CHRONICLES

Viktor Vasil'evich Tyutekin (On His 80th Birthday)

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On December 3, 2008, Viktor Vasil'evich Tyutekin—doctor of physics and mathematics, professor, author of more than 200 scientific works, and a prominent scientist well known for the large contributions he has made to modern acoustics—turned 80. The biography of Tyutekin was published in *Acoustical Physics* in connection with his 75th birthday (*Acoust. Phys.* **50**, 431 (2004)). Since then he has continued his research in acoustics remaining head of one of the laboratories at the Andreev Acoustics Institute. Some of the results obtained by Tyutekin in the last 5 years are listed below.

In 2003–2008, Tyutekin has published 17 scientific papers, half of which were devoted to wave processes that were rather poorly investigated before. These processes include the so-called circular and helical waves. Similar to plane, spherical, and cylindrical waves, these waves play a key role in the fields of various cylindrical waveguides. The contribution made by Tyutekin to this area of research was appreciated by the scientific community: Tyutekin's publications on this subject were voted the best series of papers that appeared in *Acoustical Physics* in 2008.

A substantial contribution has been made by Tyutekin to the study of the mechanism of Rayleigh waves. He has analyzed in detail the conditions of existence and the properties of such waves localized near inhomogeneities and near impedance boundaries of elastic media.

In 2003–2008, Tyutekin continued working on active methods of acoustic field control. In this area of acoustics, he is known to be one of the world's best specialists. The scope of his interests also includes problems of diffraction and absorption of waves, synthesis of artificial acoustic media with unconventional properties, etc.

The editorial board of *Acoustical Physics*, which Tyutekin has been a member since 1984, is delighted to note that the best scientific publications by Tyutekin appeared in this journal. In particular, most of the papers (15 out of 17) published by Tyutekin in the last 5 years appeared in *Acoustical Physics*.

Viktor Vasil'evich Tyutekin celebrates his 80th birthday in the prime of his creative activity. We wish him health and further successful research in acoustics.

Translated by E. Golyamina