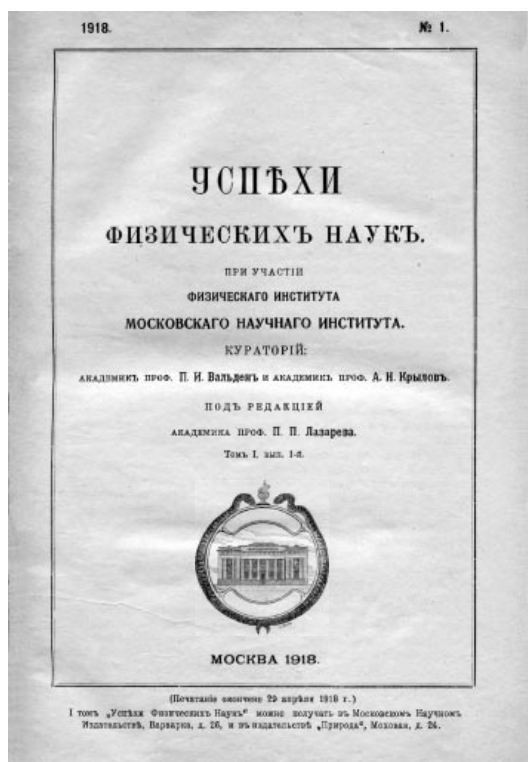


# Special session of the *Uspekhi Fizicheskikh Nauk* Editorial Board celebrating the 90th anniversary of the journal (19 November 2008)

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Academician Prof. P.I. Walden and Academician Prof. A.N. Krylov

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Vol. 1 of *Uspekhi Fizicheskikh Nauk* can be acquired at the Moscow Science Publishing House, 26 Varvarka st., and at the Publishing House “Priroda” (Nature), 24 Mokhovaya st.

The printing of the first issue of the journal *Uspekhi Fizicheskikh Nauk* was completed on 29 April 1918. Shown in the photograph is the cover of issue 1 of *Uspekhi Fizicheskikh Nauk* prepared in collaboration with the Physics Institute of the Moscow Science Institute (predecessor of the P N Lebedev Physics Institute of the Russian Academy of Sciences).

A special session of the *Uspekhi Fizicheskikh Nauk* (*UFN*) Editorial Board (*UFN*'s oral issue) celebrating the 90th anniversary of the journal and the 50th anniversary of its English version (first under the title *Soviet Physics – Uspekhi* and then under the current title *Physics – Uspekhi*) took place on November 19, 2008 in the conference hall of the P N Lebedev Physical Institute (FIAN) of the Russian Academy of Sciences.

The following reports were presented at the session:

- (1) **Ginzburg V L** (P N Lebedev Physical Institute, RAS, Moscow), **Aksent’eva M S** (*Uspekhi Fizicheskikh Nauk*, RAS, Moscow) “On the history of *UFN* (introductory talk)”;
- (2) **Dremin I M** (P N Lebedev Physical Institute, RAS, Moscow) “The physics of the Large Hadron Collider”;
- (3) **Shirkov D V** (Joint Institute for Nuclear Research, Dubna, Moscow region) “Pair correlations and spontaneous symmetry breaking”;

(4) **Smirnov B M** (Institute for High Temperatures, RAS, Moscow) “Modeling of gas-discharge plasma”;

(5) **Sadovskii M V** (Institute of Electrophysics, RAS Ural Branch, Ekaterinburg) “High-temperature superconductivity in iron-based layered compounds”<sup>1</sup>;

(6) **Aleksandrov E B** (All-Russian Research Center, S I Vavilov State Optical Institute, St. Petersburg) “Physical limits in the metrology of a magnetic field by atomic spectroscopy techniques”;

(7) **Maksimov E G** (P N Lebedev Physical Institute, RAS, Moscow) “Microscopic studies of the nature of the ferroelectric transition”;

(8) **Fortov V E** (Institute for High Energy Density, RAS, Moscow) “Extreme states of matter”.

Articles based on reports 1–4 and 6–8 are published below in this special issue of the *Uspekhi Fizicheskikh Nauk* journal devoted to the jubilees of the Russian and English versions of the journal.

<sup>1</sup> The review article constituting an expanded version of talk 5 under the same title was already published in the December issue of the *Uspekhi Fizicheskikh Nauk* journal [*UFN*178 (12)1243–1271 (2008); *Physics – Uspekhi* 51 (12) 1201–1227 (2008)].