**NAME**: Evgenij I. Zhmurikov

Date of birth: February 01, 1952

 Address: Zolotodolinskaya str., 29-212, 630090, Novosibirsk

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**EDUCATION**

2011 **PhD thesis by nuclear graphite properties** (condensed materials and nuclear physics)

1977 **Engineer-physicist**, [Tomsk State University of Control Systems and Radioelectronics](https://tusur.ru/en) . **Graduated with honors**.

**QUALIFICATIONS**

Research engineer with great experience. Studies of electro-, thermo-, strength and other properties of graphite for nuclear engineering. Detail oriented and well-organized, fast learner, high level of responsibility, logical thinking, active, good communication skills.

**WORK HISTORY**

2016-September 2017 Senior engineer- technologist of Joint-Stock Company NEVZ-CERAMICS/Novosibirsk.

2000-2014 Senior engineer, researcher in Budker’s INP of SB RAS/ Novosibirsk

1995-2000 Engineer of the information system, individual employer/ Novosibirsk

1989-1995 Engineer-technologist of ionic implantation of electro vacuum factory/ Novosibirsk

1984-1989 Engineer-designer of electro vacuum institute and special design office/ Novosibirsk

1981-1984 Engineer on repair of computer environment /Novosibirsk

1977-1981 Probationer-researcher, then the engineer of ISP SB of AS of the USSR/ Novosibirsk

**LANGUAGES**

English good

Russian native speaker

German with dictionary

Ukrainian read and write

Finnish beginner

**INTERESTS**

 Art: museum painting, impressionism, reading, classical music

**PUBLICATIONS Last important scientific publications:**

*Romanenko A.I., Anikeeva O.B., Gorbachev R.V, Zhmurikov E.I. et al*. A new, 13C –based material for neutron targets// Inorganic Materials, 2005, V.41, №5, pp.451-459

*Zhmurikov E.I., Romanenko A.I., Anikeeva O.B. et al.* High-temperature/ Effects on the Electrical Properties and Macrostructure of Carbon Composites// Inorganic Materials, 2006, V.42, №6, pp.609 – 616

*Zhmurikov E.I., Romanenko A.I., Logachev P.V. et al*. High-temperature / Tests of Fine- Grained Dense Composites to Predict the Lifetime of a Neutron Target Converter // Journal of Surface Investigation. X-ray, Synchrotron and Neutron Techniques, 2007, V.1, №1, pp. 60-63

*Zhmurikov E.I., Romanenko A.I., Bulusheva L.G. et al.* Study of the Electronic Structure and Properties of 13C-Isotope-Based Composites //Journal of Surface Investigation. X-ray, Synchrotron and Neutron Techniques, 2007, V.1, №6, pp. 645-650

*Zhmurikov E.I., Bolkhovityanov D.Yu., Blinov M.F. et al.* On the Problem of Reactor Graphite Lifetime // Journal of Surface Investigation. X-ray, Synchrotron and Neutron Techniques, 2010, V.4, №3, pp. 442-451

*Avilov M.S., Tecchio L.B., Titov A.T., Tsybulya S.V. and Zhmurikov E.I.* Design of the 50kW Neutron Converter for SPIRAL2 Facility // Nuclear Instruments and Methods in Physics Research (Section A), 2010, V.618, pp.1-15

*Zhmurikov E*.*I., Savchenko I.V., Stankus S.V., Yacuk S.S., Tecchio L.B.* Thermophysical PropertiesMeasurements Graphite Composites for the Neutron Target Converter // Nuclear Instruments and Methods in Physics Research 2 (2012) A 674, pp.79-84

*Zhmurikov E*.*I.,* *Bubnenkov I.A., Pokrovsky A.S. et al.* Graphite in Science and Nuclear Technique// [eprint arXiv:1307.1869, 07](http://adsabs.harvard.edu/abs/2013arXiv1307.1869Z)/2013 (BC 2013arXiv1307.1869Z)

*Zhmurikov E.I., Bubnenkov I.A., Dremov V.V et al.* Graphite and Nuclear Technique // PH SB RAS, 2013, [ISBN 978-5-7692-1314-4](http://sibran.ru/catalog/FM/150403/)

### Stankus, S. Yatsuk, O. ; Zhmurikov, E. ; Tecchio, L. Thermal expansion of artificial graphites in the temperature range 293-1650 K Thermophysics and Aeromechanics, 2012, Vol.19(3), pp.463-468 [Peer Reviewed Journal]

### Stankus, S. Savchenko, I. Agadzhanov, A.; Yatsuk, O. Zhmurikov, E. Thermophysicial properties of MPG-6 graphite High Temperature, 2013, Vol.51(2), pp.179-182 [Peer Reviewed Journal]

E.I.Zhmurikov [Electronic structure and physical properties of](http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1510.07214) [13](http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1510.07214)[C carbon composite](http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1510.07214), e-print arXiv:1510.07214, 10/2015

E.I.Zhmurikov [Mesostructure of graphite composite and its lifetime](http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1510.03070) e-print arXiv:1510.03070, 10/2015

E.I.Zhmurikov [Graphite in Science and Nuclear Technology](http://adsabs.harvard.edu/cgi-bin/bib_query?arXiv:1508.01814) e-print arXiv:1508.01814, 08/2015

 Full list of publications is available on  [University of Westminster website](http://library-collections-search.westminster.ac.uk/primo_library/libweb/action/search.do?fn=search&ct=search&initialSearch=true&mode=Basic&tab=remote&indx=1&dum=true&srt=rank&vid=WST_VU1&frbg&tb=t&vl%28freeText0%29=Zhmurikov&scp.scps=primo_central_multiple_fe)



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