

## Curriculum Vitae

**Dr. Yuri Protsyuk**

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Date & Place of Birth:      May 5, 1965, Krasyliv, Ukraine

Position:                      head of sector

Address:                        Observatorna 1, Mykolaiv, Ukraine, 54 030

### **Academic Degrees and Professional Titles**

- ✓ 2000                      Candidate of Sciences in Physics and Mathematics,  
the Main Astronomical Observatory of NAS of Ukraine;
- ✓ 1989                      M. Sc., astronomer, teacher,  
Kyiv State University named after T. Shevchenko.

### **Professional Experience**

#### **Nikolaev Astronomical Observatory:**

- ✓ present - 2013          head of sector,
- ✓ 2012 - 2003              head of laboratory,
- ✓ 2003 - 2002              head of sector,
- ✓ 2002 - 1992              scientist,
- ✓ 1992 - 1990              junior scientist,
- ✓ 1990 - 1989              trainee researcher.

### **Education**

- ✓ 1989 - 1982              Kyiv State University named after T. Shevchenko,  
Physics and Astronomy Department

### **Membership of Professional Societies**

- ✓ 2002 - present          member of the International Astronomical Union,
- ✓ 2016 - present          member of the European Astronomical Society.

### **Honors and Awards**





- ✓ 2006                      letter of commendation issued by  
the Ministry of Education and Science of Ukraine,
- ✓ 2014                      prize named after E. P. Fedorov awarded by the National Academy of Sciences.

### **Areas of Research (past and present)**

- ✓ automation and reduction of astronomical observations,
- ✓ celestial reference systems and stellar catalogues,
- ✓ open clusters and galaxy kinematics,
- ✓ virtual technologies and astronomical databases.

## Selected Publications

1. Pinigin G., Shulga A., Maigurova N., Protsyuk Yu., Velichko F., et al. Refinement of linking optical, radio reference frames on the base of coordinated observations in observatories of Ukraine, China and Russia // *Kinematics and Physics of Celestial Bodies.Suppl.*– 2000.- № 3.- P.59-63. 2000 
2. Protsyuk Yu.I. The universal software complex for processing of astrometric observations on telescopes with CCD camera // *Baltic Astronomy.*– 2000.- 9, № 4.- P.554-556. 2000 
3. Aslan Z., Maigurova N., Pinigin G., Protsyuk Yu, Shulga A., et al. Refinement of linking optical-radio reference frames on the basis of the international joint project between collaborative observatories // *Journées 2002, "Systemes de Reference Spatio-Temporels"*, Bucharest, Sept.25–28, 2002.– P.27-30.2002 
4. Pinigin G., Protsyuk Yu., Shulga A. Cooperation for Common Use of SEE Astronomical Database as a Regional Virtual Observatory in Different Scientific Projects // *Romanian Astronomical Journal Suppl.*– 2005.- 15.- P.51-56. 2005 
5. Protsyuk Yu., Pinigin G., Shulga A. The Database of the NAO as a Unit of an International Virtual Observatory // *Kinematics and Physics of Celestial Bodies.Suppl.*– 2005.- № 5.- P.580-584. 2005 
6. Protsyuk Yi., Mazhaev A. Astronomical databases of Nikolaev observatory // *Proc.of IAU Symp.№ 248 «A Giant Step: From Milli- to Micro-arcsecond Astrometry»*, Shanghai, China, 15 - 19 Oct.2007.– P.548-551. 2007 
7. Мажаев А.Э., Процюк Ю.И. Астрономические базы данных как фундамент виртуальной обсерватории // *Известия Главной астрономической обсерватории в Пулкове*, 2009, № 219, вып.4, с.185-188 2009 
8. И. Б. Вавилова, Л. К. Пакуляк, Ю.И. Процюк. Украинская виртуальная обсерватория (УкрВО).Цель, структура и задачи // *Космічна наука і технологія*.2010.Т.16.№5. С.62-70 2010 
9. И. Б. Вавилова, Л. К.Пакуляк, Ю.И.Процюк, А. В. Шульга и др. Украинская виртуальная обсерватория (УкрВО). Современное состояние и перспективы развития объединенного архива наблюдений // *Космічна наука і технологія*.2011, Т.17, № 4. С.74–91. 2011 
10. I.B.Vavilova, L.K.Pokuliak, Yu.I.Protsyuk et al. UKRVO joint digitized archive and scientific prospects. // *Baltic Astronomy*, vol.21, p.356-365, 2012 2012 
11. Vavilova, I.B.; Pakulyak, L.K.; Shlyapnikov, A.A.; Protsyuk, Yu.I.etc. Astrometric resource of the Ukrainian virtual observatory: Joint observational data archive, scientific tasks, and software // *Kinematics and Physics of Celestial Bodies*, vol.28, issue 2, p.85-102 2012 
12. Mazhaev A., Protsyuk Yu. Development of Mykolaiv Virtual Observatory. // *Odessa Astronomical Publications*, Volume 26, Issue 2, 2013, p.233-235 2013 
13. I. Vavilova, L. Pakuliak, Y. Protsyuk, A. Shlyapnikov, V. Golovnya, O. Yizhakevych, S. Shatokhina, Kazantseva L., N.Virun, S. Kashuba UkrVO: Astroplates and the Joint Digitized Archive // *Proc. Astroplate 2014*, Prague, 2014, ISBN: 978-80-7080-918-1, p.8-12. 2014 
14. Mazhaev A., Protsyuk Yu. Comparative Analysis of Proper Motions of Stars in Open Clusters by using VO Tools // *Odessa Astronomical Publications*, 2014, vol.27 2014 
15. Protsyuk Yu.I., Andruk V.N., Kazantseva L.V. Software for Processing of Digitized Astronegatives from Archives and Databases of Virtual Observatory // *Odessa Astronomical Publications*, 2014, vol.27 2014 

16. Protsyuk Yu. I., Andruk V. N., Muminov M.M., Yuldoshev Q.X., Ehgamberdiev Sh.A., Eglitis I., Eglite M., Kovylianska O.E., Golovnya V.V., Kazantseva L.V., Kashuba S.G. Method for Evaluating the Astrometric and Photometric Characteristics of Commercial Scanners in their Application for the Scientific Purpose // *Odessa Astronomical Publications*, 2014, vol.27 2014 
17. Protsyuk Yu.I., Kovylianska O.E., Protsyuk S.V., Andruk V.N. Results of Processing of Astronegatives with Commercial Scanner // *Odessa Astronomical Publications*, 2014, vol.27 2014 
18. Vavilova I., Golovnya V., Andruk V., Pakuliak L., Yizhakevych O., Shatokhina S., Protsyuk Yu., Kazantseva L., Lukianchuk V. The Scientific Use of the UkrVO Joint Digital Archive: GRBS fields, Pluto, and Satellites of Outer Planets // *Odessa Astronomical Publications*, 2014, vol.27 2014 
19. Y. Protsyuk, A. Mazhaev, O. Kovylianska. Plate archive of Nikolaev Astronomical Observatory: digitization, databases, image processing and results of current research // *Proc.Astroplate 2014, Prague, 2014, ISBN: 978-80-7080-918-1, p.131-134. 2014* 
20. Yu.I. Protsyuk, M.V. Martynov, A.E. Mazhaev, O.E. Kovylianska, S.V. Protsyuk, and V.N. Andruk Compiling Catalogs of Stellar Coordinates and Proper Motions via Coprocessing of Archival Photographic and Modern CCD Observations // *Kinematics and Physics of Celestial Bodies*, 2014, Vol.30, No.6, p.296–303 2014 
21. Andruk V. N., Golovnya V. V., Ivanov G. O., Yizhakevych O.M., Pakuliak L. K., Protsyuk Yu.I., Shatokhina S.V. Catalogue of star positions and B-magnitudes in 60th declination zone based on UkrVO Joint Digital Archive // *ArXiv*, 2015, p.1-19 2015 
22. Andruk V.M., Relke H., Protsyuk Yu.I., Muminov M.M., Ehgamberdiev Sh.A., Yuldoshev Q.X., Golovnya V.V., Vavilova I.B. Comparison of Zero zone catalogues of the FON program based on the Kyiv and Kitab observations // *Odessa Astronomical Publications*, 2015, vol. 28/2, p. 188-192. 2015 
23. Kazantseva L.V., Andruk V.M, Shatohina S.V., Protsyuk Yu.I., Eglitis I., Eglite M. Research of the long-term behaviour of the Pleiades by using of photographic plates from UkrVO digital archive // *Odessa Astronomical Publications*, 2015, vol. 28/2, p. 198-200. 2015 
24. L.V. Kazantseva, S.V. Shatokhina, Yu.I. Protsyuk, O.E. Kovylianska, V.M. Andruk. Processing results of digitized photographic observations of Pluto from the collections of the Ukrainian Virtual Observatory // *Kinematics and Physics of Celestial Bodies*, 2015, Vol. 31, No. 1, pp. 37–54. 2015 
25. Protsyuk Yu., Andruk V., Mazhaev A., Kovylianska O. , Protsyuk S., Golovnya V. Determination of proper motions of circumpolar stars by using images from UkrVO plate archives // *Odessa Astronomical Publications*, 2015, vol. 28/2, p. 202-204. 2015 
26. Protsyuk Yu., Yizhakevych O., Kovylianska O., Protsyuk S., Andruk V., Kashuba S., Kazantseva L. Data processing of plates containing images of Uranus and Neptune from UkrVO digital archive: structure, quality analysis // *Odessa Astronomical Publications*, 2015, vol. 28/2, p. 204-207. 2015 
27. Andruk V. N., Golovnya V. V., Ivanov G. O., Yizhakevych O.M., Pakuliak L. K., Protsyuk Yu.I., Shatokhina S.V. Catalog of equatorial coordinates and B magnitudes of circumpolar stars of FON program // *Kinematics and Physics of Celestial Bodies*, 2016, Vol. 32, No. 1, pp. 2016 