

CURRICULUM VITAE



Personal information

Family name:	Lohosha (<i>Family name used in publications: Logosha</i>)
Given name:	Alexey
Date of birth:	01 January 1981
Place of birth:	Kharkiv, Ukraine
Prof. address:	ILTPE - B. Verkin Institute for Low Temperature Physics & Engineering 47 Nauky Ave., 61103 Kharkiv, Ukraine
Phone number (mobile):	+380 (50) 400-88-40
E-mail:	logosha@ilt.kharkov.ua logosha@gmail.com
Hirsch factor (h-index)	8

Scientific degree

Oct 2009 ILTPE, Kharkiv, Ukraine	Dr.rer.nat. - Ph.D. degree in physics and mathematics Ph.D. thesis: “ <i>Electronic structure of transition and rare earth metals hexaborides.</i> ”
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Education

Sep 2006 – Oct 2009	Ph.D. student (<i>certificate summa cum laude</i>)	ILTPE - B.Verkin Institute for Low Temperature Physics & Engineering, Kharkiv, Ukraine
Sep 2002 – Jul 2003	Magister , Physics (<i>diploma summa cum laude</i>)	V. N. Karazin Kharkiv National University, Kharkiv, Ukraine
Sep 1998 – Jul 2002	Bachelor , Physics (<i>diploma summa cum laude</i>)	V. N. Karazin Kharkiv National University, Kharkiv, Ukraine

Academic career

May 2026 – present	Junior Research Scientist	ILTPE, Kharkiv, Ukraine
May 2015 – Apr 2026	Career Break	-
Oct 2006 – Apr 2015	Research Scientist	ILTPE, Kharkiv, Ukraine
Sep 2003 – Sep 2006	Junior Research Scientist	ILTPE, Kharkiv, Ukraine

Awards & scholarships

Feb 2014	Scholarship: President of Ukraine for young scientists <i>Committee of the State prizes of Ukraine in science and technology, Kyiv, Ukraine</i>
Oct 2009	Scholarship: National Academy of Sciences of Ukraine for young scientists <i>Presidium of the National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>

Skills & activities

Languages	English, Ukrainian (native), Russian (native)
Personal qualities	Responsibility, Ability to work independently

Publication highlights (total published papers – about 50: articles* – 17, conference papers – about 36)

1. Grechnev G., **Logosha A.**, Panfilov A., Zhuravleva I., Lyogenkaya A., / Features of the electronic structure of the ternary superconductors RRh_4B_4 ($R = Y, Lu$) // Low Temperature Physics. - Vol. 42. - №. 1. pp. 26-30 (2016).
2. **Logosha, A.**, Grechnev G., Lyogenkaya A., Panfilov A. / *Features of the electronic structure of the layered superconductors RNi_2B_2C , RFe_4Al_8 , and $FeSe$* // Low Temperature Physics. - Vol. 40. №. 4. - pp. 311-317 (2014).
3. Grechnev G., Fedorchenko A., **Logosha A.**, Panfilov A., Svechkarev I., Filippov V., Lyashchenko A., Evdokimova A., / *Electronic structure and magnetic properties of transition metal diborides* // Journal of Alloys and Compounds. - Vol.481, №1-2. pp. 75-80 (2009).
4. Baranovskiy A., Grechnev G., Fil V., Ignatova T., **Logosha A.**, Panfilov A., Svechkarev I., Shitsevalova N., Filippov V., Eriksson O., / *Electronic structure, bulk and magnetic properties of MB_6 and MB_{12} borides* // Journal of Alloys and Compounds. - Vol.442, №1-2 SPEC. ISS. pp. 228-230 (2007).
5. Baranovskiy A., Grechnev G., **Logosha A.**, Svechkarev I., Filippov V., Shitsevalova N., Zogał O., Eriksson O., / *Electronic spectra and magnetic properties of RB_6 , RB_{12} and RB_2C_2 borides* // Physica Status Solidi C: Conferences. - Vol. 3. №. 1 - pp. 229-232 (2006).

*All published articles can be found at <https://www.scopus.com/authid/detail.uri?authorId=11840220300>