CURRICULUM VITAE

CONTACT INFORMATION

Family name:	Nasonova
Née:	Kashibadze
First name:	Olga
Address:	1-246 Artekovskaya Str., Moscow 117556 RUSSIA
Working address:	Special Astrophysical Observatory, Nizhnij Arkhyz, Karachai-Chirkessian Republic 369167 RUSSIA
Phone:	+7 916 387 3711; +7 928 390 3438
Email:	phiruzi@gmail.com

PERSONAL INFORMATION

Date of birth:	January 19, 1982
Place of birth:	Tbilisi, Georgia
Citizenship:	Russian
Marital status:	married
Children:	Artemiy Nasonov, born December 6, 2011
	Anastasia Nasonova, born July 11, 2013

EDUCATION & EXPERIENCE

Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory of the Russian Academy of Sciences, 2007-2010
Ph.D. in physics and mathematics (specialization: astrophysics and stellar astronomy), obtained 04/2011
Ph.D. thesis: Masses of nearby groups and clusters from the motions of surrounding galaxies
Supervisor: Prof. I. D. Karachentsev

Byurakan Observatory, Armenia, 2010
32nd International School for Young Astronomers (ISYA2010) participant

Laboratory Cassiopée, Observatoire de la Côte d'Azur, Nice, France, 2010
Henri Poincaré Junior Programme fellow
Supervisor: Prof. José A. de Freitas Pacheco

Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory of the Russian Academy of Sciences, 2003-2007
Practice during the studies in M.V.Lomonosov Moscow State University
Supervisor: Prof. I. D. Karachentsev

Faculty of Physics, M. V. Lomonosov Moscow State University, 2002-2007
M.Sc. in astronomy (specialization: astrophysics and radioastronomy), 01/2007
M.Sc. thesis: Peculiar velocities of the Local Volume galaxies and the total mass of the Virgo Cluster
Supervisor: Prof. I. D. Karachentsev

Department of Physics and Information Technologies, Moscow State Pedagogical University, 2000-2002
Information technologies in physics

POSITIONS

Student, 2000-2002
Department of Physics and Information Technologies, Moscow State Pedagogical University, Moscow, Russia

Student, 2002-2007
Faculty of Physics, M. V. Lomonosov Moscow State University, Moscow, Russia

Technician, 2005
Department of Stellar astrophysics, Sternberg Astronomical Institute, M. V. Lomonosov Moscow State University, Moscow, Russia

Programmer, 2006
Department of Stellar astrophysics, Sternberg Astronomical Institute, M. V. Lomonosov Moscow State University, Moscow, Russia

Programmer, junior researcher, 2007
Informational Department, State M. Sholokhov Museum-Reserve

Programmer, technician, 2007
Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory, Russia

Ph.D. student, 2007-2010
Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory, Russia

Research fellow, 2011
Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory, Russia

Research scientist, 2011-...
Laboratory of Extragalactic Astrophysics and Cosmology, Special Astrophysical Observatory, Russia

GRANTS & FELLOWSHIP

Participation in projects supported by Russian Foundation for Basic Research:
12-02-91338 joint with DFG - Cosmology in the Local Universe
11-02-90449 joint with Ukraine - Spatial distribution and physical properties of galaxies in regions of extremely low density of matter
10-02-92650 joint with India - Gas and star formation in the lowest mass galaxies
07-02-00005 - The Dark Matter in the Local Supercluster

06-02-04017 joint with DFG - The structure and kinematics of the Local Supercluster
05-02-26571 - Young Scientist's Conference on Astronomy and Space Physics YSC-12

Grant of the Ministry of Education and Science of the Russian Federation (No 14.740.11.0901), 2011-2013
Grant for graduate students and young scientists of the non-profit Dmitry Zimin's Dynasty Foundation, 2011-2012
Henri Poincaré Junior Fellowship of ADION in 2010, Observatoire de la Côte d'Azur, CNRS, France

RESEARCH INTERESTS

Galaxies of the Local Volume, distances and velocities of nearby galaxies, large scale structure of the Universe, dark matter, cosmological constant, Hubble flow, spherical infall model, mapping peculiar velocities; databases, numerical models, data visualization

PUBLICATIONS

1. Karachentsev I.D., Nasonova O.G. Intense look at Virgo Southern Extension. Monthly Notices of the Royal Astronomical Society, Vol. 429, Issue 3, pp. 2677-2686, 03/2013 (arXiv:1212.0840).
2. Karachentsev I.D., Nasonova O.G., Courtois H.M. Anatomy of Ursa Majoris. Monthly Notices of the Royal Astronomical Society, Vol. 429, Issue 3, pp. 2264-2273, 03/2013 (arXiv:1211.5975).
3. Karachentsev I.D., Nasonova O.G., Courtois H.M. Fast motions of galaxies in the Coma I cloud: a case of Dark Attractor? Astrophysical Journal, Vol. 743, Issue 2, id. 123, 12/2011 (arXiv:1109.2783).
4. Nasonova O.G., de Freitas Pacheco J.A., Karachentsev I.D. Hubble flow around Fornax cluster of galaxies. VizieR On-line Data Catalog: J/A+A/532/A104 (2011).
5. Nasonova O.G., de Freitas Pacheco J.A., Karachentsev I.D. Hubble flow around Fornax cluster of galaxies. Astronomy & Astrophysics, Vol. 532, id. A104, 08/2011 (arXiv:1106.1291).
6. Nasonova O.G., Karachentsev I.D. Kinematics of the Local cosmic void. Astrophysics, Vol. 54, No. 1, pp.1-14, 03/2011 (arXiv:1011.5985).
7. Chernin A.D., Karachentsev I.D., Nasonova O.G., Teerikorpi P., Valtonen M.J., Dolgachev V.P., Domozhilova L.M., Byrd G.G. Dark energy domination in the Virgocentric flow. Astronomy and Astrophysics, Volume 520, 104-110, 09/2010 (arXiv:1006.0555).
8. Karachentsev I.D., Nasonova O.G. The observed infall of galaxies towards the Virgo Cluster. Monthly Notices of the Royal Astronomical Society, Volume 405, Issue 2, pp. 1075-1083, 06/2010 (arXiv:1002.2085).
9. Karachentsev I.D., Kashibadze (Nasonova) O.G. Blueshifted galaxies in the Virgo Cluster. Astrophysics, Vol. 53, No. 1, pp. 32-41, 2010 (arXiv:1007.1580).

10. Karachentsev I. D., Kashibadze O. G., Makarov D. I., Tully R. B. The Hubble flow around the Local Group. Monthly Notices of the Royal Astronomical Society, Vol. 393, Issue 4, pp. 1265-1274, 03/2009 (arXiv:0811.4610).
11. Kashibadze O. G. Multiparametric infrared Tully-Fisher relation as a tool for mapping cosmic flows. Astrophysics, Vol. 51, Issue 3, pp.336-348, 07/2008.
12. Chernin A. D., Karachentsev I. D., Kashibadze O. G., Makarov D. I., Teerikorpi P., Valtonen M. J., Dolgachev V. P., Domozhilova L. M. Local dark energy: HST evidence from the vicinity of the M 81/M 82 galaxy group. Astrophysics, Vol. 50, Issue 4, pp.405-415, 10/2007 (arXiv:0706.4171).
13. Chernin A. D., Karachentsev I. D., Makarov D. I., Kashibadze O. G., Teerikorpi P., Valtonen M. J., Dolgachev V. P., Domozhilova L. M. Local dark energy: HST evidence from the expansion flow around Cen A/M83 galaxy group. Astronomical & Astrophysical Transactions, vol. 26, issue 4, pp. 275-283, 08/2007 (arXiv:0704.2753).
14. Karachentsev I. D., Tully R. B., Dolphin A., Sharina M., Makarova L., Makarov D., Kashibadze O. G., Karachentseva V., Sakai S., Shaya E. J., Rizzi L. The sHubble flow around the CenA / M83 galaxy complex. The Astronomical Journal, Vol. 133, Issue 2, pp. 504-517, 02/2007 (arXiv:0603091).
15. Karachentsev I. D.; Kashibadze O. G. Masses of the local group and of the M81 group estimated from distortions in the local velocity field. Astrophysics, Vol. 49, Issue 1, pp.3-18, 01/2006 (arXiv:0509207).
16. Kashibadze O. G. Total Masses of the Nearby Groups of Galaxies From the Surrounding Hubble Flow. 12th Young Scientists' Conference on Astronomy and Space Physics, held in Kyiv, Ukraine, April 19-23, 2005, Eds.: Simon, A.; Golovin, A., Kyiv University Press, p. 58, 04/2005.
17. Kashibadze O. G. The astronomical landscape in M.Sholokhov's masterpieces (an interdisciplinary investigation). XII International conference for students and young researches on fundamental sciences "Lomonosov 2005", held in Moscow, Russia, April 12-15, 2005. In Russian.
18. Kashibadze O. G. Integral masses of the nearby galaxy groups from the observed Hubble flow arounf them. XII International conference for students and young researches on fundamental sciences "Lomonosov 2005", held in Moscow, Russia, April 12-15, 2005. In Russian.

LANGUAGES

Russian (native)
English (fluent)
French (good)
Italian (fair)
Georgian (basic)

SKILLS & QUALIFICATION

Linux, HTML, SQL databases
Programming ability in Python, PHP, M-language
Driving License