

OBITUARY

On November 1, 1998, **Sergei Yakovlevich Frenkel'** passed away at the age of 76.

For many years, Professor S. Ya. Frenkel', doctor of physics-mathematical sciences, headed a department at the Institute of Macromolecular Compounds, Academy of Sciences of the USSR, and active collaborated with many industry-wide and academic polymer institutes and institutes of union higher education of our republics.

S. Ya. Frenkel' was the first physical chemist in the country who developed the theory of physical fibre formation for flexible- and rigid-chain polymers, the foundation of chemical fibre technology.

S. Ya. Frenkel' played a special role in the creation of the scientific direction of polymer liquid crystals, which became the basis for obtaining ultrastrong, high-modulus fibres from rigid- and flexible-chain polymers, together with the theory of orientational crystallization.

Tens of candidates became doctors of sciences under the direction of S. Ya. Frenkel', and hundreds of his students defended candidate dissertations.

Sergei Yakovlevich was always a desired guest and outstanding host at conferences and symposiums at all levels in the country and abroad. His ongoing seminar "Leningrad—Mytishchi" was a model of useful reciprocal scientific exchanges between physicists, chemists, and process engineers. A new branch in the physical chemistry of polymers — "physical process engineering," was formed during this association of scientists.

The bright memory of Sergei Yakovlevich Frenkel' will remain in the hearts of his friends and colleagues — everyone who had the good fortune of knowing this outstanding, sympathetic, highly erudite human being, citizen, and scientist.

Editorial Board of Khimicheskie Volokna