

# Giorgi Javakhishvili

## personal information

## Contact Details

Email address: javakhishvili@iliauni.edu.ge

Full name: Giorgi Javakhishvili

Gender: Male

Country: საქართველო (Georgia)

Citizenship: საქართველო  
(Georgia)

City: Tbilisi

## Languages

Language	Writing	Reading	Speaking
English	A2	A2	A2
Russian	B2	B2	B2
ქართული (Georgian)	C2	C2	C2

## Education

### Academic degree

Academic Degree: Doctoral/PhD, Ed.D or other equivalent

Year obtained: 19.02.1998

### Education

Academic Degree	Name of the Institution	Country	Major discipline	Start year	End year
Master/MS, MA, MR, MBA, m.Ed or other equivalent	Tbilisi state university	საქართველო (Georgia)	Astronomy	1975	1980
Doctoral/PhD, Ed.D or other equivalent	Abastumani Astrophysical Observatory	საქართველო (Georgia)	Physics and Mathematics		1998

## Projects

### Completed projects

Project title	Position	Project head	Start Date	End Date	Donor
Influence of the upper atmosphere planetary scale dynamical processes on the behavior of the mid-latitude red 630.0 nm line nightglow intensity.	Project Manager	Giorgi Javakhishvili	15.04.2013	15.04.2016	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA
Solar and Space Weather Network of Excellence-SOLSPANET	Participant of the Project	Bidzina Shergelashvili	01.09.2011	31.08.2016	SOLSPANET, European Commission grant FP7-PEOPLE-2010-IRSES,269299

Project title	Position	Project head	Start Date	End Date	Donor
Didebulidze G. Long-term trends of the mid-latitude upper atmosphere and geocorona nightglow intensities and their coupling under different helio-geophysical conditions	Participant of the Project	Goderdzi Didebulidze	15.04.2007	15.04.2010	SHOTA RUSTAVELI NATIONAL SCIENCE FOUNDATION OF GEORGIA

## Scientific Fields (2018-2020)

### Main Field

Field: 1. Natural sciences

Sub-Field: 1.3 Physical sciences

Subject area: 1.3.8 Astronomy (including astrophysics, space science)

## Scientific Fields (2021-2024)

### Main Field

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.9 Universe Sciences

Subject area: 1.9.2 Solar system science

### Additional Field (1)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.9 Universe Sciences

Subject area: 1.9.2 Solar system science

### Additional Field (2)

Field: 1. Physical Sciences and Engineering

Sub-Field: 1.9 Universe Sciences

Subject area: 1.9.6 Stars – stellar physics, stellar systems

## Employment History

### Current place(s) of employment

Workplace	Name of the work department	Position	Main responsibilities	Start Date
Ilia State University	LEPL	Associate Professor	Pedagogical activity. Astronomy & Astrophysics research.	22.11.2007

### Work experience

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Abastumani Astrophysical Observatory	LEPL	Coordinator of educational programs	Teaching, Popularisation.	01.01.2023	16.03.2023
Abastumani Astrophysical Observatory	LEPL	Data processing specialist	Data processing. Observation.	01.01.2020	31.12.2022
Abastumani Astrophysical Observatory	LEPL	Research Consultant	Scientific studies, astronomical observations	01.01.2010	01.01.2020

Company/Institution	Name of the department	Position	Main responsibilities	Start Date	End Date
Abastumani Astrophysical Observatory	LEPL	Director	Management of a scientific institution	20.08.2007	31.12.2009
Abastumani Astrophysical Observatory	LEPL	Senior Researcher	Scientific studies, astronomical observations	01.09.2003	20.08.2007
Abastumani Astrophysical Observatory	LEPL	science worker	Scientific research. Astronomical observations	01.09.1990	31.08.2003
Abastumani Astrophysical Observatory	LEPL	Junior Researcher	Scientific studies, astronomical observations	01.09.1983	31.08.1990
Abastumani Astrophysical Observatory	LEPL	Laboratory Assistant	Participate in scientific research	01.09.1980	31.08.1983

## Scientific Productivity

### Article / Monograph / Manual

Type	Authors	Publication title	Source title	Year
Article	Todua, M.; Didebulidze, G. G.; Javakhishvili, G.	Cosmic Factors in the Variations of the Lower and Upper Atmosphere-Ionosphere Parameters Observed from Abastumani	ASPC	2017
Article	Giorgi Javakhishvili, Goderdzi Didebulidze, Nikoloz Gudadze, Lexo Toriashvili	The oxygen red OI 630.0 nm line nightglow intensity as an indicator of atmospheric waves propagation in the mid-latitude ionosphere F2 region	EGU General Assembly Conference Abstracts	2016
Article	G Didebulidze, G Javakhishvili, M Todua, L Toriashvili	Mesosphere-thermosphere regions coupling with the lower atmosphere through the inter-annual variations of the hydroxyl OH (8-3) bands, the oxygen 557.7 nm and 630.0 nm lines nightglow intensities	EGU General Assembly Conference Abstracts	2016
Article	Giorgi Sh Javakhishvili	Short-period AGWs of the meosopause region observed by all-sky imager over Abastumani	Journal of the Georgian Geophysical Society	2015
Article	G Didebulidze, N Gudadze, G Javakhishvili	The regional peculiarities of the long-term trends in the upper atmosphere-ionosphere parameters and its coupling with climate changes by nightglow observations in Abastumani	Proceedings of the Sixth Workshop" Solar Influences on the Magnetosphere	2015
Article	Javakhishvili, G.	The acceleration center in the three body problem	Instability and Evolution of Stars	2014
Article	N Gudadze, G Javakhishvili, G Didebulidze	Some peculiarities of the upper atmosphere planetary scale motions in the Caucasus region	Instability and Evolution of Stars	2014
Article	Nikoloz Gudadze, Goderdzi G Didebulidze, Giorgi Sh Javakhishvili	Appearance of lower thermosphere and ionosphere F2 region dynamical coupling caused by tidal motions over Abastumani	Journal of the Georgian Geophysical Society	2013
Article	G Didebulidze, M Todua, G Javakhishvili	Cosmic factors in the inter-annual and long-term variations of cloudless days and nights over Abastumani (41.75 N, 42.82 E)	38th COSPAR Scientific Assembly	2010
Article	G Javakhishvili, M Todua	Overlapping binary and multiple open cluster candidates in the Galaxy	arXiv preprint	2010
Article	GG Didebulidze, G Sh Javakhishvili, MA Marsagishvili, M Todua	About the annual distribution of magnetically disturbed cloudless days and nights over Abastumani (41.75 N, 42.82 E)	arXiv preprint	2008
Article	N.B. Gudadze, ... G.Sh. Javakhishvili, M.G....	About environmental/dynamical changes in the atmosphere responsible for different long-term trends in the oxygen red 630 nm line nightglow intensity	Journal of the Georgian Geophysical Society	2006
Article	G.G. Didebulidze, V.M. Iskandarova, M.M. Todua, G. Sh. Javakhishvili.	The relationship between total ozone content over Abastumani and geomagnetic disturbances	Journal of the Georgian Geophysical Society	2006
Article	N Gudadze, G Didebulidze, G Javakhishvili, V Aushev...	Some Properties of Long-term Variations of the Oxygen red 630 nm Line Nightglow Intensity and the Ionosphere F2 Layer	36th COSPAR Scientific Assembly	2006
Article	N. B. Gudadze, G. G. Didebulidze, L. N. Lomidze, G. Sh. Javakhishvili, M. A. Marsagishvili, and M. Todua	Different long-term trends of the oxygen red 630.0 nm line nightglow intensity as the result of lowering the ionosphere F2 layer	Annales Geophysicae	2006
Article	G. Javakhishvili, V. Kukhianidze, M. Todua, R. Inasaridze	A method of open cluster membership determination	Astronomy & Astrophysics	2005

Type	Authors	Publication title	Source title	Year
Article	G.Didebulidze, G.Javakhishvili, M.Todua	Annual distribution of cloudless days in Abastumani (41.8N,42.8E)	Journal of the Georgian Geophysical Society	2005
Article	Javakhishvili, G	Acceleration Center in the Three-body Problem	Bulletin of the Georgian National Academy of Sciences (Moambe)	2005
Article	Javakhishvili, G. Kukhianidze ,V. Inasaridze, R. Todua, M.	New method of open cluster membership determination	Bulletin of the Abastumani Astrophysical Observatory	2004
Article	Salukvadze, G. Javakhishvili, G.	New version of the catalog of Trapezium type star systems	Bulletin of the Abastumani Astrophysical Observatory	2003
Article	Didebulidze, G. G., ... Javakhishvili, G., ...	Short-period atmospheric gravity waves amplitude amplification at the mesosphere-thermosphere heights	J. Georgian Geophys. Soc.	2003
Article	Zaqarashvili T., Javakhishvili G., Belvedere G.	On a mechanism for magnetic activity in interacting binaries	ApJ	2002
Article	Salukvadze, G. Javakhishvili, G.	New Trapezium type multiple star systems.	Astrophysics	1999
Article	Kulijanishvili V.I., ... , Javakhishvili G.Sh., ...	The August 11, 1999 solar corona	National Astr. Meeting in Solar Phys. Moscow	1999
Article	Kulidjanishvili, V. Javakhishvili, G.	About the structure and shape of the solar corona on August 11, 1999	Bulletin of the Abastumani Astrophysical Observatory	1999
Article	Mirzoyan, L. Salukvadze, G. Hambarian, V. Javakhishvili, G.	Trapezium type multiple stars - INSTABLE SYSTEMS	Astrophysics	1998
Article	Salukvadze, G. Javakhishvili, G.	Физические параметры кратных систем типа Трапеции ранних спектральных классов, выведенные из uvbyb фотометрии. II.	Astrophysics	1998
Article	Salukvadze, G. Javakhishvili, G.	Physical parameters of Trapezium type systems of early spectral classes derived from uvbyb photometry	Astrophysics	1997
Article	Javakhishvili, G. Salukvadze G.	Electrophotometry of Trapezium type multiple system stars	Astrophysics	1996
Article	G.N. Salukvadze, G.Sh. Javakhishvili, O.M. Kurtanidze	Detailed Studies of Trapezium – type Multiple Stellar Systems	Proceed. IAU Colloquium N148	1995
Article	G.N. Salukvadze, G.Sh. Javakhishvili	Some Physical Parameters and uvbyb Photometry of Trapezium – Type Multiple Systems	Proceed. IAU Colloquium N164	1995
Article	Salukvadze, G. Javakhishvili, G.	Some Physical Parameters and uvbyb Photometry of Trapezium – Type Multiple Systems	Proceed. IAU Colloquium N166	1995
Article	Salukvadze, G. Javakhishvili, G.	uvbyb Photometry of Trapezium – Type Multiple Systems	Astron. Nachrichten	1995
Article	G.N. Salukvadze, G.Sh. Javakhishvili	Radial Velocities of the Components of Trapezium Type Multiple Systems	Astron. Nachrichten	1995
Article	Javakhishvili, G. Salukvadze G.	Radial velocities of the components of the trapezium type multiple star systems. II	Astrophysics	1994
Article	Javakhishvili, G. Salukvadze G. Pavlov M.	Radial velocities of the components of the trapezium type multiple star systems.	Astrophysics	1993
Article	Salukvadze, G. Javakhishvili, G.	Electro photometry of the Trapezium type multiple star systems with main stars of spectral classes O-B2.	Bulletin of the Abastumani Astrophysical Observatory	1989
Article	Salukvadze, G. Javakhishvili, G.	Trapezium - Type Wide Systems	Bulletin of the Georgian National Academy of Sciences (Moambe)	1988
Article	Salukvadze G.N., Javakhishvili G.Sh.	Trapezium - Type Wide Systems	Astrophysics and Space Science	1988
Article	Khetsuriani Ts., ... Javakhishvili, G.	Observations of the Solar Corona during the total solar eclipse of July 31, 1981.	Bulletin of the Abastumani Astrophysical Observatory	1983

Scientific event name	Title of the presentation	Event venue	Year
EGU General Assembly	The oxygen red OI 630.0 nm line nightglow intensity as an indicator of atmospheric waves propagation in the mid-latitude ionosphere F2 region	Austria, Vienna	2016
EGU General Assembly	Mesosphere-thermosphere regions coupling with the lower atmosphere through the inter-annual variations of the hydroxyl OH(8-3) bands, the oxygen 557.7 nm and 630.0 nm lines nightglow intensities	Vienna Austria	2016

### Productivity index

#	Citation index	h-index
Google scholar	74.00	5.00
Scopus		4.00
Web of science		4.00