

CURRICULUM VITAE

Nino Kochiashvili

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BIOGRAPHICAL DATA

Birth date: 16.06.1960

Place of Birth: Signagi, Georgia

Citizenship: Citizen of Georgia

EDUCATION

Degree of a Candidate of Sciences (PhD): March, 2006;
Physics and Mathematics, 01.03.02.

Master of Science, 1982

Tbilisi State University, 1977 - 1982

Specialization: Astronomer, Mathematician, Teacher of Astronomy and Mathematics

PROFESSIONAL EXPERIENCE

Laboratory Assistant, Abastumani Observatory, 04.10.1982 - 01.10.1987

Junior Scientist, Abastumani Observatory, 01.10.1987 – 15.02.1992

Scientist, Abastumani Observatory, 15.02.1992 – 09.11.2007

Associated Researcher, Abastumani Observatory, 09.11.2007 - 17.05.2010

Researcher, Abastumani Observatory, 17.05.2010 – present

TEACHING EXPERIENCE

Assistant Professor, Ilia State University, 17.05.2010 – present

Courses:

1. Variable Stars, Ilia State University, 2010-present
2. Stellar Astronomy, Ilia State University, 2010-present

3. Theoretical Astrophysics – Stellar Photospheres, Ilia State University, 2010,
4. Asteroseismology, Ilia State University, 2010,
5. Modern Astronomy, Tbilisi State University, 2008.

PUBLICATIONS

1. **N. Kochiashvili**; S. Beradze; I. Kochiashvili; E. Janiashvili; R. Natsvlshvili; T. Urushadze; M. Vardosanidze. UBV Photometry of P Cygni at the Abastumani Observatory. *Az.AJ.* v.9, No.3, p. 18-22, 2014.
2. Beradze, S.; **Kochiashvili, N.**; Kochiashvili, I.; Natsvlshvili, R. Hypergiant P Cygni Instability and Evolution of Stars, Proceedings of the Byurakan-Abastumani Colloquium dedicated to Ludwik Mirzoyan's 90th anniversary, held on 26-28 August 2013 in Byurakan Astrophysical Observatory, Armenia. Eds.: Harutyunian, H. A.; Nikoghosyan, E. H.; Melikian, N. D., Yerevan, "Gitutyun" Publishing House of the National Academy of Sciences of the Republic of Armenia (NAS RA), p. 10-13, 2014.
3. P.Lampens, A.Tkachenko, H.Lehmann, J.Debosscher, C.Aerts, P.G.Beck, S.Bloemen, **N.Kochiashvili**, A.Derekas, J.C.Smith, P.Tenenbaum, and J.D.Twicken. Low-frequency variations of unknown origin in the Kepler Delta Scuti star KIC 5988140 = HD 188774. *A&A.* v. 549, p. A104, 2013.
4. P. Lampens, A. Tkachenko, H. Lehmann, J. Debosscher, C. Aerts, P.G. Beck, S. Bloemen, **N.Kochiashvili**, and A. Derekas. Do we see the simultaneous occurrence of stellar rotational effects and short-period pulsations in some A-type Kepler stars? **AN**, v. **333**, No.10, pp. **975-977**, **2012**.
5. P.Lampens, A.Tkachenko, H.Lehmann, J.Debosscher, C.Aerts, P.G.Beck, S.Bloemen, **N.Kochiashvili**, A.Derekas, J.C.Smith, P.Tenenbaum, and J.D.Twicken. The Kepler Delta Scuti star KIC 5988140. **VizieR On-line Data Catalog: J/A+A/549/A104. 2012.**
6. Natsvlshvili, Rezo; **Kochiashvili, Nino**. On a Mechanism of Stars' Flares. Evolution of Cosmic Objects through their Physical Activity, Proceedings of the Conference dedicated to Viktor Ambartsumian's 100th anniversary, held 15-18 Sep 2008 in Yerevan and Byurakan, Armenia, Editors: H.A. Harutyunian, A.M. Mickaelian & Y. Terzian, Yerevan, "Gitutyun" Publishing House of NAS RA, p. 77-82". **2010**.
7. **Kochiashvili, Nino**. Astronomical Education in Georgia. JENAM 2010, Joint European and National Astronomy Meeting held 6-10 September, 2010 in Lisbon Portugal., p.124. **2010**.

8. Areg Mickaelian, **Nino Kochiashvili**, Hrach Astsatryan, Haik Harutyunian, Tigran Magakian, Ketevan Chargeishvili, Rezo Natsvlshvili, Vasil Kukhianidze, Lusine Sargsyan, Parandzem Sinamyan, Giorgi Ramishvili, Ia Kochiashvili, Gor Mikayelyan. CSIT proceedings, p. 424-427, **2009**.
9. R. Natsvlshvili, **N. Kochiashvili**. Flare Processes in Different Type Stars. **RoAJ**, v. 18, Suppl. p. 79-85, **2008**.
10. I. Kochiashvili, **N. Kochiashvili**. Is EM cep a Binary System or a Short-Period Cepheid? **RoAJ**, v. 18, Suppl. p. 61-65, **2008**.
11. **N. Kochiashvili**, R. Natsvlshvili, H. Bakis and M. Tanriver. Investigation of EM Cep. **Astronomical and Astrophysical Transactions**. V. 26, Nos 1-3, p. 113-115, **2007**.
12. M. Kumsiashvili, R. Natsvlshvili and **N. Kochiashvili**. A new unique phenomenon for the RY Scuti binary star. **Astronomical and Astrophysical Transactions**. V. 26, Nos 1-3, p. 103-110, **2007**.
13. Kumsiashvili, M.I.; **Kochiashvili, N.T.**; Djurasevic, G. Analysis of photoelectric light curves of V448 CYG taking the Roche geometry into account. **Astrophysics**, v.48, No.1, 2005.
14. Kumsiashvili, M.I.; **Kochiashvili, N.T.** Photoelectric Observations of V 448 Cyg and their Comparison with Spectroscopic Data. **AbaOB.**, No. 77, 2004.
15. Kumsiashvili, M.I.; **Kochiashvili, N.T.** Photoelectric Observations of V448 CYGNAE. **Astrophysics**, v.46, No.2, 2003.
16. Kumsiashvili, M.I.; **Kochiashvili, N.T.** Three Colour Photoelectric observations of V 448 Cyg. **AbaOB.**, No. 76, 2003.
17. Kumsiashvili, M. I.; **Kochiashvili, N. T.**, Reanalysis of Photoelectric Observations of V 448 Cyg., "EAAS General Meeting, Moscow, May 25 - June 2, 2002.
18. Karitskaya E.A., Voloshina I.B., Goranskij V.P., Grankin K.N., Djaniashvili E.B., Ezhkova O.V., **Kochiashvili N.T.**, Kumsiashvili M.I., Kusakin A.V., Lyutyi V.M., Mel'nikov S.Yu., Metlova N.V. Variability of Cyg X-1 in 1994-1998. VizieR On-line Catalog, 2001.
19. Kumsiashvili, M. I.; **Kochiashvili, N. T.** Participation of the Abastumani Astrophysical Observatory in Different Programs for Coordinated Investigation of Cyg X-1, **AbaOB**, Vol. 75, p. 241-268, 2000.
20. Kumsiashvili, M. I.; **Kochiashvili, N. T.** Unusual Flare of EM Cep. Proceedings of JENAM-2000, May 29 - June 3, Moscow, Russia, p. 81, 2000.
21. Karitskaya E.A., Voloshina I.B., Goranskij V.P., Grankin K.N., Djaniashvili E.B., Ezhkova O.V., **Kochiashvili N.T.**, Kumsiashvili M.I., Kusakin A.V., Lyutyi V.M., Mel'nikov S.Yu., Metlova N.V., Results of Black Hole Candidate Cyg X-1

Campaign of Coordinated Observations in 1995-1998. Proceedings of JENAM-2000, May 29 - June 3, Moscow, Russia, p. 78, 2000.

22. **Kochiashvili N.T.**, UBVR photometry of gas-darkened variable systems. EM Cep. Astrophysics, Volume 42, Issue 4, pp.399-403, 1999.
23. **Kochiashvili N**, Pustilnik I. On Anomalous Limb Darkening in Close Binary Systems of Stars, Bull. of the Georgian Academy of Sci., v 158, No 3, 1998.

CONFERENCE PRESENTATIONS

Conference	Presentation, title	Place, date
International Workshop on Wolf-Rayet Stars	New Photometric Observations of P Cygni	Potsdam, Germany, 2015
5th Workshop of the Kepler Asteroseismic Science Consortium: Extending the Kepler Mission: New Horizons in Asteroseismology	The Abastumani Observatory – convenient place for the SONG node	Balatonalmadi, Hungary, 2012
International Conference "Dark Universe" (Conference Grant #05/11)	80 Years of the Abastumani Observatory	E.Kharadze Abastumani Astrophysical Observatory, Abastumani, Georgia, 2012
KASC/WG 9 Workshop on asteroseismology of eclipsing binaries.	a) Possibility to Observe Kepler Targets in the Abastumani Observatory (Georgia); b) Kepler Area Archival Photo-Plates of the Abastumani Astrophysical Observatory	Leuven, Belgium, 2011
Swiss Virtual Observatory Day, VO Tools	On the Georgian Virtual Observatory	Geneva, Switzerland, 2010
Seventh International Conference on Computer Science and Information Technologies	Creation and Development of Georgian Virtual Observatory	Yerevan, Armenia, 2009
Astronomy in Europe: An Evolving Collaboration	Astronomy in Georgia: Past, Present and Future	Leiden, Netherland, 2008
5-th SREAC's Meeting: Latest Progress in Astrophysics	1. Flare Processes in Different Type Stars; 2. Is EM Cep a Binary System or a Short-Period Cepheid?	Athens, Greece, 2007
Visiting Astronomer from Georgia - Lunch Talk	On the Current State of Observational Astronomy in Georgia	Garching, Germany, 2006

GRANTS

Shota Rustaveli National Science Foundation Conference Grant #05/11, Dark Universe Organizer, 2012

ISTC Development of Armenian-Georgian Grid Infrastructure and Applications in the Fields of High Energy Sub-Manager,
Physics, Astrophysics and Quantum Physics 2008-2010

GRDF, GEP1-3333-TB-03 Investigator

CRDF Investigation of Physical Processes and High-Layer Structure in the Massive Binary System RY Sct 2004-2006
