Pavel Yu. Apel was graduated from the Leningrad Technological Institute in 1976. He has been pursuing his scientific career at the Flerov Laboratory of Nuclear Reactions, Joint Institute for Nuclear Research (Dubna), where his activity is concerned with effects of accelerated heavy ions on polymers. He received his Ph.D. and Dr. Sci. degrees in 1986 and 1998, respectively. He published over 160 papers in scientific journals and wrote chapters in some books (such as Encyclopedia of Membrane Science Technology, Wiley, 2013). His research includes properties of latent and etched ion tracks in polymers, development of track-etch membrane technology, fabrication of nano- and microporous materials, asymmetric membranes, ionic transport in nanochannels. Since 2008 he has also been working at the State Dubna University, where he is now Professor in the Department of chemistry, new technologies and materials.

P.Y. Apel, V.V. Bashevoy, I.V. Blonskaya, N.E. Lizunov, O.L. Orelovitch, C. Trautmann "Shedding light on the mechanism of asymmetric track etching: an interplay between latent track structure, etchant diffusion and osmotic flow", Phys. Chem. Chem. Phys., 2016, 18, 25421-33. DOI: 10.1039/c6cp05465j

http://flerovlab.jinr.ru/flnr/showme_mine.php?surname=APEL&name=Pavel&phone=63544