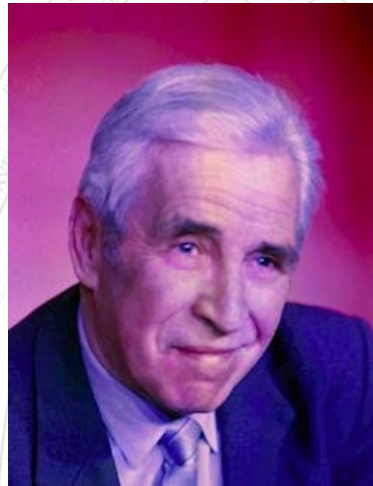


# Outstanding Career Award Winner 2014 Prof. Yakov Shifrin

**EuMA** | European  
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Association



Yakov Shifrin has graduated from the Physical faculty of the Leningrad State University in 1941 and the Radio faculty of the S. M. Budenny Military Academy of Communications in 1944. He is the Second World War veteran.

From 1948 to 1980 Yakov Shifrin was with the Govorov Military Radio Engineering Academy developing from a postgraduate student to professor and chair head. After retiring from the Armed Forces in 1980 Shifrin has served as Professor and chair head at the Kharkov National University of Radio Electronics.

Professor Shifrin has founded the statistical antenna theory, which has been world wide recognized as the cornerstone in the general antenna theory and practice. His further research in antenna theory has resulted in the development of a sufficiently general theory of antennas with nonlinear elements and its extension to active phased arrays. Prof. Shifrin has also led the first in the USSR thorough study of the long-distance tropospheric propagation.

Yakov Shifrin had actively worked in academia for over 50 years and established an influential scientific school in USSR on antenna & propagation theory. He has grown up over 20 Doctor of Science (equivalent to German Dr. habil.) and over 50 Candidates of Science (equivalent to PhD). He has published about 300 journal and conference papers including 12 monographs. Since 1991 Prof. Shifrin was active to consolidate Ukrainian antenna and microwave community and integrating it into the international one. He was a founding member and the first President of the Ukraine National Antenna Association. He has created the East-Ukrainian Joint Chapter IEEE and the Kharkov Joint Chapter IEEE in 1995 and 2000, respectively.

Prof. Shifrin's activities have been recognized by the microwave community and by the USSR and later Ukrainian state. Among other awards and titles, in 1983 he was awarded by the A.S. Popov Prize of the Presidium Academy of Science USSR in 1983 with citation: "For works in the field of Statistical Antenna Theory that fundamentally contributed to the antenna theory and techniques".