

## **Электронные издания**

1. Berngardt O.I., Ruohoniemi J.M., Nishitani N., Shepherd M., Bristow W., Miller E.S. Attenuation of decameter sky noise during x-ray solar flares in 2013-2017 based on the observations at midlatitude radars: electronic resource // arXiv.org. - 2017. - Ct. 1709.01259v1. - <https://arxiv.org/pdf/1709.01259.pdf>.
2. Berngardt O.I., Fedorov R.R., The first results of monitoring observations of a meteor echo at ISTP SB RAS EKB radar: algorithms, validation, statistics // arXiv.org. 2017. Ct. 1710.07414v1. - <https://arxiv.org/pdf/1710.07414.pdf>.
3. Chernigovskaya M.A., Shpynev B.G., Ratovsky K.G., Belinskaya A.Yu., Stepanov A.E., Bychkov V.V., Grigorieva S.A., Panchenko V.A., Korenkova N.A., Mielich J. Ionospheric Response to Winter Stratosphere/Lower Mesosphere Jet Stream in the Northern Hemisphere as Derived from Vertical Radio Sounding Data // Journal of Atmospheric and Solar-Terrestrial Physics. 2017. doi:10.1016/j.jastp.2017.08.033.
4. Chernov G.P., Fomichev V.V., Sych R.A. Comparison of alternative zebra - structure models in solar radio emission // arXiv.org. 2017. Ct. 1704.02528.  
- <https://arxiv.org/ftp/arxiv/papers/1704/1704.02528.pdf>.
5. Deres A., Anfinogentov S. Probing the sunspot atmosphere with three - minute oscillations // arXiv.org. 2017. Ct. 1710.11552v1. - <https://arxiv.org/pdf/1710.11552.pdf>.
6. Fleishman G.D., Anfinogentov S., Loukitcheva M., Mysh'yakov I.I., Stupishin A. Casting the coronal magnetic field reconstruction tools in 3D using MHD Bifrost model // arXiv.org. 2017. Ct. 1703.06360v1. - <https://arxiv.org/pdf/1703.06360.pdf>.
7. Guo Y., Pariat E., Valori G., Anfinogentov S., Chen F., Georgoulis M.K., Liu Y., Moraitis K., Thalmann J.K., Yang S. Magnetic Helicity Estimations in Models and Observations of the Solar Magnetic Field. Part III: Twist number method // arXiv.org. 2017. Ct. 1704.02096. - <https://arxiv.org/pdf/1704.02096.pdf>.
8. Katsova M.M., Kitchatinov L.L., Livshits M.A., Moss D., Sokoloff D.D., Usoskin I.G. Can superflares occur on the Sun? A view from dynamo theory // arXiv.org. 2017. Ct. 1710.00015v1. - <https://arxiv.org/pdf/1710.00015.pdf>.
9. Khorunzhev G.A., Burenin R.A., Sazonov S.Yu., Amvrosov A.L., Eselevich M.V. Optical spectroscopy of candidates for quasars at 3z5.5 from the XMM - neutron X-ray survey. A distant X-ray quasar at z // arXiv.org. 2017. Ct. 1701.08820v1. - <https://arxiv.org/pdf/1701.08820.pdf>.
10. Kitchatinov L.L. Double Hall instability - a catalyzer of magnetic energy release // arXiv.org. 2017. Ct. 1705.10077. - <https://arxiv.org/pdf/1705.10077.pdf>.
11. Kitchatinov L.L., Nepomnyashchikh A.A. How supercritical are stellar dynamos, or why do old main - sequence dwarfs not obey gyrochronology? // arXiv.org. 2017. Ct. 1706.02814. - <https://arxiv.org/pdf/1706.02814.pdf>.

12. Lavygin I.A., Lebedev V.P., Grkovich K., Berngardt O.I. Analysis of the fine structure of HF ground backscatter and ionospheric scatter signals based on EKB radar data // arXiv.org. 2017. Ct. 1711.08134v1. - <https://arxiv.org/pdf/1711.08134.pdf>.
13. Lesovoi S.V., Altyntsev A.T., Kochanov A.A., Grechnev V.V., Gubin A.V., Zhdanov D.A., Uralov A.M. Siberian Radioheliograph: first results // arXiv.org. 2017. Ct. 1704.07100. - <https://arxiv.org/ftp/arxiv/papers/1704/1704.07100.pdf>.
14. Lesovoi S.V., Kobets V.S. Correlation plots of the Siberian Radioheliograph // arXiv.org. 2017. Ct. 1705.10043. - <https://arxiv.org/pdf/1705.10043.pdf>.
15. Medvedeva I., Ratovsky K. Effects of the 2016 February minor sudden stratospheric warming on the MLT and ionosphere over Eastern Siberia // Journal of Atmospheric and Solar-Terrestrial Physics. 2017. <http://dx.doi.org/10.1016/j.jastp.2017.09.007>
16. Meshcheryakov A., Tsygankov S.S., Khamitov I., Shakura N., Bikmaev I., Eselevich M.V., Vlasyuk V. Evolution of broad - band SED during outburst rise in NS X-ray Nova Aql X-1 // arXiv.org. 2017. Ct. 1703.09159. - <https://arxiv.org/pdf/1703.09159.pdf>.
17. Perminov V.I., Semenov A.I., Pertsev N.N., Medvedeva I.V., Dalin P.A., Sukhodoev V.A. Multi-year behaviour of the midnight OH\* temperature according to observations at Zvenigorod over 2000 - 2016 // Advances in Space Research. 2017. <http://dx.doi.org/10.1016/j.asr.2017.07.020>
18. Pipin V.V., Tomozov V.M. Large - scale magnetic fields and anomalies of chemical composition of stellar coronae // arXiv.org. 2017. # arxiv:1709.00855v2.  
- <https://arxiv.org/pdf/1709.00855.pdf>.
19. Pipin V.V., Kosovichev A.G. On the origin of the double cell meridional circulation in the solar convection zone: electronic resource // arXiv.org. 2017. # 1708.03073v1.  
- <https://arxiv.org/pdf/1708.03073.pdf>.
20. Potapov A.S., Polyushkina T.N., Guglielmi A.V. Troitskaya-Bolshakova effect as a manifestation of the solar wind wave turbulence // Planetary and Space Science - In Press, Corrected Proof  
<https://doi.org/10.1016/j.pss.2017.11.008>
21. Shpynev B.G., Zolotukhina N.A., Polekh N.M., Ratovsky K.G., Chernigovskaya M.A., Belinskaya A., Stepanov A.E., Bychkov V., Grigorieva S.A., Panchenko V.A., Korenkova N.A., Mielich J. The ionosphere response to severe geomagnetic storm in March 2015 on the base of the data from Eurasian high-middle latitudes ionosonde chain - JASTP  
<https://doi.org/10.1016/j.jastp.2017.10.014>
22. Rudenko G.V., Anfinogentov S. Algorithms of the potential field calculation in a three dimensional box // arXiv.org. 2017. Ct. 1706.02814. - <https://arxiv.org/pdf/1706.04352.pdf>.
23. Rudenko G.V., Dmitrienko I.S. Examination of artifact in vector magnetic field SDO/HMI measurements // arXiv.org. 2017. # 1711.08156v1. - <https://arxiv.org/pdf/1711.08156.pdf>.

24. Zaginova Yu., Fainshtein V.G., Rudenko G.V., Obridko V.N. On the nature of the magnetic field asymmetry in magnetically coupled leading and following sunspots // arXiv.org. 2017. Ct. 1711.08895v1. - <https://arxiv.org/pdf/1711.08895.pdf>.
  
25. Zhang B. -B., Zhang B., Klunko E. et. al. Transition from fireball to Poynting-flux-dominated outflow in the three - episode GRB 160625B // Nature Astronomy: online journal. 2017.  
- <https://www.nature.com/articles/s41550-017-0309-8>.