

Curriculum Vitae

Evgeny A. Yakushev, Doctor of Science (Physics and Mathematics).

Date and place of birth: March 1st, 1973, Bryansk Region, USSR

Education and degrees:

- **1990–1995** Student of Voronezh State University, Faculty of Physics, Department of Nuclear Physics
- **2001** Candidate of Science (Physics and Mathematics), PhD Thesis (JINR): “Search for admixture of heavy neutrinos in beta decay of ^{241}Pu ”
- **2023** Doctor of Science (Physics and Mathematics), Doctoral Thesis (JINR): “Application of spectrometric methods and low-temperature germanium bolometer detectors for direct search of Dark Matter particles and other rare processes”



Professional career:

- **1995–2012** Junior Researcher, Researcher, Dzhelepov Laboratory of Nuclear Problems, JINR
- **1996–1998** Stage d'étude (about 1 year in total), C.E.A., France
- **2002–2004** Research associate, The University of Alabama, USA
- **2012–2020** Head of the Nuclear Radiation Spectrometry Sector, Department of Nuclear Spectroscopy and Radiochemistry, DLNP, JINR
- **Since 2020** Head of Department of Nuclear Spectroscopy and Radiochemistry, DLNP, JINR

Scientific and organizational activity:

- **Since 2005** Leader of the EDELWEISS project at JINR, member of EDELWEISS collaboration board
- **Since 2022** Head of the joint RICOCHET-EDELWEISS project at JINR, member of the collaboration board
- **Since 2015** Co-leader of the research theme “Non-Accelerator Neutrino Physics and Astrophysics”
- **Since 2014** Member of DLNP Science & Technology Council
- **Since 2023** Member of JINR Science & Technology Council
- **Since 2022** Member of Central purchasing commission of the JINR
- **Since 2021** Head of DLNP Seminar on Nuclear Spectroscopy and Radiochemistry, Nuclear Structure, Non-Accelerative Neutrino Physics, and Astrophysics

Experiments and projects:

- **Since 1994** A lot of JINR based nuclear spectroscopy projects
- **2002–2005** KamLAND
- **Since 2005** EDELWEISS Dark Matter search experiment
- **Since 2005** Participation in double beta decay experiments: Majorana, Legend, Cupid-Mo, TGV-2
- **Since 2014** Participation in JINR neutrino program at KNPP
- **Since 2020** RICOCHET experiment

Educational activities:

- **Since 2005** Permanent supervision of diploma works and of theses, supervisor of the two PhD Theses

Scientific interests:

- Neutrino physics
- Dark Matter
- Nuclear spectroscopy

Grants and federal contracts:

- **2007–2020** Russian Foundation for Basic Research, 5 grants
- **2005–2022** Coordinator of IN2P3-JINR EDELWEISS program and JOULE program (JINR-LSM)

Scientific publications:

Co-author of more than 150 scientific works. h-index 41 (Google scholar).

Prizes and awards:

- First JINR prize for the 2022 year (together with vGeN collaboration)
- The 2016 Breakthrough Prize in Fundamental Physics (together with KamLAND collaboration)