



9. ANNIVERSARIES

W.I. FURMAN

To the 75th birthday jubilee of, a leading scientist of the Frank Laboratory of Neutron Physics.

The old-timers of the Laboratory can still remember, when in 1960 a graduate from Voronezh State University, an enthusiastic guy, first appeared in the laboratory, immediately proving himself to be a good physicist. It was Walter Furman. Of course, nobody called him by his full name, they were young, all recent graduates, so he was just Slava Furman. One of the first manifestations of his enthusiasm was the organization of a seminar on quantum mechanics, which involved almost all FLNP physicists (and they were about ten at that time). It became clear from the very beginning that Slava was a theoretician, and it was confirmed later.

Furman's interests lay mainly in the field of neutron physics and nuclear reactions. He became a specialist in these areas, and was often visited by his colleagues - experimenters who came to him for a consultation. Significant contribution to the development of the theory was the monograph "Alpha-decay and related nuclear reactions" written by W.I. Furman together with S.G. Kadmenski, his friend from Voronezh State University.

Science was not Furman's only passion. For many years he had been an organizer of the mountain-climbing group in Dubna and had attempted several challenging climbs himself. It is worth noting his volunteering in the rescue work in the mountains and after the devastating earthquake in Spitak (Armenia).

At present, Walter Furman continues to work hard in the field of nuclear fission physics. His works on the creation of quantum-mechanical fission theory written together with A.L. Barabanov, his counterpart from the Kurchatov Institute, are widely known among nuclear fission physicists. He is one of the leaders of the collaboration (E & T Collaboration) conducting the study of the processes occurring deep in the subcritical electronuclear systems and the study of the possibility of using such systems for energy production and radioactive waste transmutation.

W.I. Furman is also involved in the administrative and social activity. He is a member of the JINR Scientific and Technical Council, since 1997 and up to date has been the chairman of the annual international seminar ISINN (International Seminar on Interaction of Neutrons with Nuclei). Having vast experience of administrative work (in the period of 1990-1994 he was the Head of Nuclear Physics Department, from 1994 to 2002 - FLNP Deputy Director for Research, and from 2002 to 2006 headed the project IREN), W.I. Furman gladly passes it on to the next generation.