

100th anniversary of the birth of V L Ginzburg

(Scientific session of the Physical Sciences Division of the Russian Academy of Sciences, 5 October 2016)

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Vitaly Lazarevich Ginzburg
(04.10.1916 – 08.11.2009)

A scientific session of the Physical Sciences Division of the Russian Academy of Sciences (RAS) devoted to the centenary of the birth of V L Ginzburg was held on 5 October 2016 in the conference hall of the Lebedev Physical Institute, RAS. The agenda posted on the website of the RAS Physical Sciences Division <http://www.gpad.ac.ru> comprised the following reports:

(1) **Ritus V I** (Lebedev Physical Institute, RAS, Moscow), “V L Ginzburg and the Atomic project”;

(2) **Dremin I M** (Lebedev Physical Institute, RAS, Moscow), “Unexpected interaction properties between high-energy protons”;

(3) **Kocharovskiy V I V**, **Zheleznyakov V V** (Institute of Applied Physics, RAS, Nizhny Novgorod), **Belyanin A A** (Institute of Applied Physics, RAS, Nizhny Novgorod and Texas A&M University, USA), **Kocharovskaya E R**,

Kocharovskiy V V (Institute of Applied Physics, RAS, Nizhny Novgorod), “Superradiance: the principles of generation and implementation in lasers”;

(4) **Pudalov V M** (Lebedev Physical Institute, RAS, Moscow), “Structure of the superconducting order parameter in high-temperature Fe-based superconductors”;

(5) **Sadovskiy M V** (Institute of Electrophysics, UB RAS, Ekaterinburg; M N Mikheev Institute of Metal Physics, UB RAS, Ekaterinburg), “High-temperature superconductivity in an FeSe monolayer: Why is T_c so high?”

The paper versions of reports 1 and 4 are presented in this *Phys. Usp.* issue (see pp. 414 and 420, respectively).

Report 2, with its content expanded but title unchanged, is to be published as a review paper in *Usp. Fiz. Nauk* **187** (4) 353 (2017); *Phys. Usp.* **60** (4) 333 (2017). Report 3, with its content expanded, is to be published as a review paper in *Usp. Fiz. Nauk* **187** (4) 367 (2017); *Phys. Usp.* **60** (4) 345 (2017). Report 5, with its content expanded, was published as a review paper in *Usp. Fiz. Nauk* **186** (10) 1035 (2016); *Phys. Usp.* **59** (10) 947 (2016).