

## CURRICULUM VITAE

### PERSONAL DATA:

**Name:** Ivan I. Shlyk  
**Date of Birth** 15th February, 1982  
**Place of Birth** Minsk , Belarus, USSR  
**Nationality:** Belarus  
**Marital Status:** Not Married  
**Business address:** Belarusian State University, Research Institute for Nuclear Problems, 11 Bobruiskaya app. 316 220030 Minsk, Belarus  
**Position:** Researcher  
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### EDUCATION:

- B. Sc. In Physics, June 2003. Moscow Institute of Physics and Technology (SU), Moscow, Russia. Thesis title: "Evaluation of the Kaon's propagator in the pion medium with chiral theory methods"
- M. Sc. In Physics, June 2005. Joint Institute for Nuclear Research, Dubna, Russia. Thesis title: "New method for solving the Schroedinger equation for three charged particles"

### EXPERIENCE:

#### **Joint Institute for Nuclear Research, Dubna, Russia**

06/2005 - 06/2008 (PhD Student).

#### **Institute of Physics NAN, Minsk, Belarus**

02/2009 – 02/2014 (Junior Researcher).

#### **Joint Institute for Nuclear Research, Dubna, Russia**

02/2009 – 02/2014 (Researcher)

#### **Institute for Nuclear Problems, Belarus State University, Minsk, Belarus**

01/2017 – *Present* (Researcher)

#### **Specialization (*specify*)**

- (i) **main field** electromagnetic waves interaction with condensed matter
- (ii) **other fields** few body systems, physics of the nuclei and elementary particles

### PUBLICATIONS

1. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, "New nuclear three-body clusters  $\phi NN$ ", Few-Body Syst. 44, 347-349 (2008).
2. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, "Two-nucleon  $\phi$ -meson clusters", FewBody Syst. 45, 91–95 (2009).
3. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, "3- and 4-body meson-nuclear clusters", arXiv: 0903.1703.
4. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, "Meson-nuclear clusters in the few-body approaches", EPJ Web of Conferences 3, 03033(4) (2010).

5. V. B. Belyaev and I. I. Shlyk, “Few-body meson-nuclear clusters”, Vestnik S.- Peterburgskogo un-ta. Series 4: Physics and Chemistry 3, 110–114 (2011) [Russian].

#### **CONFERENCE PRESENTATIONS:**

1. V. B. Belyaev and I. I. Shlyk, “New possible approach to the treatment of three charged particles”, The 18-th International IUPAP Conference on Few-Body Problems in Physics (21–26 August, 2006, Santos, Brazil).
2. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, “On possibility of the existence of new meson-nuclear systems”, XII Scientific Conference of JINR Young Researchers and Specialists (Dubna, Russia, 4 – 8 February 2008), oral presentation.
3. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, “Few- body meson- nuclear clusters”, Seminar “Computational Physics” (October 29 – 30, 2009, Petergof, St. Petersburg, Russia), oral presentation.
4. V. B. Belyaev, W. Sandhas, and I. I. Shlyk, “New nuclear clusters”, Nucleon-Nucleon Interaction and Nuclear Many-Body Problem (November 18 – 27, 2010, Mumbai, India), invited talk.
5. I. I. Shlyk, “The possibility of the existence of new meson-nuclear few body systems”, Seminar “Training of young scientists from CIS” (December 22, 2010, Dubna, Russia), oral presentation.
6. I. I. Shlyk, “New meson-nuclei few-body systems”, The XV Conference of young scientists and specialists (OMUS-2011) (14 – 19 February 2011, Laboratory of Information Technologies, JINR, Dubna), oral presentation.
7. I. I. Shlyk, 48th Karpacz Winter School of Theoretical Physics “Cosmic Matter in HeavyIon Collision Laboratories” (Łądek-Zdrój, Poland), 04.02.2012–11.02.2012.
8. I. I. Shlyk, Russian-Ukrainian Seminar on Few-Body Problems with Strong and Coulomb Interactions (Kiev, Ukraine), 28.05.2012–01.06.2012.