

## CURRICULUM VITAE



### Personal information

Family name:	Kobzar (Zhuravleva)
Given name:	Irina (Ukrainian transcription: Iryna)
Date of birth:	24 January 1987
Place of birth:	Sievierodonetsk, Ukraine
Prof. address:	ILTPE - B.Verkin Institute for Low Temperature Physics & Engineering 47 Nauky Ave., 61103 Kharkiv, Ukraine
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Hirsch factor (h-index)	5

### Scientific degree

May 2018 ILTPE, Kharkiv, Ukraine	<b>Dr.rer.nat.</b> - Ph.D. degree in physics and mathematics Ph.D. thesis: " <i>Magnetoelastic properties of narrow-band systems based on 4f- and 3d- metals.</i> "
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### Education

Nov 2010 – Oct 2013	Ph.D. student ( <i>certificate summa cum laude</i> )	ILTPE - B.Verkin Institute for Low Temperature Physics & Engineering, Kharkiv, Ukraine
Sep 2008 – Jul 2009	<b>Magister</b> , Physics ( <i>diploma summa cum laude</i> )	V. N. Karazin Kharkiv National University, Kharkiv, Ukraine
Sep 2004 – Jul 2008	<b>Bachelor</b> , Physics	V. N. Karazin Kharkiv National University, Kharkiv, Ukraine

### Academic career

Nov 2013 – present	Junior Research Scientist	ILTPE, Kharkiv, Ukraine
Nov 2009 – Nov 2010	Research Engineer	ILTPE, Kharkiv, Ukraine

### Awards & Scholarships

Jul 2016	Award: <b>National Academy of Sciences of Ukraine</b> for young scientists <i>Presidium of the National Academy of Sciences of Ukraine, Kyiv, Ukraine</i>
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### Skills & Activities

Languages	English, Ukrainian (native), Russian (native)
Personal qualities	Multi-national teamwork, Multi-cultural teamwork, Responsibility, Ability to work independently

## Research experience

Jan 2017 – Dec 2021	Functional properties of the newest superconducting compounds and metal-containing spins and charge-ordered structures	ILTPE, Kharkiv, Ukraine
Sep 2017 – Oct 2017	TUMOCS: TUneable Multiferroics based on oxygen OCTahedral Structures	Universidade de Aveiro, Instituto de Materiais de Aveiro, Aveiro, Portugal
Nov 2016 – Dec 2017	Spin transitions and colossal magnetoresistance in cobaltites	ILTPE, Kharkiv, Ukraine
Jan 2012 – Apr 2015	Spectroscopic, transport, magnetic and elastic properties of new low-dimensional structures and superconducting compounds	ILTPE, Kharkiv, Ukraine
Jan 2011 – Dec 2014	Diagnostics of defects in constructional materials for nuclear power plants with application of the magnetic methods	ILTPE, Kharkiv, Ukraine
Jan 2012 – Dec 2013	Interplay of the magnetic and superconducting states in layered compounds which contain transition and rare-earth metal ions	ILTPE, Kharkiv, Ukraine
Jan 2011 – Dec 2012	Experimental study of superconducting properties of iron-based chalcogenides and pnictides	ILTPE, Kharkiv, Ukraine
Nov 2010 – Dec 2011	Quantum electronic phenomena in new leading systems	ILTPE, Kharkiv, Ukraine

## Publication Highlights (total published papers – 31: articles\* – 11, conference papers – 20)

1. Panfilov A.S., Grechnev G.E., <b>Zhuravleva I.P.</b> <i>et al.</i> / <i>Pressure effect on magnetic susceptibility of LaCoO<sub>3</sub></i> // Low Temperature Physics - Vol. 44. №. 4. -P. 328-333 (2018).
2. <b>Zhuravleva I.P.</b> <i>et al.</i> / <i>Electronic structure and magnetic properties of RT<sub>4</sub>Al<sub>8</sub> (R= Sc, Y, La, Lu; T= Fe, Mn, Cr) compounds. Hydrostatic pressure effects</i> // Low Temperature Physics. - Vol. 42. №. 6. -P. 458-465 (2016).
3. Grechnev G.E., Panfilov A.S., Fedorchenko A.V., Lyogenkaya A.A., <b>Zhuravleva I.P.</b> <i>et al.</i> / <i>Anisotropy of magnetic properties of Fe<sub>1+y</sub>Te</i> // J. Phys.: Cond. Mat. - Vol.26, №43. - P. 436003-1 — 436003-7 (2014).
4. Grechnev G.E., Logosha A.V., Panfilov A.S., <b>Zhuravleva I.P.</b> / <i>Effects of pressure on magnetic properties of gadolinium</i> // Physica B. - Vol. 407. -P.4143-4147 (2012).

\*All published articles can be found at <https://www.scopus.com/authid/detail.uri?authorId=55312941800>