

Azamat Valeev

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Personal information

First name/Surname Valeev Azamat
Nationality(-ies) Russian Federation
Date of birth 06.05.1983 (May 6, 1983)
Gender Male

Work experience

Aug 2021 up to date

Occupation Deputy Director
Main activities and responsibilities Managing the 6-m BTA telescope operation, direct and oversee the financial activities of the SAO RAS
Name and address of employer [Special Astrophysical Observatory of Russian Academy of Sciences Institution](#)
(369167, Russia, KChR, Nizhnij Arkhyz)
Type of business sector Science Institution

September 2013 up to date

Occupation Senior Researcher
Main activities and responsibilities Proposals submitting, scheduling of observations, instrument night-time setup, instrument calibrations, astronomical observations as night assistant (20 nights/year at 6-m BTA and 25 nights/year at Zeiss1000)
Developing, supporting and optimizing software for processing the raw data using python (GTC/OSIRIS, BTA 6-m/SCORPIO, HST/phot).
Publishing the results
Name and address of employer [Special Astrophysical Observatory of Russian Academy of Sciences Institution](#)
(369167, Russia, KChR, Nizhnij Arkhyz)
Type of business sector Science Institution

January 2011 - September 2013

Occupation Researcher
Main activities and responsibilities Proposals submitting, scheduling of observations, instrument night-time setup, instrument calibrations, astronomical observations as night assistant (12 nights/year at 6-m BTA and 15 nights/year at Zeiss1000)
Developing, supporting and optimizing software for processing the raw data (SPITZER/IRAC both photometry and spectroscopy).
Developing and optimizing software for analysing the scientific results FORS pipeline, VIMOS IFU mode pipeline, patch starburst99

Publishing the results

Name and address of employer [Special Astrophysical Observatory of Russian Academy of Sciences Institution](#)
(369167, Russia, KChR, Nizhnij Arkhyz)

Type of business sector Science Institution
[November 2009 - January 2011](#)

Occupation Junior Researcher

Main activities and responsibilities Instrument night-time setup, instrument calibrations, astronomical observations as night assistant (10 nights/year at 6-m BTA and 15 nights/year at Zeiss1000)
IRAF, MIDAS raw data processing
Publishing the results

Name and address of employer [Special Astrophysical Observatory of Russian Academy of Sciences Institution](#)
(369167, Russia, KChR, Nizhnij Arkhyz)

Type of business sector Science Institution
[September 2004-May 2005](#)

Occupation Coder, software tester

Main activities and responsibilities Software developing (QT3 graphical interfaces, SQL, XML) and testing (automatic tests using bash/python scripting), software documentation writing, software implementation

Name and address of employer [Kazan Manufacturing Enterprise of Computer Systems](#) (KME-CS) and Britain's International Computers Limited (ICL), Fujitsu Group; 420029 Russia, Kazan, Sibirsky Trakt, 34

Type of business sector Software develop, design and implementation of integrated IT solutions and services

Education and training

[2006-2009 PhD == Doctor of Philosophy in physical and mathematical sciences](#)

Principal subject «Search and investigation of massive stars on final stages of their evolution in M33 galaxy and Milky Way»

Supervisor Prof. S. Fabrika (Special Astrophysical Observatory of RAS)

Name and type of organization providing education and training [Special Astrophysical Observatory of Russian Academy of Sciences Institution](#)
(369167, Russia, KChR, Nizhnij Arkhyz) Astrophysic and stellar astronomy

International level ISCED6
[2000-2006 Master of Science in physical and mathematical sciences](#)

Principal subject «Search of massive stars on the critical stages of their evolution»

Supervisor Prof. S. Fabrika (Special Astrophysical Observatory of RAS)

Name and type of organization providing education and training [Kazan State University](#) , Physical department, Astronomy division - 420008, Kazan, Kremlyovskaya str, 18

International level ISCED5

Personal skills and competences

Languages

Mother tongue(s)	Tatar, Russian
Other language(s)	
Self-assessment	
English	C1 (Astronomy, Physic) C1 (other areas of life and science)
German	B1 (Basic speaker)

Organisational skill and competences

2004-2006	Head of students' self-government of physical department (Kazan State University)
in SAO RAS	Member of several Local Organizing Committees: "The multi-messenger astronomy: gamma-ray bursts, search for electromagnetic counterparts to neutrino events and gravitational waves" (2018), "SN 1987A, Quark Phase Transition in Compact Objects and Multimessenger Astronomy" (2017), "Stars: from collapse to collapse" (2016), Russian Astronomers Conference (2014, 2010), Young scientiest schools in SAO RAS (2008,2009)

Computer skills and competences

astronomical raw data processing:	VLT/FORS2 Multi Object Spectroscopy, VLT/VIMOS IFU (Integral Field Unit), GTC/OSIRIS LongSlit, BTA/SCORPIO LongSlit, Spitzer/IRAC images, HST/WFPC2, HST/ACS, San Pedro Martir/UNAM long slit, SAORAS Zeiss1000 Images/Polarimetry
scientific software:	python (astropy,numpy,scipy), iraf, Midas, hstphot, VIMOS pipeline, FORS pipeline, Aladin, mopex/apex (Spitzer infrared photometry), ds9, GAIA, SExtractor, L ^A T _E X
operation systems:	Linux (Fedora Core, Gentoo, Slackware), Windows
programming languages:	python, c++, Fortran, bash, c, HTML/XML/CCS
related software:	Open Office/Microsoft Office programs, GiMP

Memberships in Scientific Organizations

Member of International Astronomical Union (IAU)

Work with undergraduate students and lectures

Knowledge transfer activities:	over the past 7 years I succesfully carried out the academic leadership and coordination of scientific work of second - fourth year students of Kazan Federal University: Kuchaeva E., Sudnik N., Lysenko A., Uskov G., Akhmadullin D., Nikonorov I.
Lectures:	The lectures for first and second year students from Moscow State University, Kazan State University, Southern Federal University during their expedition practice in SAO RAS.

Publications

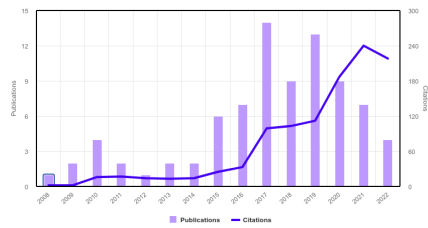
Publication List	on Valeev Azamat's home page
ResearchID	G-6634-2018

ORSID [0000-0003-3513-3527](#)

SCOPUS ID [35173619800](#)

ADS harvard [224 publications \(last updated: Oct 2022\)](#)

Times Cited and Publications Over Time



Total Articles in Publication List:	224 (ADS)
Last 5 years Q1 publications:	24
Articles With Citation Data (Web of Science):	83
Sum of the Times Cited:	1095
h-index:	19
Last Updated:	Oct 2022

Additional information

Family

Marital status Married

Wife Fatykhova Luiza (Mar 08, 1983)

Children Valeeva Gusel (Aug 21, 2011), Valeev Aidar (Jun 24, 2014), Valeeva Alina (Aug 15, 2017)

Personal interests

Hobbies Chess, volleyball, badminton, hiking, reading books. Love to travel and experience different cultures.