.D. from Tel-Aviv University, Tel-Aviv, Israel (1981). After spending two years at Stanford University (Information Systems Laboratory and Ginzton Laboratory), researching innovative fiber-optic technologies, he joined (1983) the Faculty of Engineering at Tel-Aviv University, where he is presently the Gordon Professor (Emeritus) of Electrical Engineering at the School of Electrical Engineering. There, he has established an advanced fiber-optic sensing and communication laboratory. He authored or co-authored more than 690 journal and conference technical papers with emphasis on fiber-optic sensing (mainly in Structural Health Monitoring, using static and dynamic fiber Bragg gratings, as well as the Brillouin and Rayleigh effects), advanced fiber-optic communication systems, polarization mode dispersion and microwave photonics. He also holds 10 issued patents and a few patent applications.

Prof. Tur has been involved in many international collaborations with leading universities and industries world-wide, and also participated in a number of European Projects and activities: INCO, SENARIO (Structural Health Monitoring), SARISTU (Structural Health Monitoring), COST-299 (Optical Fibres for New Challenges Facing the Information Society), COST-TD1001 (Novel and Reliable Optical Fibre Sensor Systems for Future Security and Safety Applications) and Horizon 2020 ITN-FINESSE (Fibre NErvous Sensing SystEms).

Dr. Tur is a Fellow of both the IEEE and the Optical Society of America. In September 2018, he was presented with a Life-Time Achievement Award by the International Optical Fibre Sensor Community for his outstanding contributions.