

## **Short Biography**

Andrey P. Tyutnev (born 1940) entered the Moscow Institute of Physics and Technology (Dolgoprudniy, Moscow region, Russia) in 1957 and graduated it in 1964. He received the MS degree in radiation chemistry from the Institute of Electrochemistry of the USSR Academy and the Doctor of Sciences degree from the Semenov Institute of Chemical Physics of the USSR Academy (Moscow, Russia) in 1988 in Physical Chemistry and Solid State Physics. From 1969 to 2012, he was with the All-Russian Science and Research Institute of Electromechanics, Moscow.

From 2012 to the present time he is with the «Moscow Institute of Electronics and Mathematics, Higher School of Economics». He has authored over 330 publications, 6 inventions and four monographs on Radiation Physics and Chemistry of Dielectrics. A.P. Tyutnev has h-index 14 according to Web of Science database.

His research interests include computer simulation of the bulk electron charging and discharging of polymers, the transport of excess charge carriers and the radiation-induced conductivity of ordinary as well as molecularly doped polymers. As a senior research scientist, during his stay (1969-2012).in the All-Russian Science and Research Institute of Electromechanics, A. Tyutnev has been responsible for qualifying construction materials (polymers, paints, glasses, ceramics etc.), rf cables and wires for space craft and nuclear power stations.