

Príloha č. 3

3.1. Vedecký výstup – práce

3. Knižné odborné publikácie vydané doma

1. PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. 272 str. ISBN 80–85221–51–9.

7. Kapitoly v knižných odborných publikáciách vydaných doma

2. HRIC, L. Premenné hviezdy. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 169–183.
3. PITTICH, E. Čas, obloha od januára do decembra. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 3–89.
4. PITTICH, E. Pohyb planét po oblohe, Elongácie a jasnosti, Mesiac krátko po nove. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 90–103.
5. PITTICH, E. Kométy. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 106–127.
6. PITTICH, E. Galileiho mesiace. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 146–159.
7. PITICH, E. Kométy roka 2005. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 222–268.
8. PORUBČAN, V. Meteorické roje. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 104–105.
9. SVOREŇ, J. Planétky – Štruktúra Edgeworth–Kuiperovho pásu a primordiálny vývoj Slnčnej sústavy. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 128–145.
10. ZBORIL, M. O škvrnách na hviezdach vôbec. In PITTICH, E.M. *Astronomická ročenka 2007*. Hurbanovo: Slovenská ústredná hviezdáreň, 2006. ISBN 80–85221–51–9. p. 211–218.

9. Vedecké práce v časopisoch evidovaných

a/ v Current Contents

11. ATAÇ, T. – ÖZGÜÇ, A. – RYBÁK, J. Periodicities in irradiance and in other solar activity indices during cycle 23. In *Solar Physics*. Vol. 237 (2006), p. 433–444. (1,892 – IF 2005)
12. BADALYAN, O.G. – OBRIDKO, V.N. – SÝKORA, J. Cyclic variations in the differential rotation of the solar corona. In *Astronomy Reports*. Vol. 50 (2006), no.4, p.312–324. (0,837 – IF 2005)
 - BADALYAN, O.G. – OBRIDKO, V.N. – SÝKORA, J. Cikličeskíe variácii diferencialnogo vraščenia solnečnoj korony. In *Astronomičeskij žurnal*. Vol. 83 (2006), no. 4, p. 352–367.
13. DOBROTKA, A. – FRIEDJUNG, M. – RETTER, A. – HRIC, L. – NOVÁK, R. Possible orbital period of the nova V1493 Aquilae (Research note). In *Astronomy and Astrophysics*. Vol. 448 (2006), p. 1107–1110. (4,223 – IF 2005)
14. DRUCKMÜLLER, M. – RUŠIN, V. – MINAROVJECH, M. A new numerical method of total solar eclipse photography processing. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), no. 3, p. 131–148.
15. FRIEDJUNG, M. – DOBROTKA, A. – RETTER, A. – HRIC, L. – NOVÁK, R. Deductions from the indication of eclipses of nova V 1493 Aql. In *Astrophysics and Space Sciences*. Vol. 304 (2006), p. 317–319.
16. GÖMÖRY, P. – RYBÁK, J. – KUČERA, A. – CURDT, W. – WÖHL, H. SOHO/CDS observations of waves above the network. In *Astronomy and Astrophysics*. Vol. 448 (2006), p. 1169–1175. (4,223 – IF 2005)
17. HAJDUKOVÁ, M. Jr. – HAJDUK, A. Mass distribution of interstellar and interplanetary particles. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 15–25.
18. HORVATH, H. – KASAHARA, M. – TOHNO, S. – KOCIFAJ, M. Angular scattering of the Gobi desert aerosol and its influence on radiative forcing. In *Journal of Aerosol Science* 37 (2006), p. 1287–1302. (2,477 – IF 2005)
19. HRIC, L. – GÁLIS, R. – NIARCHOS, P. – DOBROTKA, A. – ŠIMON, V. – ŠMELCER, L. – VELIČ, Z. – HÁJEK, P. – GAZEAS, K. – SOBOTKA, P. – KOSS, K. Photometric study of the symbiotic binary YY Her. The eclipsing model. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), no. 2, p. 26–46.
20. HRIC, L. – GÁLIS, R. – NIARCHOS, P. – GAZEAS, K. Symbiotic binary YY Her – eclipses, flares and outbursts. In *Astrophysics and Space Sciences*. Vol. 304 (2006), p. 307–309.

21. CHOCHOL, D. – ERRICO, L. – MAGRI, M. – PRIBULLA, T. – VITTONI, A. A. On the nature of V1647 Ori. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), no. 3, p. 149–157.
22. CHOCHOL, D. – PRIBULLA, T. – VAŇKO, M. – MAYER, P. – WOLF, M. – NIARCHOS, P. G. – GAZEAS, K. D. – MANIMANIS, V. N. – BRÁT, L. – ZEJDA, M. Light–time effect in the eclipsing binaries GO Cyg, GW Cep, AR Aur and V505 Sgr. In *Astrophysics and Space Science*. Vol. 304 (2006), p. 93–96. (0,495 – IF 2005)
23. ILIEV, I. Kh. – BUDAJ, J. – FEŇOVČÍK, M. – STATEVA, I. – RICHARDS, M. T. Abundance analysis of Am binaries and search for tidally driven abundance anomalies– II. HD 861, HD 18778, HD 20320, HD 29479, HD 96528 and HD 108651. In *Monthly Notices of the Royal Astronomical Society*. Vol. 370 (2006), p. 819–827. (5,352 – IF 2005)
24. KAŇUCHOVÁ, Z. – SVOREŇ, J. Geminids – the list of photographic orbits. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p.181–193.
25. KELLEY, M.S. – WOODWARD, C.E. – HARKER, D.E. – WOODEN, D.H. – GEHRZ, R.D. – CAMPINS, H. – HANNER, M.S. – LEDERER, S.M. – OSIP, D.J. – PITTICHOVÁ, J. – POLOMSKI, E. A Spitzer study of comets 2/P Encke, 67P/Churyumov–Gerasimenko, and C/2001 HT50 (LINEAR–NEAT). In *The Astrophysical Journal*, Vol. 651 (2006), p. 1256–1271. (6,308 – IF 2005)
26. KLAČKA, J. – KOCIFAJ, M. Effect of radiation on dust particles in orbital resonances. In *Journal of Quantitative Spectroscopy and Radiative Transfer*, Vol. 100 (2006), p. 187–198. (1,685 – IF 2005)
27. KLAČKA, J. – KOCIFAJ, M. – KUNDRACÍK, F. Perihelion motion of small irregular dust particles due to radiation forces. In *Planetary and Space Science*, Vol. 54 (2006), p. 379–393. (1,408 – IF 2005)
28. KOCIFAJ, M. – HORVATH, H. – HRVOL, J. Optical properties of urban aerosols in the region Bratislava–Vienna. II. Comparisons and results. In *Atmospheric Environment*, Vol. 40 (2006), p. 1935–1948. (2,724 – IF 2005)
29. KOCIFAJ, M. – HORVATH, H. – JOVANOVIĆ, O. – GANGL, M. Optical properties of urban aerosols in the region Bratislava–Vienna. I. Methods and tests. In *Atmospheric Environment*, Vol. 40 (2006), p. 1922–1934. (2,724 – IF 2005)
30. KOCIFAJ, M. – KLAČKA, J. – HORVATH, H. Temperature influenced dynamics of small dust particles. In *Monthly Notices of the Royal Astronomical Society*, Vol. 370 (2006), p. 1876–1884. (5,352 – IF 2005)
31. KOZA, J. – KUČERA, A. – RYBÁK, J. – WÖHL, H. Photospheric modeling through spectral line inversion: Temperature and radial velocity stratifications and fluctuations. In *Astronomy and Astrophysics*. Vol. 458 (2006), p. 941–951. (4,223 – IF 2005)
32. MAYER, P. – WOLF, M. – NIARCHOS, P.G. – GAZEAS, K. D. – MANIMANIS, V.N. – CHOCHOL, D. Investigation of times of minima of selected early–type eclipsing

- binaries. In *Astrophysics and Space Science*. Vol. 304 (2006), no. 304, p. 39–41. (0,495 – IF 2005)
33. NESLUŠAN, L. An orbital inhomogeneity of new comets and the fading problem. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 5–14.
 34. NESLUŠAN, L. Astrometry of minor planets made at the Skalnaté Pleso Observatory in the year 2004. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 59–64.
 35. NESLUŠAN, L. – PAULECH, T. The study of a gravitational influence of a nearly passing star on the primordial Kuiper belt. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 158–170.
 36. ODERT, P. – HANSLMEIER, A. – RYBÁK, J. – KUČERA, A. – WÖHL, H. Influence of the 5–min oscillations on solar photospheric layers. I. Quiet region. In *Astronomy and Astrophysics*. Vol. 444 (2005), p. 257–264. (4,223 – IF 2005)
 37. PASACHOFF, J.M. – KIMMEL, S. B. – DRUCKMÜLLER, M. – RUŠIN, V. – SANIGA, M. The April 8, 2005, eclipse white–light corona. In *Solar Physics*. Vol. 238 (2006), no. 2, p. 261–270. (1,892 – IF 2005)
 38. PORUBČAN, V. – KORNOŠ, L. – WILLIAMS, I.P. Taurid complex meteor showers and asteroids. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), no. 2, p. 103–117.
 39. PORUBČAN, V. – ZIGO, P. – PUPILLO, G. – CEVOLANI, G. – BORTOLOTTI, G. – FRANCESCHI, C. – TRIVELLONE, G. The Lyrid meteor stream: activity and mass distribution. In *Il Nuovo Cimento*. Vol. 29C (2006), p. 601–606. (0,312 – IF 2005)
 40. PRIBULLA, T. – RUCINSKI, S.M. Contact binaries with additional components. I. The extant data. In *Astronomical Journal*. Vol. 131 (2006), p. 2986–3307. (5,377 – IF 2005)
 41. PRIBULLA, T. – RUCINSKI, S. M. – LU, W. – MOCHNACKI, S.W. – CONIDIS, G. – BLAKE, R.M. – DEBOND, H. – THOMSON, J.R. – PYCH, V. – OGLOZA, W. – SIWAK, M. Radial velocity studies of close binary stars. XI. In *Astronomical Journal*. Vol. 132 (2006), p. 769–780. (5,377 – IF 2005)
 42. PUPILLO, G. – PORUBČAN, V. – PECINA, P. – PECINOVÁ, D. – CEVOLANI, G. – BORTOLOTTI, G. – FRANCESCHI, C. – TRIVELLONE, G. – ZIGO, P. The daytime Taurid complex meteor streams: activity and mass distribution. In *Il Nuovo Cimento*. Vol. 28C (2005), p. 941–946. (0,312 – IF 2005)
 43. SANIGA, M. – PLANAT, M. Hjelslev geometry of mutually unbiased bases. In *Journal of physics A: mathematical and general*. Vol. 39 (2006), p. 435–440. (1,566 – IF 2005)
 44. SANIGA, M. – PLANAT, M. Finite geometries in quantum theory: from Galois (fields) to Hjelslev (rings). In *International Journal of Modern Physics B*. Vol. 20 (2006), no. 11–13, p. 1885–1892. (0,381 – IF2005)

45. SKOPAL, A. Broad H- α wings from the optically thin stellar wind of the hot components in symbiotic binaries. In *Astronomy and Astrophysics*. Vol. 457 (2006), p. 1003–1010. (4,223 – IF 2005)
46. SKOPAL, A. – VITTONI, A.A. – ERRICO, L. – OTSUKA, M. – TAMURA, S. – WOLF, M. – ELKIN, V.G. Structure of the hot object in the symbiotic prototype Z Andromedae during its 2000–03 active phase. In *Astronomy and Astrophysics*. Vol. 453 (2006), p. 279–293. (4,223 – IF 2005)
47. SOLOVAYA, N.A. – PITTICH, E.M. A particular case of orbital evolution of a planet in binary stellar system. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 93–102.
48. SVOREŇ, J. The history of cometary astrometry at the Skalnaté Pleso Observatory. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), p. 119–124.
49. SVOREŇ, J. – KAŇUCHOVÁ, Z. – JAKUBÍK, M. Filaments within the Perseid meteoroid stream and their coincidence with the location of mean-motion resonances. In *Icarus*. Vol. 183 (2006), p. 115–121. (3,244 – IF 2005)
50. SVOREŇ, J. – NESLUŠAN, L. – KAŇUCHOVÁ, Z. – PORUBČAN, V. A fine structure of the Perseid meteoroid stream. In *Earth, Moon and Planets*. Vol. 95 (2005), p. 69–74. (0,975 – IF 2005)
51. TEMMER, M. – RYBÁK, J. – BENDÍK, P. – VERONIG, A. – VOGLER, F. – OTRUBA, W. – PÖTZI, W. – HANSLMEIER, A. Hemispheric sunspot numbers R_n and R_s from 1945–2004: catalogue and N–S asymmetry analysis for solar cycles 18–23. In *Astronomy and Astrophysics*. Vol. 447 (2006), p.735–743. (4,223 – IF 2005)
52. VAŇKO, M. – TREMKO, J. – PRIBULLA, T. – CHOCHOL, D. – PARIMUCHA, Š. – KREINER, J. M. Distributions of geometrical and physical parameters of contact binaries. In *Astrophysics and Space Science*. Vol. 304 (2006), p.135–137. (0,495 – IF 2005)
53. ZBORIL, M. – DJURAŠEVIČ, G. Activity-induced variability in SV Cam, RZ Tau and II Peg in winter 2004/2005. In *Contributions of the Astronomical Observatory Skalnaté Pleso*. Vol. 36 (2006), no. 2, p. 77–84.

Poznámka: *Práce publikované v Contributions of the Astronomical Observatory Skalnaté Pleso nemajú uvádzaný Impact Factor. Ide o časopis vydávaný menej ako štyrikrát ročne a preto indexovaný v Current Contents / Physical, Chemical & Earth Sciences / Current Book Contents, pre ktoré sa IF neuvádzajú.*

b/ v NASA ADS

(Astrophysics Data Service – http://adsabs.harvard.edu/abstract_service.html)

54. BADALYAN, O.G. – SÝKORA, J. Two modes of rotation in the solar corona. In *Advances in Space Research*. Vol. 38 (2006), 906–911. (0,706 – IF 2005)

55. BOUZID, M.Y. – PRIBULLA, T. – STERKEN, C. Physical parameters of the binary V1034 Sco. In *Memoires della Societa Astronomica Italiana*. – Vol. 77 (2006). p. 103–104.
56. HANSLMEIER, A – KUČERA, A. – RYBÁK, J. – WÖHL, H. Acoustic flux and turbulence in the solar photosphere. In *Central European Astrophysical Bulletin*. Vol. 30 (2006), no. 1, p.11–20.
57. PRAY, D.P. – GALÁD, A. – GAJDOŠ, Š. – KORNOS, L. – VILÁGI, J. – HUSÁRIK, M. – KUŠNIRÁK, P. Lightcurve analysis of asteroids 2139 Makaradze and 5580 Sharidake. In *Minor Planet Bulletin*. Vol. 33 (2006), no. 1, p. 26.
58. PRAY, D.P. – GALÁD, A. – GAJDOŠ, Š. – VILÁGI, J. – COONEY, W. – GROSS, J. – TERREL, D. – HIGGINS, D. – HUSÁRIK, M. – KUŠNIRÁK, P. Lightcurve analysis of asteroids 53, 698, 1016, 1523, 1950, 4608, 5080, 6170, 7760, 8213, 11271, 14257, 15350 and 17509. In *Minor Planet Bulletin*. Vol. 33 (2006), no. 4, p. 92–95.
59. STORINI, M. – HOFER, M.Y. – SÝKORA, J. Towards the understanding of coronal hole occurrence during the Schwabe cycle. In *Advances in Space Research*. Vol. 38 (2006), 912–920. (0,706 – IF 2005)
60. TEMMER, M. – RYBÁK, J. – BENDÍK, P. – VERONIG, A. – VOGLER, F. – PÖTZI, A. – OTRUBA, W. – HANSLMEIER, A. Hemispheric sunspot numbers 1945–2004: data merging from two observatories In *Central European Astrophysical Bulletin*. Vol. 30 (2006), no. 1, p. 65–73.
61. TEMMER, M. – VERONIG, A. – RYBÁK, J. – BRAJŠA, R. – HANSLMEIER, A. Periodical patterns in major flare occurrence and their relation to magnetically complex active regions. In *Advances in Space Research*. Vol. 38 (2006), p. 886–890. (0,706 – IF 2005)
62. WARNER, B.D. – PRAVEC, P. – KUŠNIRÁK, P. – KAŇUCHOVÁ, Z. – HUSÁRIK, M. – HIGGINS, D. The lightcurve for the Hungaria asteroid 4232 Aparicio. In *Minor Planet Bulletin*. Vol. 33 (2006), no. 1, p. 24–25.
63. WARNER, B.D. – SHEPARD, M.K. – HARRIS, A.W. – PRAVEC, P. – CRAWFORD, G. – HUSÁRIK, M. Analysis of the lightcurve of 71 Niobe. In *Minor Planet Bulletin*. Vol. 33 (2006), no. 4, p. 102–103.

10. Vedecké práce v ostatných časopisoch

64. FUNAKI, M. – KAPIŠINSKÝ, I. – TÚNYI, I. – ORLICKÝ, O. Magnetic hysteresis characteristics of the meteorites Allende, Canyon Diablo, El Hammami, Ghubara, Gold Basin, Nantan and Sichote Alin. In *Contributions to geophysics and geodesy: a journal of geophysics, geodesy, meteorology and climatology*. Vol. 35 (2005), no. 4, p.401–408.
65. HAJDUKOVÁ, M. Jr. Ročná a denná variácia hyperbolických meteorov. In *Meteorické správy*. Vol. 27 (2006), p. 19–24.

66. JAKUBÍK, M. – NESLUŠAN, L. – LETO, G. – PAULECH, T. Modelovanie vplyvu hviezd na Oortov oblak. In *Meteorické správy*. Vol. 27 (2006), p. 34–40.
67. KAŇUCHOVÁ, Z. O materskom telese Geminíd. In *Meteorické správy*. Vol. 27 (2006), p. 9–18.
68. KAPIŠINSKÝ, I. – IVAN, J. – PÁNEK, Z. – ZEMÁNKOVÁ, M. Reanalysis of the cosmic dust L 2011 S2 and L 2009 I14 NASA samples. In *Contributions to geophysics and geodesy: a journal of geophysics, geodesy, meteorology and climatology*. Vol. 36 (2006), no. 1, p. 63–71.
69. KORNOŠ, L. – PORUBČAN, V. Dráhový vývoj Lyríd. In *Meteorické správy*. Vol. 27 (2006), p. 49–54.
70. NESLUŠAN, L. Fading efekt, tok nových komét zónou viditeľnosti a početnosť Oortovho oblaku. In *Meteorické správy*. Vol. 27 (2006), p. 25–33.
71. NESLUŠAN, L. – KAŇUCHOVÁ, Z. Kométa 96P/Machholz ako materské teleso meteorického roja Kvadrantíd. In *Meteorické správy*. Vol. 27 (2006), p. 1–8.
72. PORUBČAN, V. – ZIGO, P. Letné roje meteorického komplexu Tauríd. In *Meteorické správy*. Vol. 27 (2006), p. 41–48.
73. SVOREŇ, J. – HUSÁRIK, M. Populácia asteroidov v slnečnej sústave z hľadiska možných zrážok so Zemou. In *Pokroky matematiky, fyziky a astronomie*. Vol. 51 (2006), no. 2, p. 99–111.
74. TIRPÁK, M. Hľadanie zdroja komét Jupiterovej rodiny. In *Meteorické správy*. Vol. 27 (2006), p. 55–64.
75. VEREŠ, P., TÓTH, J., PAULECH, T. Asteroid 25143 Itokawa a jeho balvany. In *Meteorické správy*. Vol. 27 (2006), p. 91–98.
76. ZBORIL, M. – DJURASEVIC, G. Progress report on the monitoring of active late type stars in 2005/2006 and the analysis of V523 Cas. In *Serbian Astronomical Journal*. Vol. 173 (2006), p. 89–94.

11. Vedecké práce v zborníkoch (konferenčných aj nekonferenčných, vydaných tlačou alebo na CD)

a/ recenzovaných

77. PITTICH, E.M. – SOLOVAYA, N.A. On SOHO comets and high inclination asteroids. In *The many scales of the Universe*. Eds. J.C. del Toro Iniesta, E.J. Alfaro, J.G. Gorgas, E. Salvator–Solé, and H. Butcher. Springer, 2006, CD-ROM JENAM/session4/4Cpittich, ISBN 10–4020–4351–1, p. 1–9.
78. POLOSUKHINA, N. – SHAVRINA, A. – DRAKE, N.A. – HACK, M. – NORTH, P. – QUINET, P. – ZVERKO, J. – PAVLENKO, Y.A. – TSYMBAL, V. – KHALACK, V.

– VELES, A. – WOOD, P. – DE LA REZA, R. – SHAKHOVSKOY, D. The enigma of lithium in roAp-CP stars. Some observational results obtained with different telescopes. In HILL, V., FRANÇOIS, P., PRIMAS, F. *From Lithium to Uranium: Elemental Tracers of Early Cosmic Evolution, IAU Symposium Proceedings of the International Astronomical Union 228*, Cambridge: Cambridge University Press, 2005, p.109-110.

79. SOLOVAYA, N.A. – PITTICH, E.M. Dynamics of planets in binary systems. In *The many scales of the Universe*. Eds. J.C. del Toro Iniesta, E.J. Alfaro, J.G. Gorgas, E. Salvator-Solé, and H. Butcher. Springer, 2006, CD-ROM JENAM/session4/4Csolovaya, ISBN 10-4020-4351-1, p. 1-15.

b/ nerecenzovaných

80. ATAÇ, T. – ÖZGÜÇ, A. – RYBÁK, J. Intermediate-Term Periodicities in Some Solar Activity Indices During Cycle 2. In DANESY, D., POEDTS, S., DE GROOF, A., ANDRIES, J. *Proceedings of the 11th European Solar Physics Meeting – The dynamic Sun: Challenges for Theory and Observations, Leuven, Belgium, 11–16 September, 2005*. Noordwijk: ESA Publications Division, 2005. ISBN 92-9092-911-1.
81. BADALYAN, O.G. – OBRIDKO, V.N. – SÝKORA, J. Temporal variations of the solar rotation. In DANESY, D., POEDTS, S., DE GROOF, A., ANDRIES, J. *Proceedings of the 11th European Solar Physics Meeting – The dynamic Sun: Challenges for Theory and Observations, Leuven, Belgium, 11–16 September, 2005*. Noordwijk: ESA Publications Division, 2005. ISBN 92-9092-911-1.
82. BADALYAN, O.G. – OBRIDKO, V.N. – SÝKORA, J. Quasi-biennial oscillations in the n-s asymmetry of solar activity. In DANESY, D., POEDTS, S., DE GROOF, A., ANDRIES, J. *Proceedings of the 11th European Solar Physics Meeting – The dynamic Sun: Challenges for Theory and Observations, Leuven, Belgium, 11–16 September, 2005*. Noordwijk: ESA Publications Division, 2005. ISBN 92-9092-911-1.
83. GÖMÖRY, P. – RYBÁK, J. – KUČERA, A. – WÖHL, H. Analysis of dynamics of loops in an active region associated with a small c-class flare. In INNES, D. E., LAGG, A., SOLANKI, S. K., DANESY, D. *Proceedings of the International Scientific Conference on Chromospheric and Coronal Magnetic Fields, Katlenburg-Lindau, Germany, 30 August – 2 September 2005*. Noordwijk: ESA Publications Division, 2005. ISBN 92-9092-907-3.
84. CHRASTINA, M. – SZÁSZ, G. – PETRÍK, K. – HRIC, L. Updated ephemeris, (O-C) diagrams and light fluctuations of the supersoft X-ray source QR And. In BRÁT, Luboš. *Sborník z 37. konference o výzkumu proměnných hvězd, Brno, The Czech Republic, 25–27 November 2005*. Sekce pozorovatelů proměnných hvězd České astronomické společnosti, 2005. p. 78–79.
85. KUČERA, A. – WÖHL, H. – RYBÁK, J. – GÖMÖRY, P. – VERONIG, A.. Multiwave-length high resolution observations of a M5.4 flare ground and space. In LACOSTE, H. *Proceedings of SOHO-17 10 ‘Years of SOHO and Beyond’, Giardini Naxos, Sicily, Italy, 7 – 12 May 2006*. Noordwijk: ESA Publication Divisions, 2006. ISBN 92-9092-928-6.

86. MÉSZÁROSOVÁ, H. – RYBÁK, J. – ZLOBEC, P. – MAGDALENIĆ, J. – KARLICKÝ, M. – JIRIČKA, K. Statistical Analysis of Pulsations and Pulsations with Fibers in the range 800–2000 MHZ . In DANESY, D., POEDTS, S., DE GROOF, A., ANDRIES, J. *Proceedings of the 11th European Solar Physics Meeting – The dynamic Sun: Challenges for Theory and Observations, Leuven, Belgium, 11–16 September, 2005.* Noordwijk: ESA Publications Division, 2005. ISBN 92–9092–911–1.
87. SZÁSZ, G. – CHRASTINA, M. – PETRÍK, K. – HRIC, L. Photometry of the supersoft X–ray source V Sagittae during its large outburst in 2004. In BRÁT, Luboš. *Sborník z 37. konference o výzkumu proměnných hvězd, Brno, The Czech Republic, 25–27 November 2005.* Sekce pozorovatelů proměnných hvězd České astronomické společnosti, 2005. p. 80–81.
88. TEMMER, M. – RYBÁK, J. – VERONIG, A. – BENDÍK, P. – VOGLER, F. – PÖTZI, W. – HANSLMEIER, A. Hemispheric sunspot numbers R_n and R_s from 1945–2004: Extended and improved catalogue. In DANESY, D., POEDTS, S., DE GROOF, A., ANDRIES, J. *Proceedings of the 11th European Solar Physics Meeting – The dynamic Sun: Challenges for Theory and Observations, Leuven, Belgium, 11–16 September, 2005.* Noordwijk: ESA Publications Division, 2005. ISBN 92–9092–911–1.
89. TOMASZ, F. – RÉGNIER, S. – SCHWARTZ, P. – RYBÁK, J. – KUČERA, A. – HEINZEL, P. – CURDT, W. – WÖHL, H.. Study of a small–scale eruptive event observed by SOHO/SUMMER . In LACOSTE, H. *Proceedings of SOHO–17 10 ‘Years of SOHO and Beyond’ Giardini Naxos, Sicily, Italy, 7 – 12 May 2006.* Noordwijk: ESA Publication Divisions, 2006. ISBN 92–9092–928–6.

13. Recenzie vedeckých prác vo vedeckých časopisoch

90 – 95. SOLOVAYA, N.A. 6 vyžiadaných a publikovaných review 14 publikovaných prác pre *Zentralblatt MATH*.

16. Vydávané periodiká evidované v Current Contents

96. Contribution of the Astronomical Observatory Skalnaté Pleso, zväzok 36, *Astronomický ústav SAV*, eds. J. SVOREŇ a R. KOMŽÍK, 3 čísla v r. 2006.

20. Vedecké práce uvedené na internete

a/ v cudzom jazyku

97. COONEY, W. – GROSS, J. – TERRELL, D. – PRAVEC, P. – KUŠNIRÁK, P. – PRAY, D. – KRUGLY, Y. – KORNOŠ, L. – VILÁGI, J. – GAJDOŠ, S. – GALÁD, A. – REDDY, V. – DYVIG, R. – NUDDS, S. – KAŇUCHOVÁ, Z. – PIKLER, M. – HUSÁRIK, M. – GREEN, D.W.E. Photometric observations of binary system (1717) Arlon. In *Central Bureau Electronic Telegrams*, No. 504, (2006).

98. PLANAT, M. – SANIGA, M. – KIBLER, M.R. Quantum entanglement and projective ring geometry. In *Symmetry, Integrability and Geometry: Methods and Applications* – ISSN 1815–0659. – Vol. 2 (2006), paper 066, p. 1-14.
<http://www.emis.de/journals/SIGMA/2006/Paper066/>
99. PRAY, D. – PRAVEC, P. – PIKLER, M. – HUSÁRIK, M. – STEPHENS, R. – MASI, G. – DURKEE, R. – GONCALVES, R. – GREEN, D.W.E. Photometric observations of binary system (2754) Efimov. In *Central Bureau Electronic Telegrams*, No. 617, (2006).
100. SKOPAL, A. – PRIBULLA, T. The first detection of the bipolar jets from the symbiotic prototype Z And. In *The Astronomer's Telegram* No. 882, 14 Sep 2006.
[\(http://www.astronomerstelegam.org/\)](http://www.astronomerstelegam.org/)
101. SKOPAL, A. – WOLF, M. Continuous presence of bipolar jets from Z And during its 2006 outbursts. In *The Astronomer's Telegram* (<http://www.astronomerstelegam.org/>) No. 930, 3 Nov 2006.