

Сведения о ведущей организации

Полное наименование организации	Федеральное государственное бюджетное учреждение науки Физико-технический институт им. А.Ф. Иоффе Российской академии наук (Ioffe Institute)
Сокращенное наименование организации	ФТИ им. А.Ф. Иоффе (Ioffe Institute)
Фамилия, имя, отчество руководителя организации	Иванов Сергей Викторович
Должность руководителя организации	Директор
Почтовый адрес	194021, Санкт-Петербург, Политехническая ул., 26
Телефон	(812) 297-2245
Адрес официального сайта в сети «Интернет»	www.ioffe.ru
Адрес электронной почты	post@mail.ioffe.ru
Основные публикации работников организации по теме диссертации в рецензируемых научных изданиях за последние 5 лет	<p>1. Nikitin S.E., Shpeizman V.V., Pozdnyakov A.O., Stepanov S.I., Timashov R.B., Nikolaev V.I., Terukov E.I., Bobyl A.V. Fracture strength of silicon solar wafers with different surface textures // Materials Science in Semiconductor Processing. 2022. Vol. 140. P. 106386. 10.1016/j.mssp.2021.106386 (Web of Science, Scopus)</p> <p>2. Pronin I.A., Yakushova N.D., Averin I.A., Karmanov A.A., Komolov A.S., Sychev M.M., Moshnikov V.A., Terukov E.I. Chemical Binding of Carbon Dioxide on Zinc Oxide Powders Prepared by Mechanical Milling // Inorg Mater. 2021. Vol. 57, № 11. P. 1140–1144. 10.1134/S0020168521110108 (Web of Science, Scopus)</p> <p>3. Terekhov V.A., Terukov E.I., Undalov Y.K., Barkov K.A., Seredin P.V., Goloshchapov D.L., Minakov D.A., Popova E.V., Zanin I.E., Serbin O.V., Trapeznikova I.N. Rearrangement of the optical properties of a-SiO_x: H films after crystallization of silicon nanoclusters // Journal of Non-Crystalline Solids. 2021. Vol. 571. P. 121053. 10.1016/j.jnoncrysol.2021.121053</p>

	(Web of Science, Scopus)
	4. Babaev A.A., Zobov M.E., Saadueva A.O., Tkachev A.G., Terukov E.I. Electrical Conductivity, and the Absorption and Reflection of Microwave Radiation of a Polymer Composite Based on Multiwalled Carbon Nanotubes // <i>J. Surf. Investig.</i> 2021. Vol. 15, № 6. P. 1353–1356. 10.1134/S1027451021060288 (Web of Science, Scopus)
	5. Babaev, A.A., Saadueva, A.O., Terukov, E.I., Tkachev, A.G. Polymer Composites Based on Shungite and Taunite-M Carbon Nanomaterial for Radioprotective Coatings // <i>Prot Met Phys Chem Surf.</i> 2021. Vol. 57, № 3. P. 475–487. 10.1134/S2070205121030072 (Web of Science, Scopus)
	6. Popov E.O., Kolosko A.G., Filippov S.V., Terukov E.I., Ryazanov R.M., Kitsyuk E.P. Comparison of macroscopic and microscopic emission characteristics of large area field emitters based on carbon nanotubes and graphene // <i>Journal of Vacuum Science & Technology B.</i> 2020. Vol. 38, № 4. P. 043203. 10.1116/6.0000072 (Web of Science, Scopus)
	7. Yakushova, N.D., Averin, I.A., Pronin, I.A., Karmanov A.A., Alimova E.A. Moshnikov, V.A., Terukov, E.I. Controlling the Fractality and Size of Silver Clusters in the One-Step Synthesis of Ag–ZnO Heterostructures // <i>Tech. Phys. Lett.</i> 2020. Vol. 46, № 9. P. 864–866. 10.1134/S1063785020090138 (Web of Science, Scopus)
	8. Popov E.O., Kolosko A.G., Filippov S.V., Terukov E.I. Local current–voltage estimation and characterization based on field emission image processing of large-area field emitters // <i>Journal of Vacuum Science & Technology B, Nanotechnology and Microelectronics: Materials, Processing, Measurement, and</i>

	<p>Phenomena. 2018. Vol. 36, № 2. P. 02C106. 10.1116/1.5007006 (Web of Science, Scopus)</p>
	<p>9. Popov E.O., Kolosko A.G., Filippov S.V., Terukov E.I. Estimation and analysis of local current-voltage characteristics based on processing of field emission images of large area field emitters // 2017 30th International Vacuum Nanoelectronics Conference (IVNC). Regensburg, Germany: IEEE, 2017. P. 280–281. 10.1109/IVNC.2017.8051645 (Web of Science, Scopus)</p>
	<p>10. Babaev, A.A., Zobov, M.E., Terukov, E.I., Tkachev, A.G. A Technology for Producing Polymeric Composites Based on Carbon Nanofibers // Prot Met Phys Chem Surf. 2020. Vol. 56, № 4. P. 734–739. 10.1134/S2070205120040061 (Web of Science, Scopus)</p>