# Curriculum Vitae Prof. Dr. Dmitry V.Naumov

**Personal Information**


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| Last name, first name: | Naumov, Dmitry |
| Data of birth: | 12.07.1975 |
| Nationality: | Russian |
| Current position: | Deputy Director of Dzhelepov Laboratory of Nuclear Problems of Joint Institute for Nuclear Research since 2014 |
| Work Address: | DLNP JINR,<br>Joliot-Curie, 6, 141980, Dubna, Russia<br>Tel.: +79032956870 |
| Private Address: | Rechnaya 39-4,<br>Dubna, Russia |


**Scientific Career and International Experience**

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| 1992–1997 | Physics Faculty, Irkutsk State University. Theoretical physics and radiophysics and electronics. Diploma with honors. |
| 1997-2001 | Doctoral thesis (in Russian «Candidate of science») «Production of strange particles and Lambda hyperon polarization in neutrino interactions in the NOMAD experiment», DLNP. |
| 2002–2003 | CR2 researcher at LAPP, IN2P3 (France) |
| 2004–2006 | INFN foreign researcher (Florence, Italy) |
| 2006–2013 | Head of Sector 1, Experimental Department of Physics of Elementary Particles, DLNP. |
| Since 2014 | Deputy Director of DLNP, JINR |
| from 2015 | Member of the JUNO Executive Board |
| from 2017 | Member of the Daya Bay Executive Board |
| from 2018 | Member of the JUNO Publication Committee |
| 2000-2016 | Co-chairman of «Baikal International School on Physics of Elementary Particles and AstroPhysics» |
| from 2017 | Honor Doctor (highest research degree in Russia) «Measurement $\theta_{13}$ and $\Delta m^2_{32}$ of and quantum-field theory of neutrino oscillations» |

**Research Experience**

neutrino oscillation and astroparticle physics; spin physics, nuclear physics, physics analysis.

**Service to the Community**

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| *from 2011* | referee for journals (PEPAN Letters, JPG, Zhetp) and funding organizations (RFBR, RSF) |

**Participation in experiments**

NOMAD, OPERA, Daya Bay, Baikal GVD and projects JEM-EUSO, JUNO.

**Prizes**

2017 First Prize of DLNP JINR

2015 Breakthrough Prize 2016 in Fundamental Physics (within Daya Bay Collaboration)

2012 First Prize of JINR in Experimental Physics

2006 First Premium of DLNP JINR

2005 Grant of President of Russian Federation to young Candidate of Sciences

2004 Grant of President of Russian Federation to young Candidate of Sciences

2004 Second Prize of DLNP JINR

2001 Fellowship of Bruno Pontecorvo

2001 Second Prize of JINR

2001 Premium of JINR

2001 Premium of DLNP JINR

2000 First Prize of DLNP JINR

1999 Soros PhD Fellowship Winner

1998 Soros PhD Fellowship Winner

1997 First Prize of OMUS JINR

1997 Fist Prize of Diploma works at Irkutsk State University

## Publications in Refereed Journals

In total: 73 journal publications of which
- 1 has more than 2000,
- 6 have 250+,
- 8 have 100+,
- 12 have 50+.

H-index is **38**.

**10 selected publications:**

1. **Daya Bay Collaboration.** Observation of electron-antineutrino disappearance at Daya Bay. Phys.Rev.Lett. 108 (2012) 171803. DOI: 10.1103/PhysRevLett.108.171803 (**2043** citations)
2. Neutrino Physics with JUNO JUNO Collaboration (Fengpeng An (East China U. Sci. Tech., Shanghai) *et al.*). Jul 20, 2015. 188 pp. Published in J.Phys. G43 (2016) no.3, 030401 (305 citations)
3. Spectral measurement of electron antineutrino oscillation amplitude and frequency at Daya Bay Daya Bay Collaboration (F.P. An (Beijing, Inst. High Energy Phys. & East China U. Sci. Tech., Shanghai) *et al.*). Oct 24, 2013. 8 pp. Published in Phys.Rev.Lett. 112 (2014) 061801 (275 citations)
4. Improved Measurement of Electron Antineutrino Disappearance at Daya Bay Daya Bay Collaboration (F.P. An (Beijing, Inst. High Energy Phys.) *et al.*). Oct 2012. 20 pp. Published in Chin.Phys. C37 (2013) 011001 (386 citations)

5. Measurement of electron antineutrino oscillation based on 1230 days of operation of the Daya Bay experiment Daya Bay Collaboration (Feng Peng An (East China U. Sci. Tech.) *et al.*). Oct 15, 2016. 46 pp. Published in Phys.Rev. D95 (2017) no.7, 072006 (104 citations)
6. Measurement of the Reactor Antineutrino Flux and Spectrum at Daya Bay Daya Bay Collaboration (Feng Peng An (East China U. Sci. Tech., Shanghai) *et al.*). Aug 18, 2015. 8 pp. Published in Phys.Rev.Lett. 116 (2016) no.6, 061801, Erratum: Phys.Rev.Lett. 118 (2017) no.9, 099902 (132 citations)
7. New Measurement of Antineutrino Oscillation with the Full Detector Configuration at Daya Bay Daya Bay Collaboration (F.P. An (East China U. Sci. Tech., Shanghai) *et al.*). May 13, 2015. 8 pp. Published in Phys.Rev.Lett. 115 (2015) no.11, 111802 (172 citations)
8. Search for nu(mu) ---> nu(e) oscillations in the NOMAD experiment NOMAD Collaboration (P. Astier *et al.*). Jun 2003. 19 pp. Published in Phys.Lett. B570 (2003) 19-31 (206 citations)
9. Evolution of the Reactor Antineutrino Flux and Spectrum at Daya Bay Daya Bay Collaboration (F.P. An (East China U. Sci. Tech., Shanghai) *et al.*). Apr 4, 2017. 8 pp. Published in Phys.Rev.Lett. 118 (2017) no.25, 251801 (68 citations)
10. Daya Bay Collaboration. Search for a Light Sterile Neutrino at Daya Bay. Phys.Rev.Lett. 113 (2014) 141802. DOI: 10.1103/PhysRevLett.113.141802. http://inspirehep.net/record/1308514?ln=en (95 citations)