

CURRICULUM VITAE

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Affiliation and official address:

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Education:

- PhD (Physics and Mathematics) in Nuclear and Particle Physics, Joint Institute for Nuclear Research, Dubna 06/16/2005
- Nuclear and Particle Physics, University Centre of the Joint Institute for Nuclear Research, Dubna, Graduated: 04/27/2000
- Diploma in Nuclear Technology, Saint Petersburg State Institute of Technology, Russia, Graduated: 02/11/1994

Employment:

- 09/2012 – now, Applications Physicist I, APC, Fermilab; the key role in Monte-Carlo simulations for the Mu2e project.
- 02/2010 – 09/2012, Research Associate, APC, Fermilab; the key role in Monte-Carlo simulations for the Mu2e project.
- 04/1994 – 02/2010, Junior researcher, Senior Researcher, Joint Institute for Nuclear Research, Dubna; the key role in Monte-Carlo and experimental studies in applied high-energy, nuclear physics and nuclear structure projects.

Teaching and lecturing:

- 2002-2003 – High School of Humanities and Aesthetics #11, Dubna, Russia; physics.
- 2006-2008 – Moscow Institute of Radio Equipment, Electronics and Automation, Dubna branch, senior instructor; physics for high-school students, theoretical basics of electrotechnology.
- 2011 – a series of lectures on the Mu2e experiment at Fermilab for faculty and students at Brno University of Technology, University of West Bohemia, Institute of Experimental and Applied Physics, Prague, Nuclear Physics Institute, Rez near Prague within the educational project CENEN-NET, Czech Republic.

Selected academic highlights:

2002 – Bruno Pontecorvo scholarship for young scientists, Dzhelepov Laboratory for Nuclear Problems, Joint Institute for Nuclear Research, Dubna

Membership in associations:

Since 2008 – Russian Philosophical Association, Moscow Institute of Physics and Technology branch

List of publications:

Total number of publications: 80.

Selected publications for the last 3 years:

- V.S. Pronskikh, Radiation studies for the Mu2e experiment: a review, *Modern Physics Letters A*, Vol. 28, No. 19 (2013) 1330014.
- K. Knoepfel, V.S. Pronskikh et al., Feasibility Study for a Next-Generation Mu2e Experiment, arXiv:1307.1168v1 [physics.ins-det], 2013.
- U. Al-Binni..., V.S. Pronskikh, et al., Project X: Physics Opportunities (ed. A.S. Kronfeld, R.S. Tschirhart), FERMILAB-TM-2557, 2013.
- G.O. Oganessian, ..., V.S. Pronskikh, et al., Interaction of ^{12}C ions with enriched tin isotopes at the energy 2.2 AGeV, *Phys. Atom. Nucl.* 75(2012) pp. 147-157.
- V.S. Pronskikh, V.V. Kashikhin, N.V. Mokhov, Radiation and thermal analysis of production solenoid for Mu2e experiment, *Proceedings of 2011 Particle Accelerator Conference*, New York, NY, USA, 2011, Fermilab-Conf-11-125-APC.
- Kh.U. Abraamyan, ..., V.S. Pronskikh, et al., The MPD detector at the NICA heavy-ion collider at JINR, *Nucl. Instr. and Meth. A* 628(2011), pp.99-102.
- A.Kh. Inoyatov, ..., V.S. Pronskikh, et al. The first observation of all the basic components of the KLL Auger spectrum of Sm generated in the radioactive decay of ^{147}Eu , ^{148}Eu , ^{149}Eu atoms in a solid state source, *Journal of Electron Spectroscopy and Related Phenomena*, 184 (2011) pp.52-56.
- J.Adam, ..., V.S. Pronskikh et al., A study of reaction rates of (n,f), (n, γ) and (n,2n) reactions in natU and ^{232}Th by the neutron fluence produced in the graphite set-up (GAMMA-3) irradiated by 2.33 GeV deuteron beam, *Eur. Phys. Journ. A*, 47B (2011).