On 30 July, Nikolai Dikansky, distinguished Russian physicist, corresponding member of the Russian Academy of Sciences and rector of the Novosibirsk State University, celebrates his 60th birthday. He has contributed significantly to the development of the physics of particle colliders and storage rings. His achievements in the general theory of coherent oscillations, nonlinear dynamics, beam–beam instability and beam cooling are well known. In particular, he discovered that the abilities of a system to damp coherent and incoherent oscillations in a bunch are deeply related.

For more than 30 years, Dikansky has been one of the leaders in the study of the electron cooling of heavy particles, which has opened up a new field for particle colliders and storage rings. Results have shown that the physical phenomena responsible for electron cooling are much richer than had initially been expected. Other developments include the theory of coherent fluctuations in the cooled (intense) beams and the physics of supercold beams in storage rings. His great erudition, numerous scientific achievements and openness have always attracted young scientists. He has spent a lot of time teaching physics in Novosibirsk State University, where he has progressed from student to rector.