BASOV READINGS
Joint meeting (scientific session) of the Physical Sciences Division, the Nanotechnology Division of the Russian Academy of Sciences (RAS) and the Scientific Councils of the P N Lebedev Physical Institute of the RAS and the A M Prokhorov General Physics Institute of the RAS Academy of Sciences (LPI, November 28, 2022)

At the solemn meeting dedicated to the 100th anniversary of the birth of Nikolai Gennadievich Basov. (Assembly Hall of the Lebedev Physical Institute RAS, November 28, 2022.)

Articles written on the basis of the presented reports will be published in a special issue of the journal Physics–Uspekhi (Uspekhi Fizicheskikh Nauk (UFN)).

At the meeting, a fragment from the film “Prometheus of the Laser Era” (author of the film: L E Ioffe), prepared for the G N Basov anniversary, as well as the presentation of the books N G Basov i Issledovaniya po Kvantovoi Radiofizike v FIAN (N G Basov and Research on Quantum Radiophysics at LPI) and the photo album Nikolai Gennadievich Basov. K 100-letiyu so Dnya Rozhdeniya (Nikolai Gennadievich Basov. On the 100th Anniversary of His Birth).

For more details on the books, see Phys. Usp. 65 (12) 1321–1322 (2022) (Usp. Fiz. Nauk 191 1415 (2022)).

A solemn meeting (scientific session) of the Physical Sciences Division (PSD) and the Nanotechnology Division of the Russian Academy of Sciences (RAS), as well as the Scientific Councils of the P N Lebedev Physical Institute (LPI) RAS and the A M Prokhorov General Physics Institute (GPI) RAS, On the 100th Anniversary of the Birth of N G Basov: the ‘BASOV READINGS,’ was held in the Assembly Hall of the P N Lebedev Physical Institute on November 28, 2022.

Opening remarks were made by:
Kolachevsky N N (LPI), Kveder V V (PSD RAS), Garnov S V (GPI RAS)

The scientific program of the joint meeting, published on the website of the PSD RAS (www.gpad.ac.ru), included the following reports and speeches:

Session 1. Chair: Academician G A Mesyats
1. Zubarev I G (LPI, National Research Nuclear University (NRNU) Moscow Engineering Physics Institute (MEPhI), Moscow). N G Basov: a pioneer and organizer of laser research in the USSR.
2. Kolachevsky N N (LPI, Moscow). From the first masers to optical frequency standards.

Session 2. Chair: Academician I A Shcherbakov
8. Evtikhiev N N (STA IRE Polyus, NRNU MEPhI, Moscow). On the application of laser technologies in industry and medicine.