

Príloha č. 7

7.1. Referáty na vedeckých podujatiach s min. 30% zahraničnou účasťou

1. ANDRONOV, I.L. - ANTONIUK, K.A. - ANTONIUK, O.A. - BAKLANOV, A.V. - CHINAROVA, L.L. - EFIMOV, YU.S. - GAZEAS, K. - HRIC, L. - KOLESNIKOV, S.V. - NIARCHOS, P.G. - OSTROVA, N.I. - PATKOS, L. - PETRÍK, K. - PAVLENKO, E.P. - SHAKHOVSKOY, N.M. - TREMKO, J. - YUSHCHENKO, - ZOLA, S.: Positive vs negative superhumps in dwarf novae and nova-like binary systems. *JENAM 2003*, Budapest, Maďarsko, 24-31.8.2003.
2. BADALYAN, O.G. - OBRIDKO, V.N. - RYBÁK, J. - SÝKORA, J.: N-S symmetry of solar activity and quasi-biennial oscillations. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
3. BUCCHERI, R., - SANIGA, M.: Intersubjectivity and its Relevance for a Deeper Understanding of Nature, *Enactive Consciousness: Perception, Intersubjectivity and Empathy*, Oxford, Veľká Británie, 27-29.6.2003..
4. DOBROTKA, A. - HRIC, L. - PETRÍK, K.: Štúdium flickeringovej aktivity jednej rekurentnej novy T CrB. *Konferencia o úspechoch stelárnej astronómie*, Bezovec, 30.5.-1.6.2003.
5. DOBROTKA, A. - HRIC, L. - PETRÍK, K.: Long-term flickering in T CrB *JENAM 2003*, Budapest, Maďarsko, 24.-31.8.2003
6. DOBROTKA, A. - HRIC, L. - PETRÍK, K.: The new view on the long-term flickering in T CrB. *IAU Coll. No. 194 - Compact Binaries in the Galaxy and Beyond*, La Paz, Mexico, 17.-22.11.2003
7. DOBROTKA, A. - RETTER, A. - HRIC, L. - NOVÁK, R. - SHEMMER, O. - LIPKIN, Y.: V 1493 Aql an extremely distant nova. *IAU Coll. No. 194 - Compact Binaries in the Galaxy and Beyond*. La Paz, Mexico, 17. – 22. 11. 2003.
8. DOROTOVIČ, I. - RYBÁK, J.: Green Corona versus Photospheric Magnetic Flux: Solar Cycle Dependence. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
9. GÁLIS, R. - HRIC, L.: Fotometrický výskum aktivity zákrytovej dvojhviezdy UV Leo Bezovec 2003. *Konferencia o úspechoch stelárnej astronómie*, Bezovec, 30.5.-1.6.2003.
10. GÁLIS, R. - HRIC, L. - NIARCHOS, P.: Activity in eclipsing binary UV Leo. *JENAM 2003*, Budapest, Maďarsko, 24.-31.8.2003.

11. GÁLIS, R. - HRIC, L. - PETRÍK, K.: Long-term photometric and spectroscopic behaviour of the symbiotic system AG Dra. *IAU Coll. No. 194 - Compact Binaries in the Galaxy and Beyond*, La Paz, Mexico, 17.-22.11.2003.
12. GÁLIS, R. - HRIC, L. - PETRÍK, K.: Long-term photometric and spectroscopic behaviour of symbiotic system AG Dra. *JENAM 2003*, Budapest, Maďarsko, 24.-31.8.2003.
13. GÖMÖRY, P. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: Variability of the quiet solar atmosphere - SOHO/CDS. *Network. Radiative Transfer and Numerical Magneto-hydrodynamics Summer School*, Oslo, Nórsko, 2.-13.6.2003.
14. GÖMÖRY, P. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: Anlysis of the spectral line Doppler shifts obtained with SOHO/CDS *Solar Magnetic Phenomena, Summer School*, Kanzelhöhe, Rakúsko, 25.8.-5.9.2003.
15. GÖMÖRY, P. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: On mutual relations between the outer atmospheric layers in network: SOHO/CDS and TRACE Study. *SOHO 13: Waves, Oscillations and Small Scale Transient Events in the Solar Atmosphere*, Palma de Mallorca, Španielsko, 29.9.-3.10.2003.
16. HRIC, L. - GÁLIS, R.: Photometric investigation of near-contact binary FR Ori. *JENAM 2003*, Budapest, Maďarsko, 24.-31.8.2003.
17. HRIC, L. - GÁLIS, R. - DOBROTKA, A.: Od minulosti až po budúcnosť výskumu CVs. *Konferencia o úspechoch stelárnej astronómie*, Bezovec, 30.5.-1.6.2003.
18. HRIC, L. - GÁLIS, R. - DOBROTKA, A.: The active quarter of century in research of cataclysmic variables – foreword. *JENAM 2003*, Budapest, Maďarsko, 24.-31.8.2003.
19. HRIC, L. - GÁLIS, R. - DOBROTKA, A.: New clues on the model of YY Her after 2 observational seasons. *IAU Coll. No. 194 - Compact Binaries in the Galaxy and Beyond*. La Paz, Mexico, 17.-22.11.2003.
20. CHOCHOL D. - PRIBULLA T. - VITTONI A.A.: Multifrequency study of the very slow nova V723 Cas. *Frascati workshop Multifrequency behaviour of high energy cosmic sources*, Vulcano, Taliansko, 26.-30.5.2003.
21. CHOCHOL D. - PRIBULLA T. - VITTONI A.A.: Short-period active binaries – retrospect and prospects. *Frascati workshop Multifrequency behaviour of high energy cosmic sources*, Vulcano, Taliansko, 26.-30.5.2003.
22. CHOCHOL D. - PRIBULLA T. - PARIMUCHA Š. - VAŇKO M.: Long-term photometry of very slow novae. *Stellar photometry: Past, Present and Future*. Vilnius, Litva, 17.-20.9.2003.
23. KLAČKA, J., KOCIFAJ, M.: Temporary capture of dust grains in exterior resonances with Neptune. *EGS-AGU-EUG Joint Assembly*, Nice, Francúzsko, 6.-11.4.2003.

24. KLAČKA, J., KOCIFAJ, M.: Solar radiation and shift of perihelion for meteoroid. *Electromagnetic and Light Scattering by Nonspherical Particles: Theory, Measurements, and Applications*, Bremen, Německo, 8.-12.9.2003.
25. KOCIFAJ, M., KOHÚT, I., PŠANECKÝ, R.: Intersatellite optical communication: An effect of aerosol layer. *Telecommunications and signal processing*, Brno, 4.-5.9.2003.
26. KOCIFAJ, M., KLAČKA, J.: Dynamical interaction of interstellar dust particles with solar radiation. *Electromagnetic and Light Scattering by Nonspherical Particles: Theory, Measurements, and Applications*, Bremen, Německo, 8.-12.9.2003.
27. KOCIFAJ, M., KLAČKA, J.: Solar radiation and dissipation of interstellar dust stream. *EGS-AGU-EUG Joint Assembly*, Nice, Francúzsko, 6.-11.4.2003.
28. KOCIFAJ, M., PŠANECKÝ, R.: Multiple scattering of electromagnetic waves by atmospheric aerosols. *Rádioelektronika*, Brno, 6.-7.5.2003.
29. KOCIFAJ, M., PŠANECKÝ, R.: Intersatellite optical communication: An effect of ozone layer. *Transcom*, Žilina, 23.-25.6.2003.
30. KOZA, J. - BELLOT RUBIO, L.R. - KUČERA, A. - HANSLMEIER, A. - RYBÁK, J. - WOHL.: Temporal Evolution of Physical Parameters in Granule and Intergranule. Variability of the quiet solar atmosphere - SOHO/CDS. *Network. Radiative Transfer and Numerical Magnetohydrodynamics Summer School*, Oslo, Nórsko, 2.-13.6.2003.
31. KUČERA, A.: Slovak Contribution to the Design and Development of the ATST. *European participation in the ATST Project*, Madrid, Španielsko, 24.11.2003.
32. KUČERA, A.: Kinematics of a sunspots – self rotations and oscillations. *Solar Magnetic Phenomena, Summer School*, Kanzelhöhe, Rakúsko, 25.8.- 5.9.2003.
33. KUČERA, A. - KOZA, J. - BELLOT RUBIO, L.R. – HANSLMEIER, A. – RYBÁK, J. – WÖHL, H.: Line-of-sight Velocity in a Semi-empirical Model of an Intergranular Space. *1st Central European Solar Physics Meeting*, Bairisch Kölldorf, Rakúsko, 23.-25.10.2003.
34. LUKÁČ, B. - MINAROVJECH, M. - RYBANSKÝ, M.” An attempt to determine the colour of the selected coronal streams during the eclipse of June 21, 2001. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
35. MIKULÁŠEK, Z. - ZVERKO, J. - ROMANYUK, I.I. – ŽIŽŇOVSKÝ, J. - ELKIN, V.G. - KUDRYAVTSEV, D.O.: Spectroscopic study of Am SB2 eclipsing binary HR 6611. *International meeting and workshop Magnetic stars*. Nizhnyj Archyz, Rusko, 27.-31.8.2003.

36. MINAROVJECH, M. - RYBANSKÝ, M. - RUŠIN, V. Method to determine the solar cycle length from the 530.3 nm green line corona. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
37. MOCÁK, M. - RYBÁK, J. On Evolution of the Photospheric Magnetic Fields on the Sun: Separation of Active/Dissipative/Background Fields by Optimum Thresholds. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
38. ODERT, P. - HANSLMEIER, A. - KUČERA, A. - RYBÁK, J. - WOHL, H. One-dimensional spectroscopy of the solar atmosphere. *First Central European Solar Physics Meeting*, Bairisch Kollndorf, Rakúsko, 23.-25.10.2003.
39. ÖZGUC, A. - ATAC, T. - RYBÁK, J. Short-term Periodicities in the Flare Index Between the Years 1966-2001. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
40. PLANAT, M. - SANIGA, M. - ROSU, H.: Time Perception, Cyclic Groups and Quantum Computation. *Quantum Mind 2003: Consciousness, Quantum Physics and the Brain*, Tucson USA, 15.-19.3.2003.
41. PINTÉR, T. - KLOCOK, Ľ. - MINAROVJECH, M. - RYBANSKÝ, M. The total brightness of the solar corona during the eclipse June 21st 2001. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
42. PINTÉR, T. - KLOCOK, Ľ. - RYBANSKÝ, M. The seasonal variations of the cardiovascular mortality in Slovakia (1981-2000). *2nd International Conference on Applications of Natural, Technological- and Economical Sciences, Berzsényi Daniel College, Szombathely, Hungary*, 10.5.2003.
43. PINTÉR, T. - MINAROVJECH, M. - RYBANSKÝ, M.: Some relative interesting relations among the solar activity indices. *Applications of Natural, Technological- and Economical Sciences*. Szombathely, Hungary, 10.5.2003.
44. PRIBULLA, T. New light and radial-velocity curves fitting software based on the Roche geometry. *Spectroscopically and Spatially Resolving the Components of Close Binary Stars*. Dubrovnik, Chorvátsko, 20.-24.10.2003.
45. PRIBULLA, T. - CHOCHOL, D. High-precision photometry with a new 50cm telescope at Stará Lesná. *Stellar photometry: Past, Present and Future*, Vilnius, Litva, 17.-20.9.2003.
46. RUŠIN, V. The nearest star – Sun. *9th Slovenian Science Festival*, Ljubljana, Slovinsko, 14.-16.10.2003.
47. RUŠIN, V.: Present state of the Universe. *9th Slovenian Science Festival*, Ljubljana, Slovinsko, 14.-16.10.2003.

48. RUŠIN, V. – DRUCKMULLER, M. The Messina December 4, 2002 Coronal Structures. *Totality Day*, Milton Keynes, Anglicko, 8.2.2003.
49. RUŠIN, V. - MINAROVJECH, M. - RYBANSKÝ, M. - CLIVER, E. W. Reexamination of the coronal index of solar activity before the year 1965. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
50. RYBÁK, J.- BENDÍK, P. -TEMMER, M. - VERONIG, A. - HANSLEMEIER. A. On merging of two data sets of the relative sunspots numbers. *First Central European Solar Physics Meeting*, Bairisch Kollndorf, Rakúsko, 23.-25.10.2003.
51. RYBÁK, J. - KARLOVSKÝ, V.: Mutual Relations of the Intermediate Periodicities of the Wolf Sunspot Number. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
52. RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: On Relations among the Calibrated Parameters of the Transition Region Spectral Line. *SOHO 13 workshop : Waves, oscillations and small scale transient events in the solar atmosphere: A joint view of SOHO and TRACE*. Palma de Mallorca, Španielsko, 29.9.-3.10.2003.
53. SANIGA, M.: The Psychopathology of Time and its Algebraic Geometrical Patterns. *Russian Interdisciplinary Temporology Seminar*, Moskva, Rusko, 9.12.2003.
54. SANIGA, M. - BUCCHERI, R.: The Psychopathological Fabric of Time: Its Phenomenology and Geometry. *Philosophy, Phenomenology and Psychiatry*, Göteborg, Švédsko, 15-16.11.2003.
55. SANIGA, M. - BUCCHERI, R.: Psychopathology of Time Geometrized and Objectified. *Towards a Science of Consciousness: Between Phenomenology and Neuroscience, Praha*, 6.-10.7.2003.
56. SANIGA, M.: Psychological Time: Its Pathology and Geometry. *Le Temps Multiple*, Paríž, Francúzsko, 30.4.2003.
57. SKOPAL, A.: Correction of the UBV photometry for emission lines. *Stellar Photometry: Past, Present and Future*, Vilnius, Litva, 17-20.9.2003.
58. SKOPAL, A.: Reconstruction of the SED in the UV/optical/IR continuum of symbiotic binaries. *Spectroscopically and Spatially Resolving the Components of Close Binary Stars*, Dubrovnik, Chorvátsko, 20.-24.10.2003.
59. SKOPAL, A. - VANĀKO, M. – PRIBULLA, T. – CHOCHOL, D.: Recent UBVR photometry of symbiotic stars. *Stellar Photometry: Past, Present and Future*, Vilnius, Litva, 17-20.9.2003.
60. STORINI, M. - MASSETTI, M. - KUDELA, K. - RYBÁK, J.: On the Shape of Cosmic Ray Modulation during Even- and Odd-numbered Solar Activity Cycles. *28th International Cosmic Ray Conference*, Tsukuba, Japonsko, 31.7.-7.8.2003.

61. TEMMER, M. - VERONIG, A. - HANSLEMEIER, A. - RYBÁK, J. - BRAJSA, R.: Importance of magnetically complex active regions on solar flare occurrence. *First Central European Solar Physics Meeting*, Bairisch Kollndorf, Rakúsko, 23.-25.10.2003.
62. TEMMER, M. - VERONIG, A. - RYBÁK, J. - HANSLEMEIER, A.: On rotational patterns of the solar magnetic field. *ISCS Symposium "Solar Variability as an Input to the Earth's Environment"*, Tatranská Lomnica, 23-28.6.2003.
63. TOMASZ, F. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: An internetwork phenomenon in the transition region - SUMER blinker. *Radiative Transfer and Numerical Magneto-hydrodynamics Summer School*, Oslo, Nórsko, 2.-13.6.2003.
64. TOMASZ, F. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: Transient event observed in detail with SUMER/SOHO spectrometer. *Solar Magnetic Phenomena, Summer School*, Kanzelhöhe, Rakúsko, 25.8.-5.9.2003.
65. TOMASZ, F. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: SUMER/SOHO and TRACE study of a transition region blinker. *SOHO 13 conference: Waves, Oscillations and Small Scale Transient Events in the Solar Atmosphere*, Palma de Mallorca, Španielsko, 29.9.-3.10.2003.
66. VAŇKO, M. - PRIBULLA, T. - PARIMUCHA.,S.: Photoelectric and CCD monitoring of short-period contact binaries. *JENAM 2003*, Budapest, Maďarsko, 25.-30.8.2003.
67. WOHL, H. - BRAJSA, R. - KUČERA, A. - RUZDJAK, V. - RYBÁK, J.: Proper motions of sunspots - new data and further results. *First Central European Solar Physics Meeting*, Bairisch Kollndorf, Rakúsko, 23.-25.10.2003.
68. ZVERKO, J. Spectroscopic variability of CP stars. *International meeting and workshop Magnetic stars*, Nizhnyj Archyz, Rusko, 27.-31.8.2003.
69. ŽIŽŇOVSKÝ, J. Photometric variability of CP stars. *International meeting and workshop Magnetic stars*, Nizhnyj Archyz, Rusko, 27.-31.8.2003.
70. ŽIŽŇOVSKÝ, J. Problém určenia chemického zloženia CP hviezdy HR 1094. *Konferencia o úspechoch stelárnej astronómie*, Bezovec, 30.5.-1.6.2003.

7.2. Ostatné prednášky a vývesky

71. GÖMÖRY, P. - RYBÁK, J. - KUČERA, A. - CURDT, W. - WOHL, H.: On mutual relations among the outer atmospheric layers in solar network *Institut d'Astrophysique Spatiale*, Orsay, Francúzsko, 19.11.2003.
72. RUŠIN, V.: Eclipse observations of the solar corona. *Williams, USA*, 4.4.2003.

73. SANIGA, M. Time as an Intrinsic Dimension of Mind: Its Phenomenology and Geometry. *Centrum pro teoretická studia*, Praha, 13.11.2003.

74. SANIGA, M. Cremonian Spacetimes: A Concept for Getting a Further Insight into the Psychopathology of Time and Space?, *Institute for the Frontier Areas of Psychology and Psychohygiene*, Freiburg, Nemecko, 15.4.2003.

75. PŠANECKÝ, R., KOCIFAJ, M.: Optický smerový spoj. *COFAX*, Bratislava, 23.-24.4.2003.

76. KOCIFAJ, M., PŠANECKÝ, R., KOHÚT, I.: Scalar multiple scattering model for remote sensing applications. *Trends in Communications*, Bratislava, 26.-28.10.2003.