



Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) **Sonka Adrian Bruno**
Address(es) Nucsoara Street, No. 11, sector 6, Bucharest
Telephone(s) 0122129644 Mobile: 40741072239
E-mail sonka.adrian@gmail.com
Nationality Romanian
Date of birth 30.12.1977
Gender Male

Work experience

Dates	2005-present
Occupation or position held	Coordinator
Main activities and responsibilities	Managing and astronomy public outreach
Name and address of employer	Observatorul Astronomic `Amiral Vasile Urseanu` - Muzeul Municipiului București
Type of business or sector	Museums
Dates	April 2015 - present
Occupation or position held	Researcher III
Main activities and responsibilities	Astronomical observations, data reduction, data research
Type of business or sector	Academic
Name and address of employer	Astronomical Institute of the Romanian Academy
Dates	Oct 2014 – April 2015
Occupation or position held	Assistant Researcher
Main activities and responsibilities	Astronomical observations, data reduction, data research
Type of business or sector	Academic
Name and address of employer	Astronomical Institute of the Romanian Academy
Dates	Iul – oct 2014
Occupation or position held	Assistant Researcher, part time
Main activities and responsibilities	Astronomical observations, data reduction, data research
Name and address of employer	Astronomical Institute of the Romanian Academy
Type of business or sector	Academic
Dates	2009-present
Occupation or position held	Contributing editor
Main activities and responsibilities	Writing a monthly astronomy column
Name and address of employer	Terra Magazin
Type of business or sector	Press
Dates	2010-present
Occupation or position held	Trainer
Main activities and responsibilities	Astronomy lectures for children and adults. Sessions of astronomical observations.
Name and address of employer	Fundatia Calea Victoriei

Type of business or sector
Education and training

Dates 2017 - present
 Principal subjects/occupational skills covered Physics, Planetology, Minor planet photometry

Name and type of organisation providing education and training Faculty of Physics – University of Bucharest

Title of qualification awarded PHD student

Dates 2010-2012

Title of qualification awarded Masters Degree

Principal subjects/occupational skills covered Educational Management and Intitutional Communication

Dates 2000-2003

Title of qualification awarded Graduate engineer

Principal subjects/occupational skills covered Physics

Name and type of organisation providing education and training Bucharest University, Faculty of Physics

Personal skills and competences

Mother tongue(s) Romanian

Other language(s) **English**

Self-assessment
 European level (*)

Englosh

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
C2	C2	C1	C1	C2

(*) [Common European Framework of Reference for Languages](#)

Social skills and competences Good communicating skills gained by numerous nights of public astronomical observations and presentations. Public speaking abilities, exercised on a daily basis and at special events. Capable of presenting notions of astronomy and astrophysicsto public, ability put in practice every week at an introductory astronomy class, held every year (8 months duration) at the Observatory.

Organisational skills and competences Currently responsible for 5 people, coordinating the activity of a public astronomical observatory. Teamwork skills.
 Organizer of an astronomy course for Observatorul Astronomic 'Amiral Vasile Urseanu' on an yearly basis since 2005. Organizing and presenting a special lecture (planetarium session) every saturday since 2009.
 Co-Organizer of a public local cornerstone project during the International Year of Astronomy (2009), called "Galileean Nights, which gained official recognition (Best "Plan B" for those bad weather afflicted events!") from the international organizers.
 Co-Organizer of other public outreach events: Saptamana Astronomiei in Liceul tau (Astronomy week in your high school) on 2009, 100 hours of Astronomy on april 2009.

Technical skills and competences Professional expertise: astronomy public outreach, astronomical NEO observations

Computer skills and competences Very good knowledge of software for image aquisition and processing (essential in astronomical observations). Some knowledge in Mathematica, Python and other scientific environments.

Good html programing skills (I have developed and created the website of the observatory) and also some knowledge of database functions on internet (MySQL). Good command of office applications, image editors (Photoshop and Photoshop like) and vector editors (Corel, Adobe Illustrator).

Additional information

Astronomical spectroscopy (data acquisition and reduction). Experience in operating astronomical equipment (telescopes, ccd cameras) and in astronomical image processing software.
Experience in astronomical data analysis on light curves (variable star brightness plots) and astrometry.
Experience in online astronomy outreach, currently maintaining two web sites (<http://sonkab.wordpress.com> and <http://www.astro-urseau.ro/>).

Annexes - Publication List

Papers

1. Popescu, M.; Vaduvescu, O.; de Leon, J.; Gherase, R. M.; Licandro, J.; Boaca, I. L.; **Sonka, A. B.**; Ashley, R. P.; Mocnik, T.; Morate, D.; Predatu, M.; de Pra, M.; Farina, C.; Stoev, H.; Diaz Alfaro, M.; Ordonez-Etxeberria, I.; Lopez-Martinez, F.; Errmann, R., VizieR Online Data Catalog: INT near-Earth asteroids spectroscopic survey, VizieR On-line Data Catalog: J/A+A/627/A124. Originally published in: 2019A&A...627A.124P, 2019
2. Michael Marsset, Francesca DeMeo, **Adrian Sonka**, Mirel Birlan, David Polishook, Brian Burt, Richard P Binzel, Shelte J Bus, Cristina Thomas, Active asteroid (6478) Gault: a blue Q-type surface below the dust?, accepted for publication in ApJL
3. Popescu, M.; Vaduvescu, O.; de León, J.; Gherase, R. M.; Licandro, J.; Boacă, I. L.; **Sonka, A. B.**; Ashley, R. P.; Močnik, T.; Morate, D.; Predatu, M.; De Prá, M.; Fariña, C.; Stoev, H.; Díaz Alfaro, M.; Ordonez-Etxeberria, I.; López-Martínez, F.; Errmann, R., Near-Earth asteroids spectroscopic survey at Isaac Newton Telescope, *Astronomy & Astrophysics*, Volume 627, id.A124, 21 pp, 2019
4. **A.B. SONKA**, M. BIRLAN, S. ANGHEL, F. VACHIER, J. BERTHIER, A. KLOTZ, P. THIERRY, A. PEYROT, J.-P. TENG, et al. (155140) 2005 UD lightcurve and rotational period from simultaneous observations, accepted for publication on Romanian Astronomical Journal, 2019
5. M. BIRLAN, **A. SONKA**, D. A. NEDELCU, M. BALAN, S. ANGHEL, C. PANDELE, M. TRUSCULESCU, C. DRAGASANU, V. PLESCA, C. H. GANDESCU, C. BANICA, T. GEORGESCU, Telescope calibration for mobile platforms: first results, accepted for publication on Romanian Astronomical Journal, 2019
6. Andreea Ioana Gornea, **Adrian Bruno Sonka**, Mirel Birlan, Simon Anghel, Photometric Observations of Near-Earth Asteroid 2018 GE3, *Minor Planet Bulletin*, 45, pp. 315-316, 2018
7. **Adrian Bruno Sonka**, Andreea Ioana Gornea, Mirel Birlan, Photometric Monitoring of PHA (3122) Florence, *Romanian Astronomical Journal*, Vol. 28, 2, pp. 79-86, 2018
8. Mirel BIRLAN, Vasile PLESCA, Costin Hedwig GANDESCU, Dan Alin NEDELCU, Mugurel BALAN, Cosmin BANICA, Constantin PANDELE, **Adrian SONKA**, Tudor GEORGESCU Observational asset for Near-Earth Objects, artificial satellites, and space debris: an assessment of concept, *Romanian Astronomical Journal*, Vol. 28, 2, pp. 66-67, 2018
9. Dumitru, B.A., Birlan, M., **Sonka, A.**, Colas, F. and Nedelcu, D.A., 2018. Photometry of asteroids (5141),(43032),(85953),(259221), and (363599) observed at Pic du Midi Observatory. *Astronomische Nachrichten*, 339(2-3), pp.198-203.
10. Nedelcu, D.A., Birlan, M., Turcu, V., Boaca, I., Badescu, O., Gornea, A., **Sonka, A.B.**, Blagoi, O., Danescu, C. and Paraschiv, P., 2018. Meteorites Orbits Reconstruction by Optical Imaging (MORO) Network. *Romanian Astronomical Journal*, 28, pp.57-65.
11. Vaduvescu, O., Hudin, L., Mocnik, T., Char, F., **Sonka, A.**, Tudor, V., Ordonez-Etxeberria, I., Alfaro, M.D., Ashley, R., Errmann, R. and Short, P., 2018. 280 one-opposition near-Earth asteroids recovered by the EURONEAR with the Isaac Newton Telescope. *Astronomy & Astrophysics*, 609, p.A105.
12. Saquet, E., Emelyanov, N., Robert, V., Arlot, J.E., Anbazhagan, P., Baillié, K., Bardecker, J., Berezhnoy, A.A., Bretton, M., Campos, F. and Capannoli, L., 2017. The PHEMU15 catalogue and astrometric results of the Jupiter's Galilean satellite mutual occultation and eclipse observations made in 2014–2015. *Monthly Notices of the Royal Astronomical Society*, 474(4), pp.4730-4739.
13. Vaduvescu, O., Hudin, L., Mocnik, T., Char, F., **Sonka, A.**, Tudor, V., Ordonez-Etxeberria, I., Diaz Alfaro, M., Ashley, R., Errmann, R. and Short, P., 2017. VizieR Online Data Catalog: 280 one-opposition near Earth asteroids (Vaduvescu+, 2018). VizieR Online Data Catalog, 360.
14. Vaduvescu, O., Macias, A.A., Tudor, V., Predatu, M., Galád, A., Gajdoš, Š., Világi, J., Stevance, H.F., Errmann, R., Unda-Sanzana, E. and Char, F., 2017. The EURONEAR Lightcurve Survey of Near Earth Asteroids. *Earth, Moon, and Planets*, 120(2), pp.41-100.
15. **Sonka, A.B.**, Popescu, M., Nedelcu, D.A., Gherase, R.M. and Vass, G., 2017. Photometric Observations of the Near-Earth Asteroids (326683) 2002 WP and 2016 LX48. *Minor Planet Bulletin*, 44, pp.176-177.
16. Vaduvescu, O., Conovici, M., Popescu, M., **Sonka, A.**, Paraschiv, A., Lacatus, D., Tudorica, A., Hudin, L., Curelaru, L., Inceu, V. and Zavoianu, D., 2017. Data mining of near-Earth asteroids in the Subaru Suprime-Cam archive. *Astronomische Nachrichten*, 338(5), pp.527-535.
17. **Sonka, A.B.**, Gornea, A.I., Anghel, S. and Birlan, M., 2017. Photometric observations of Near Earth Asteroid 2012 TC4. *Romanian Astronomical Journal*, 27(3), pp.223-231.
18. Gherase, R.M., Popescu, M., **Sonka, A.B.** and Paraschiv, P., 2017. AIRA T40–FIRST LIGHT. *Romanian Astronomical Journal*, 27(2), pp.91-98.

19. Dumitrache, C., Dumitru, L., Blagoi, O., Danescu, C., Stere, O. and **Sonka, A.**, 2017. THE AR12644 EVOLUTION–OBSERVATIONS AND SIMULATIONS. *Romanian Astronomical Journal*, 27(2), pp.141-158.
20. Pricopi, D., Dascalu, M., Badescu, O., Nedelcu, D., Popescu, M., **Sonka, A.** and Suran, M., 2016. Orbit reconstruction for the meteoroid of the meteorite-producing fireball that exploded over Romania on January 7, 2015. *Proc. Rom. Acad., Ser. A: Math., Phys., Tech. Sci., Inf. Sci.*, 17, pp.133-136.
21. Dumitrache, C., Dumitru, L., **Sonka, A.B.**, Stere, O. and Danescu, C.A., 2016. Bucharest Solar Station at sixty years. *Romanian Astronomical Journal*, 26(2), pp.157-168.
22. Birlan, Mirel, **Adrian Sonka**, Radu Cornea, Cristian Danescu, Radu Gherase, Lucian Hudin, Marcel Popescu et al. "Romania observed from Romania: an educational program for observing asteroid (7698) Romania during its opposition in 2015." *Romanian Astronomical Journal* 26, no. 2 (2016): 169-178.
23. **Sonka, Adrian Bruno**; Popescu, Marcel; Nedelcu, Dan Alin; Photometric Observations of Main-belt Asteroids 656 Beagle and 2649 Oongaq, *The MinorPlanet Bulletin* (ISSN 1052-8091). *Bulletin of the Minor Planets Section of the Association of Lunar and Planetary Observers*, Vol. 43, No. 1, pp. 1-2(2016)
24. Birlan, Mirel; Nedelcu, Dan Alin; **Sonka, Adrian**; Popescu, Marcel; Dumitru, Bogdan, Observations for Secure and Recovery Near-Earth Asteroids, *Romanian Astronomical Journal*, Vol. 26, No. 1, p.25
25. Birlan, M.; Popescu, M.; Nedelcu, D. A.; Turcu, V.; Pop, A.; Dumitru, B.; Stevance, F.; Vaduvescu, O.; Moldovan, D.; Rocher, P.; **Sonka, A.**; Mircea, L., Characterization of (357439) 2004 BL86 on its close approach to Earth in 2015, *Astronomy & Astrophysics*, Volume 581, id.A3, 7 pp.
26. Mioc, V.; **Sonka, A.**; Badescu, O.; Nedelcu, A.; Popescu, N.; Pricopi, D.; Paraschiv, P.; Ciobanu, M.; Ionescu, D., *Anuarul astronomic 2015*, Copyright Editura Academiei Romane, 2015, Editors: Petre Popescu, Adrian Sonka, Alin Nedelcu, Octavian Badescu. Reviewer: Prof. Univ. Dr. Ieronim Mihaila, ISSN 0256-5277. 219 pp. In *Romanian*
27. **Sonka, Adrian Bruno**; Popescu, Marcel; Nedelcu, Dan Alin, *The Minor Planet Bulletin* (ISSN 1052-8091). *Bulletin of the Minor Planets Section of the Association of Lunar and Planetary Observers*, Vol. 41, No. 4, pp. 285-286 (2014)
28. Vaduvescu O., Birlan M., Tudorica A., Popescu M., Colas F., Asher D. J., **Sonka A.**, Suci O., Lacatus D., Paraschiv A., Badescu T., Tercu O., Dumitriu A., Chirila A., Stecklum B., Licandro J., Nedelcu A., Turcu E., Vachier F., Beauvalet L., Taris F., Bouquillon L., Pozo Nunez F., Colque Saavedra J. P., Unda-Sanzana E., Karami M., Khosroshahi H. G., Toma R., Ledo H., Tyndall A., Patrick L., Föhring D., Muelheims D., Enzian G., Klaes D., Lenz D., Mahlberg P., Ordenes Y., Sendlinger K., 739 observed NEAs and new 2–4 m survey statistics within the EURONEAR network, *Planetary and Space Science* 85 (2013), pp. 299-311;
29. Vaduvescu, O.; Popescu, M.; Comsa, I.; Paraschiv, A.; Lacatus, D.; **Sonka, A.**; Tudorica, A.; Birlan, M.; Suci, O.; Char, F.; Constantinescu, M.; Badescu, T.; Badea, M.; Vidican, D.; Opriseanu, C., Mining the ESO WFI and INT WFC archives for known Near Earth Asteroids. *Mega-Preccovery software*, *Astronomische Nachrichten*, Vol.334, Issue 7 (2013), p.718-728
30. Vaduvescu, O.; Birlan, M.; Tudorica, A.; **Sonka, A.**; Pozo, F. N.; Barr, A. D.; Asher, D. J.; Licandro, J.; Ortiz, J. L.; Unda-Sanzana, E.; Constantinescu, M., EURONEAR—Recovery, follow-up and discovery of NEAs and MBAs using large field 1-2 m telescopes, *Planetary and Space Science*, Volume 59, Issue 13 (2011), p. 1632-1646
31. Popescu, Marcel; Birlan, Mirel; Gherase, Radu Mihai; Sonka, Adrian Bruno; Naiman, Marian; Cristescu, Constantin P., Applications of Visible and Infrared Spectroscopy to Astronomy, *UNIVERSITY POLITEHNICA OF BUCHAREST SCIENTIFIC BULLETIN-SERIES A-APPLIED MATHEMATICS AND PHYSICS*, No. 3, p. 107-120
32. Birlan, M.; Vaduvescu, O.; Tudorica, A.; **Sonka, A.**; Nedelcu, A.; Galad, A.; Colas, F.; Pozo N., F.; Barr D., A.; Toma, R.; Comsa, I.; Rocher, P.; Lainey, V.; Vidican, D.; Asher, D.; Opriseanu, C.; Vancea, C.; Colque, J. P.; Soto, C. P.; Rekola, R.; Unda-Sanzana, E., More than 160 near Earth asteroids observed in the EURONEAR network, *Astronomy and Astrophysics*, Volume 511, id.A40 (2010), 14 pp.
33. Birlan, M.; Vaduvescu, O.; Tudorica, A.; **Sonka, A.**; Nedelcu, A.; Galad, A.; Colas, F.; Pozo, F.; Barr, D. A.; Toma, R.; Comsa, I.; Rocher, P.; Lainey, V.; Vidican, D.; Asher, D.; Opriseanu, C.; Vancea, C.; Colque, J. P.; Rekola, R.; Unda-Sanzana, E., Near Earth Asteroids positions, *VizieR On-line Data Catalog: J/A+A/511/A40*. Originally published in: 2010A&A...511A..40B
34. Tudorica, Alex; Toma, R.; **Sonka, A. B.**; Nedelcu, A. D.; Birlan, M.; Vaduvescu, O.; EURONEAR Team, EURONEAR- The First 100 NEA's Observed, *American Astronomical Society, DPS meeting #40, #27.09*; *Bulletin of the American Astronomical Society*, Vol. 41 (2008), p.557
35. Vaduvescu, O.; Birlan, M.; Colas, F.; **Sonka, A.**; Nedelcu, A., EURONEAR: First results, *Planetary and Space Science*, Volume 56, Issue 14, p. 1913-1918.
36. **Sonka, Bruno A.**; Vaduvescu, O.; Birlan, M.; Nedelcu, A.; Colas, F., New Astrometry for Neos in the Frame of Euronear, *American Astronomical Society, DPS meeting #39, #51.07*; *Bulletin of the American Astronomical Society*, Vol. 39 (2007), p.515
37. Colas, Francois; Birlan, M.; Vaduvescu, O.; Nedelcu, A.; **Sonka, A.**, EURONEAR - First Results at Pic du Midi, *American Astronomical Society, DPS meeting #38, #58.05*; *Bulletin of the American Astronomical Society*, Vol. 38 (2006), p.592

Communications

1. The MICROSAT-R event, A. Sonka, 8th IAA Conference on Space Systems as Critical Infrastructure, June 27-28, 2019, Mamaia, Romania
2. Physical Parameters of Near Earth Asteroids, **A. Sonka**, M. Birlan, A. Gornea, I. Boian, Atmosphere and Earth Science; Environment Protection, Bucharest University Faculty of Physics 2019 Meeting
3. Stellar occultation by (38628) Huya, E. Petrescu, **A. Sonka**, Atomic and Molecular Physics. Astrophysics. Applications, Bucharest University Faculty of Physics 2019 Meeting
4. **Adrian SONKA**, Mirel BIRLAN, Andreea GORNEA, Ioana BOIAN, Photometry of selected NEA sample in Bucharest, RECENT DEVELOPMENTS IN ASTRONOMY, ASTROPHYSICS, SPACE AND PLANETARY SCIENCES, International Conference, 27-29 May 2019, Cluj-Napoca

5. M. BIRLAN, **A. ȘONKA**, D. A. NEDELCU, M. BALAN, S. ANGHEL, C. PANDELE, M. TRUȘCULESCU, C. DRAGAȘANU, V. PLESCA, C. H. GANDESCU, C. BANICA, T. GEORGESCU, Optical asset on mobile platform, RECENT DÉVELOPMENTS IN ASTRONOMY, ASTROPHYSICS, SPACE AND PLANETARY SCIENCES, International Conference, 27-29 May 2019, Cluj-Napoca
6. Photometry of 2005 UD from Bucharest and Le Makes Observatories, **A. ȘONKA**, M. BIRLAN, S. ANGHEL, F. VACHIER, J. BERTHIER, A. KLOTZ, P. THIERRY, A. PEYROT, J.-P. TENG, International Symposium on Dust & Parent Bodies 2019 (IDP2019), Japan
7. Monitoring the Great Red Spot, the largest anti-cyclone in our Solar System, Elisabeta PETRESCU, **Adrian ȘONKA**, Mirel BÎRLAN; Bucharest University Faculty of Physics 2018 Meeting
8. Photometric observations of five asteroids at Pic du Midi, B. A. DUMITRU, M. BIRLAN, **A. ȘONKA**, F. COLAS, D. A. NEDELCU; Bucharest University Faculty of Physics 2018 Meeting
9. The case of 2012 TC4, **Adrian ȘONKA**, Mirel BÎRLAN, Andreea Ioana GORNEA, Simon ANGHEL; Bucharest University Faculty of Physics 2018 Meeting
10. Near-Earth Objects, M. Birlan, **A. Șonka**, A. Gornea, S. Anghel, A. Nedelcu, F. Colas, P. Vernazza, B. Dumitru, prezentată de dr. Mirel Birlan la Didymos Observer Workshop 2018, Praga.
11. Recent results from T04, **Adrian Șonka**, Andreea Gornea, Outlook in Astronomy, Astrophysics, Space and Planetary Sciences”, organizată de Institutul Astronomic al Academiei Române, Universitatea Babeș-Bolyai și Agenția Spațială Română în perioada 17-19 mai 2018
12. Solar SID station - Romania 2, **Adrian Șonka**, Connections in Astronomy, Astrophysics, Space and Planetary Sciences – International Conference, May 29-30 2017, Cluj-Napoca, Romania
13. Minor planet photometry from AIRA, **Adrian Șonka**, Alin Nedelcu, Marcel Popescu, Connections in Astronomy, Astrophysics, Space and Planetary Sciences – International Conference, May 29-30 2017, Cluj-Napoca, Romania
14. Vaduvescu, O., Popescu, M., Conovici, M., Birlan, M., Grigore, V., Tudorica, A., Badescu, T., **Sonka, A.**, Lacatus, D., Paraschiv, A., Curelaru, L., Ursache, F., Vidican, D., Dascalu, M., Opriseanu, C., 2012 - Data Mining the Suprime Cam Archive for Near Earth Asteroids, ACM 2012 Conference, Japan);
15. Vaduvescu, O., Birlan, M., Tudorica, A., Popescu, M., Nedelcu, A., **Sonka, A.**, Licandro, J., Pravec, P., Galad, A., Cellino, A., De Leon, J., and the EURONEAR Team., 2011 - European Near Earth Asteroid Research (EURONEAR) - Status and Projects, 2011 IAA Planetary Defense Conference, Bucharest, Romania;
16. Tudorica, A., Birlan, M., Vaduvescu, O., Toma, R., **Sonka, A.**, Nedelcu, A., & the EURONEAR Team, 2008 - EURONEAR - The First 100 Observed NEAs, AAS DPS Meeting, Oct 10-15, Ithaca (jpg file);
17. **Sonka, A.**, Vaduvescu, O., Birlan, M., Nedelcu, A., & Colas, F. 2007 - New Astrometry for NEOs in the Frame of EURONEAR, AAS DPS Meeting 39, 51.07, Oct 7-12, Orlando (pdf file);
18. Colas, F., Birlan, M., Vaduvescu, O., Nedelcu, A., & **Sonka, A.**, 2006 - EURONEAR - Observing at Pic du Midi, MEOTUS Workshop, 15-17 Nov, Paris (pdf file);
19. Colas, F., Birlan, M., Vaduvescu, O., Nedelcu, A., & **Sonka, A.**, 2006 - EURONEAR - First Results at Pic du Midi, AAS DPS Meeting 38, 58.05, Oct 8-13, Pasadena (pdf file);
20. Vaduvescu, O., Birlan, M., Colas, F., **Sonka, A.**, & Nedelcu, A., 2006 - EURONEAR - An European Near Earth Asteroid Research Project, XXVI-th GA IAU, Aug 14-25, Prague (jpg file);

073 MPC Electronic Circulars

2019

Sonka, A. - MPEC 2019-M62, MPEC 2019-M02, MPEC 2019-L88, MPEC 2019-L87, MPEC 2019-J142, MPEC 2019-H61, MPEC 2019-G150, MPEC 2019-F66, MPEC 2019-E79

2018

Sonka, A. - MPEC 2018-W47, MPEC 2018-W44, MPEC 2018-W41, MPEC 2018-R86, MPEC 2018-M99, MPEC 2018-M02, MPEC 2018-M01, MPEC 2018-H103, MPEC 2018-H71, MPEC 2018-H63, MPEC 2018-H02, MPEC 2018-A12.

2017

Sonka, A. - MPEC,2017-Y99,MPEC,2017-Y78,MPEC,2017-Y52,MPEC,2017-X105
MPEC,2017-X102MPEC,2017-V14,MPEC,2017-U302MPEC,2017-U155MPEC,2017-U153MPEC,2017-U31,MPEC,2017-T49,MPEC,2017-T15,MPEC 2017-T13,MPEC 2017-S01,MPEC 2017-R58,MPEC 2017-R57,MPEC 2017-R50,MPEC 2017-M43,MPEC 2017-L45,MPEC 2017-E56,MPEC 2017-E52,MPEC 2017-E43.

2016

Sonka, A. - MPEC 2016-X72,MPEC 2016-X54,MPEC 2016-X44, MPEC 2016-X41, MPEC 2016-T48,MPEC 2016-S4, MPEC 2016-O278, MPEC 2016-N91,MPEC 2016-H53, MPEC 2016-H36.

2015

Sonka, A. – MPEC 2015-V11,MPEC 2015-U64,MPEC 2015-U63,MPEC 2015-S97,MPEC 2015-S94,MPEC 2015-R173, MPEC2015-Q76, MPEC 2015-Q74,MPEC 2015-Q69,MPEC 2015-Q60,MPEC 2015-O62,MPEC 2015-O49,MPEC 2015-O47,MPEC 2015-O46,MPEC 2015-N38,MPEC 2015-N26,MPEC 2015-M60, MPEC 2015-M55,MPEC 2015-L29, MPEC 2015-C17, MPEC 2015-C08.

2014

Sonka, A. - MPEC 2014-Y46, MPEC 2014-Y37, MPEC 2014-Y27, MPEC 2014-W146, MPEC 2014-S34, MPEC 2014-R48, MPEC 2014-Q73, MPEC 2014-Q63, MPEC 2014-Q34, MPEC 2014-Q22, MPEC 2014-Q17, MPEC 2014-O70, MPEC 2014-L53

Database of asteroidal observations:

NEODys database :

Bucharest MPC 073: 774 positions of 92 minor planets (until aug 2019).

Urseanu Observatory MPC A92: 540 positions (until sept 2014),