

## Vladimir Kadyshevsky celebrates his 70th in style



Vladimir Kadyshevsky

A seminar and celebration took place on 11 May at the Joint Institute for Nuclear Research (JINR) in honour of Vladimir Kadyshevsky, who was 70 on 5 May. Kadyshevsky has been with JINR since 1962, rising to be director of the JINR Laboratory of Theoretical Physics from 1987 to 1992, and director of JINR from 1992 to 2005. During those years of economic instability in Russia he and his colleagues managed not only to keep the institute safe and sound but even to strengthen its position.

Throughout his research career, Kadyshevsky has maintained an interest in key problems of elementary-particle physics, ranging from studies of lepton-hadron symmetries in weak processes prior to the development of the Standard Model, to a recent new approach to describing strong and electroweak interactions beyond the Standard Model. His name is associated with the relativistic formulation of quantum field theory in the quantized space-time that satisfies unitarity and generalized causality conditions. In particular he developed a 3D integral equation for the relativistic scattering amplitude, known as Kadyshevsky's equation.

Kadyshevsky has also actively participated in international collaborations. In 1977-78 he headed the group of Soviet physicists working at Fermilab and in 1983-85 was leader of JINR's programme for the DELPHI experiment at CERN's LEP collider. He has paid much attention to the development of scientific trends at JINR, bringing about international co-operation of JINR physicists with scientists all over the world. He continues to contribute much to the development of basic research as JINR's Scientific Leader.

An ardent promoter of higher education, Kadyshevsky has been in the Physics Faculty of Moscow State University since 1970, and is currently head of elementary-particle physics. It was his initiative to open an international university in Dubna in 1994 and he has been its president since then.