

Sergey Ivanovich Sidorchuk, Doctor of Sciences (Phys. and Math.)

Date and place of birth:

18 January, 1961, Leningrad, USSR.

Education and degrees:

- 1984 Moscow Engineering Physical Institute, Faculty of Theoretical and Experimental Physics.
- 2004 Candidate of Physics and Mathematics: “Experimental study of the hydrogen isotopes ${}^4,5,7\text{H}$ in reactions with the beams of ${}^3\text{H}$ and ${}^8\text{He}$ ”
- 2017 Doctor of Sciences (Phys. and Math.): “Study of the structure of heavy helium isotopes in the transfer and knockout reactions”.

Professional career:

- 1984 – 2007 Probation researcher, junior researcher, researcher, senior researcher, FLNR, JINR.
- 2007 – 2015 Scientific secretary of FLNR.
- Since 2015 Deputy Director of FLNR.

Scientific and organization activity:

- Since 2013 Member of the editorial board of PEPAN Letters.
- Since 2013 Member of the Organizing Committee of the International Symposium on Nuclear Electronics and Computing.
- Since 2015 Member of the JINR Science & Technology Council.
- Since 2017 Member of PAC of the Heavy Ion Laboratory of the Warsaw University.
- Since 2018 Member of the International Advisory Committee of the International Conference on Nuclear Structure and Dynamics.
- Since 2019 Member of the Scientific Qualification Commission at FLNR, JINR.

Scientific activity:

- Technique of studies with secondary beams of radioactive nuclei.
- Mechanisms of nuclear reactions.
- Structure of light exotic nuclei near the drip-lines.
- Correlation studies of nuclear systems beyond the neutron stability border.

Scientific publications:

Coauthor of more than 150 scientific papers.

JINR awards:

- 1996 “High resolution line for experiments with radioactive beams at the U400M cyclotron” (**II prize**);
- 1998 “Structure of ${}^6\text{He}$: di-neutron bound in the field of ${}^4\text{He}$ ” (**I prize**);
- 2005 “Structure of superheavy hydrogen isotopes” (**II prize**);
- 2009 “Properties of neutron rich helium isotopes ” (**I prize**);
- 2013 “Experimental studies of exotic nuclei ${}^{26}\text{S}$, ${}^{10}\text{He}$, ${}^6\text{Be}$ and development of correlation analysis methods” (**I prize**).
- 2017 “Search for the branch of 2p-decay of the excited state of ${}^{17}\text{Ne}$ (3/2-) (**II prize**).
- 2018 “ACCULINNA-2 project: the physics case and technical challenges”(**I prize**)