GRAFENIKA [GRAPHENICS]. RUSSIAN GUBIN'S SEMINAR (MOSCOW)

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Abstract. The information on the seminar "GRAFEN: MOLECULES AND 2D-CRYSTAL", which was held since 2011 in Moscow, is presented. The seminar became the basis of the first graphene conference in Russia. By now the seminar has completed its work.

Keywords: seminar, graphene, molecule, crystal, production methods, graphene physics and chemistry, graphene-based devices, carbon nanoelectronics

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Russian Seminar "GRAPHENE: MOLECULE AND 2D-CRYSTAL (material, physics, chemistry, electronics, photonics, biomedical applications)" under the direction of prof. SP Gubin operates from November 2011. Seminar sessions are held once a month, mainly in the boardroom VNIAlmaz in Gilyarovskogo str., 65. The seminar is supported by LLC "AkKoLab". Programms of seminars are available at <http://www.akkolab.ru>. The seminar organizers see it as a discussion platform to discuss new ideas and concepts, review the results and the exchange of experience of researchers in the booming grafenika - an interdisciplinary field of modern science. The seminar was attended by officials from various scientific institutions of Moscow and Moscow region - Kurnakov Institute of General and Inorganic Chemistry RAS, Nesmeyanov Institute of Organoelement Compounds of RAS, Semenov Institute of Chemical Physics RAS, Kotel'nikov Institute of Radio Engineering and Electronics RAS, Institute of Microelectronics Technology RAS, Institute of Problems of Chemical Physics RAS, Landau ITP RAS, National Research Centre "Kurchatov Institute", Moscow State University Faculties of Chemistry and Physics, Moscow Institute of Physics and Technology, National Research Nuclear University "MEPhI", People's Friendship University of Russia, LLC "AkKoLab", Open Joint Stock Company (JSC) "VNII Almaz", LLC "Karbonlayt", JSC NIIGrafit and others, as well as invited members of scientific institutions in Russia, Commonwealth of Independent States (CIS) and foreign countries. The audience for each session - about fifty participants. In the four-hour meeting with a break heard and discussed the 3-4 reports, news review and submitted poster presentations. The journal RENSIT is published semi-annual reports of this seminar: list of reports indicating affiliated authors and submitted abstracts.

In 2015, on the basis of the seminar, the first All-Russian conference "GRAFEN: MOLECULES AND 2D-CRYSTAL" was proposed and organized with international participation, largely assuming the functions of the seminar and extending its audience to the all-Russian one. The conference is registered in the Russian Foundation for Basic Research (RFBR) under the Government of the Russian Federation as a periodic, every 2 years, on the basis of the A.V. Nikolaev Institute of Inorganic Chemistry of Siberian Branch of the Russian Academy of Sciences.