

Curriculum Vitae



1.	First name and Surname	Yevhen Petrenko
2.	Date of birth (<i>Y/M/D</i>)	1992.09.21
3.	Contact information (<i>email/phone(mobile)</i>)	petrenko@ilt.kharkov.ua (+380)502224291
4.	Position/Field of scientific specialization	Junior researcher of the “Transport properties of conducting and superconducting systems” department; Superconductivity and high temperature superconductivity
5.	Education	2010-2015 – MS Degree in Solid State Physics; The Faculty of Physics; Kharkiv V.N. Karazin National University, Ukraine
6.	Place of work (<i>name/address/phone/fax.</i>)	B. Verkin Institute for Low Temperature Physics & Engineering of NAS Ukraine, 47 Nauky Avenue, Kharkiv 61103, UKRAINE. Tel.: +380-57-341-09-68, Fax +380-57-340-33-70
7.	Work experience	April 2016 – Visitor scientist in International Laboratory of High Magnetic Fields and Low Temperatures, Wrocław, Poland; November-December 2017 – Visitor scientist in the Institute of Low Temperature and Structure Research, Wrocław, Poland; October 2018 – Visitor scientist in the Institute of Low Temperature and Structure Research, Wrocław, Poland
8.	Research experience	Study of high temperature superconductors (HTSC’s)
9.	Scientific publications	1) G. M. Pritula, E. V. Petrenko, O. V. Usatenko. Adiabatic dynamics of one-dimensional classical Hamiltonian dissipative systems. <i>Physics Letters A</i> , 382, 2018, Pages 548-553
10.	Conference presentations	Conferences: XII IC «Physical phenomena in Solids» Petrenko E.V., Stepanov V.B., Solovjov A. L. “Specific features of the excess conductivity behavior in FeSe _{0.94} iron-based superconductors”; "ICYS-LTP-2016" Solovjov A. L. , Petrenko E.V. , Stepanov V.B., Nazarova E. , Buchkov K. “Specific features of the excess conductivity and pseudogap behavior in FeSe _{0.94} iron-based”; "ICPYS-LTP 2017" Solovjov A.L., Petrenko E.V., Stepanov V.B., Svetlov V.N., Zhang Guo-Ping “Comparative analysis of the temperature dependence of

		<p>the fluctuation conductivity, pseudogap and thermoelectric power in single crystal and polycrystalline $\text{Ho}_{1.4}\text{Ba}_{2.4}\text{Cu}_{3.4}\text{O}_{7-\delta} - \text{CeO}_2(1\text{wt}\%)$ superconductors”; “Open Readings 2017” Petrenko E. V., Solovjov A. L., Buchkov K., Nazarova E., Rogacki K. “Excess conductivity and possible pseudogap state in $\text{FeSe}_{0.94}$ iron-based superconductors”; “ICPYS-LTP 2018” Solovjov A.L., Petrenko E.V., Omelchenko L.V., Vovk R.V. Effect of annealing on the pseudogap state of the detwinned single crystal $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ Omelchenko L.V., Solovjov A.L., Petrenko E.V., Vovk R.V. Hydrostatic pressure influence on the temperature dependence of fluctuation conductivity and pseudogap In $\text{Y}_{0.95}\text{Pr}_{0.05}\text{Ba}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals “Open Readings 2018” Petrenko E. V., Solovjov A. L., Omelchenko L. V., Stepanov V. B., Zhang Guo-Ping “Fluctuation conductivity, pseudogap and thermoelectric power in single crystal and polycrystalline $\text{Ho}_{1.4}\text{Ba}_{2.4}\text{Cu}_{3.4}\text{O}_{7-\delta} - \text{CeO}_2(1\text{wt}\%)$ superconductors” Omelchenko L. V., Solovjov A. L., Petrenko E. V., Vovk R. V. “Pseudogap in the optimally doped $\text{YBa}_2\text{Cu}_3\text{O}_{7-\delta}$ single crystals under pressure up to 1 GPa”</p>
11.	Skills	<p><u>Languages</u>: Russian – native; Ukrainian – native; English – intermediate; German – pre-intermediate. <u>Computer and Programming Skills</u>: Windows 2000/XP/Vista/7/8; Origin 8.5, 9.1; WinEdt/MikTeX; MS Office. <u>Personal Qualities</u>: adaptable, creative and self-motivated.</p>