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Title: Junior Researcher

Date of birth: 01.04.1977

Education, academic degrees and titles:

M. S., , Kharkov State University, 2001

• **Institutional Affiliations:**

Since 2001 has worked at ILTPE as an engineer, junior researcher.

Area of Expertise: Magneto elasticity; piezomagnetic and piezoelectric effects in solids, physics of magnetic phenomena; phase transitions of different nature in solids; precision measurements of the elastic modules of single crystals.

List of recent relevant publications:

1. Fil.V.D., Kolodyazhnaya, M.P., Zvyagina, G.A., Bilych,I.V., Zhekov, K.R. Phys. Rev. B, 2017, **96**, pp. 180407(R)-1-4

2. Kolodyazhnaya, M.P., Zhekov, K.R., Bilych, I.V., Zvyagina, G.A., Zvyagin, A.A. *Low Temperature Physics*, 2017, **43**, N11, pp. 1276-1282
3. Kolodyazhnaya, M.P., Zvyagina, G.A., Bilych, I.V., Zhekov, K.R., Kharchenko, N.F., Fil, V.D. *Low Temperature Physics*, 2017, **43**, N10, pp. 1240-1242
4. Kolodyazhnaya, M.P., Zvyagina, G.A., Gudim, I.A., Burma N.G, Zhekov, K.R., Fil, V.D. *Low Temperature Physics* , 2017, **43**, N8, pp. 924-929
5. Bilych, I.V., Zhekov, K.R., Gaydamak, T.N., Gudim, I.A., Zvyagina, G.A., Fil, V.D *Low Temperature Physics*, 2016, **42**, N12, pp. 1112-1119
6. Gaydamak, T. N., Gudim, I. A., Zvyagina, G. A., Bilych, I. V., Burma, N. G., Zhekov, K. R., & Fil, V. D. *Low Temperature Physics*, 2016, **41**, N8, pp. 614-618
7. Gaydamak, T.N., Gudim, I.A., Zvyagina, G.A., Bilych, I.V., Burma N.G., Zhekov, K.R., Fil, V.D. *Physical Review B* **92**, B. 21-1 P. 214428-1-7, 2015
8. G. A. Zvyagina, *Fiz. Nizk. Temp.* **40**, 585 (2014) [*Low Temp. Phys.* **40**, 454, (2014)]
9. V. D. Fil, D. V. Fil, K. R. Zhekov, T. N. Gaydamak, G. A. Zvyagina, I. V. Bilich, D. A. Chareev and A. N. Vasiliev , *EPL*, **103**, 47009 (2013)
10. G.A. Zvyagina, Zhekov K.R, Bilych I.V., Zvyagin A.A., Gudim I.A., Temerov V.L. , Eremin E.V *Fiz. Nizk. Temp.* **39**, 1202 (2013) [*Low Temp. Phys.* **39**, 936454 (2013)].
11. G. A. Zvyagina, Gaydamak T. N, Zhekov K.R., Bilich I.V., Fil V.D., Chareev D.A. and Vasiliev A N., *EPL*, **101**, 56005 (2013)
12. G. A. Zvyagina, K. R. Zhekov, A. A. Zvyagin, I. A. Gudim, and I. V. Bilych, *Fiz. Nizk. Temp.* **38**, 571 (2012) [*Low Temp. Phys.* **38**, 446 (2012)].
13. G.A. Zvyagina, K.R. Zhekov, I.V. Bilych, A.A. Zvyagin, I.A. Gudim, and V.L. Temerov, *Fiz. Nizk. Temp.* **37**, 1269 (2011) [*Low Temp. Phys.* **37**, 1010 (2011)]
14. G. A. Zvyagina, K. R. Zhekov, A. A. Zvyagin, I. V. Bilych, L. N. Bezmaternykh, and I. A. Gudim, *Fiz. Nizk. Temp.* **36**, 352 (2010) [*Low Temp. Phys.* **36**, 279 (2010)]
15. G. A. Zvyagina, K. R. Zhekov, A. A. Zvyagin, I. V. Bilych, L. N. Bezmaternykh, and I. A. Gudim, *Fiz. Nizk. Temp.* **36**, 376 (2010) [*Low Temp. Phys.* **36**, 296 (2010)]
16. G. A. Zvyagina, K. R. Zhekov, L. N. Bezmaternykh, and I. A. Gudim, I. V. Bilych A. A. Zvyagin, *Fiz. Nizk. Temp.* **34**, 1142 (2008) [*Low Temp. Phys.* **34**, 901 (2008)]
17. B. I. Belevtsev, G. A. Zvyagina, Zhekov K. R., I. G Kolobov., E. Yu. Beliayev, A. S Panfilov N.N. Galtsov, A. I Prokhvatilov, J. Fink-Finowicki, *Phys. Rev. B* **74**, 054427 (2006)

Number of papers published: about 30.