

Надежда Семёновна Николаева



Скоропостижно ушла из жизни **Надежда Семёновна Николаева** – одна из старейших сотрудников ИКИ РАН.

Надежда Семёновна окончила в 1968 году физический факультет МГУ им. Ломоносова и была направлена на работу в ИКИ РАН. Кандидат физико-математических наук: "Исследование электродинамических связей высокоширотной ионосферы и магнитосферы".

За время работы Надежда Семёновна проявила себя как квалифицированный физик с большим опытом в обработке экспериментальных данных. Она занималась обработкой и физической интерпретацией результатов измерений на КА «Луна-11», «Луна-12» «Интеркосмос-3», «Интеркосмос-5», «Прогноз-1,2,3,5,7,9,10». С 1981 г. Надежда Семёновна принимала активное участие в подготовке и проведении эксперимента Протон-1 проекта «Интеркосмос-Болгария-1300». Она также была одним из основных участников группы управления в проекте «Интербол-1».

С 2004 года и до последнего времени Надежда Семеновна являлась старшим научным сотрудником отдела 54 ИКИ РАН.

Надежда Семёновна зарекомендовала себя как высокопрофессиональный специалист, оставаясь при этом светлым и добрым человеком.

Список основных научных публикаций Н. С. Николаевой:

1. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
DYNAMICS OF LARGE-SCALE SOLAR-WIND STREAMS OBTAINED BY THE DOUBLE SUPERPOSED EPOCH ANALYSIS: 2. COMPARISONS OF CIRCS VS. SHEATHS AND MCS VS. EJECTA
SOLAR PHYSICS 292(12), - (2017)
2. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG; YERMOLAEV, MY.
DOES MAGNETIC STORM GENERATION DEPEND ON THE SOLAR WIND TYPE?
GEOMAGNETISM AND AERONOMY 57(5), 512-518 (2017)

3. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY; RIAZANTSEVA, MO.
SOME PROBLEMS OF IDENTIFYING TYPES OF LARGE-SCALE SOLAR WIND AND THEIR ROLE IN THE PHYSICS OF THE MAGNETOSPHERE
COSMIC RESEARCH 55(3), 178-189 (2017)
4. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
DOES THE DURATION OF THE MAGNETIC STORM RECOVERY PHASE DEPEND ON THE DEVELOPMENT RATE IN ITS MAIN PHASE? 2. A NEW METHOD
GEOMAGNETISM AND AERONOMY 56(3), 276-280 (2016)
5. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
DOES THE DURATION OF THE MAGNETIC STORM RECOVERY PHASE DEPEND ON THE DEVELOPMENT RATE IN ITS MAIN PHASE? 2. A NEW METHOD
GEOMAGNETISM AND AERONOMY 56(3), 276-280 (2016)
6. NIKOLAEVA, N; YERMOLAEV, Y; LODKINA, I.
PREDICTED DEPENDENCE OF THE CROSS POLAR CAP POTENTIAL SATURATION ON THE TYPE OF SOLAR WIND STREAM
ADVANCES IN SPACE RESEARCH 56(7), 1366-1373 (2015)
7. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
DYNAMICS OF LARGE-SCALE SOLAR WIND STREAMS OBTAINED BY THE DOUBLE SUPERPOSED EPOCH ANALYSIS
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS 120(9), 7094-7106 (2015)
8. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
DOES THE DURATION OF THE MAGNETIC STORM RECOVERY PHASE DEPEND ON THE STORM DEVELOPMENT RATE IN ITS MAIN PHASE?
GEOMAGNETISM AND AERONOMY 55(4), 421-424 (2015)
9. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
MODELING OF THE CORRECTED D (ST) * INDEX TEMPORAL PROFILE ON THE MAIN PHASE OF THE MAGNETIC STORMS GENERATED BY DIFFERENT TYPES OF SOLAR WIND
COSMIC RESEARCH 53(2), 119-127 (2015)
10. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
INFLUENCE OF THE INTERPLANETARY DRIVER TYPE ON THE DURATIONS OF THE MAIN AND RECOVERY PHASES OF MAGNETIC STORMS
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS 119(10), 8126-8136 (2014)
11. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
DEPENDENCE OF GEOMAGNETIC ACTIVITY DURING MAGNETIC STORMS ON SOLAR-WIND PARAMETERS FOR DIFFERENT TYPES OF STREAMS: 4. SIMULATION FOR MAGNETIC CLOUDS
GEOMAGNETISM AND AERONOMY 54(2), 152-161 (2014)
12. YERMOLAEV, Y.; LODKINA, I.; NIKOLAEVA, N.; YERMOLAEV, M..
EGU GENERAL ASSEMBLY DEPENDENCE OF THE DURATIONS OF MAIN AND RECOVERY...
GEOPHYS. RES. ABSTR 16, (2014)
13. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
MODELING THE TIME BEHAVIOR OF THE D (ST) INDEX DURING THE MAIN PHASE OF MAGNETIC STORMS GENERATED BY VARIOUS TYPES OF SOLAR WIND
COSMIC RESEARCH 51(6), 401-412 (2013)

14. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
OCCURRENCE RATE OF EXTREME MAGNETIC STORMS
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS 118(8), 4760-4765 (2013)
15. NIKOLAEVA, N.S.; YERMOLAEV, YU.I.; LODKINA, I.G..
GEOMAGNETIC ACTIVITY DURING MAGNETIC STORMS AS A FUNCTION OF SOLAR WIND PARAMETERS FOR
DIFFERENT TYPES OF FLOWS: 4. MODELING FOR MAGNETIC CLOUDS
GEOMAGN. AERON. (6), (2013)
16. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
RECOVERY PHASE OF MAGNETIC STORMS INDUCED BY DIFFERENT INTERPLANETARY DRIVERS
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS 117, - (2012)
17. YERMOLAEV, YI; NIKOLAEVA, NS; LODKINA, IG; YERMOLAEV, MY.
GEOEFFECTIVENESS AND EFFICIENCY OF CIR, SHEATH, AND ICME IN GENERATION OF MAGNETIC STORMS
JOURNAL OF GEOPHYSICAL RESEARCH-SPACE PHYSICS 117, - (2012)
18. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
DEPENDENCE OF GEOMAGNETIC ACTIVITY DURING MAGNETIC STORMS ON THE SOLAR WIND PARAMETERS
FOR DIFFERENT TYPES OF STREAMS: 2. MAIN PHASE OF STORM
GEOMAGNETISM AND AERONOMY 52(1), 28-36 (2012)
19. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
DEPENDENCE OF GEOMAGNETIC ACTIVITY DURING MAGNETIC STORMS ON THE SOLAR WIND PARAMETERS
FOR DIFFERENT TYPES OF STREAMS: 3. DEVELOPMENT OF STORM
GEOMAGNETISM AND AERONOMY 52(1), 37-48 (2012)
20. NIKOLAEVA, NS; YERMOLAEV, YI; LODKINA, IG.
DEPENDENCE OF GEOMAGNETIC ACTIVITY DURING MAGNETIC STORMS ON THE SOLAR WIND PARAMETERS
FOR DIFFERENT TYPES OF STREAMS
GEOMAGNETISM AND AERONOMY 51(1), 49-65 (2011)
21. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
STATISTICAL STUDY OF INTERPLANETARY CONDITION EFFECT ON GEOMAGNETIC STORMS: 2. VARIATIONS
OF PARAMETERS
COSMIC RESEARCH 49(1), 21-34 (2011)
22. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
STATISTICAL STUDY OF INTERPLANETARY CONDITION EFFECT ON GEOMAGNETIC STORMS
COSMIC RESEARCH 48(6), 485-500 (2010)
23. YERMOLAEV, YI; NIKOLAEVA, NS; LODKINA, IG; YERMOLAEV, MY.
SPECIFIC INTERPLANETARY CONDITIONS FOR CIR-, SHEATH-, AND ICME-INDUCED GEOMAGNETIC STORMS
OBTAINED BY DOUBLE SUPERPOSED EPOCH ANALYSIS
ANNALES GEOPHYSICAE 28(12), 2177-2186 (2010)
24. YERMOLAEV, YI; NIKOLAEVA, NS; LODKINA, IG; YERMOLAEV, MY.
RELATIVE OCCURRENCE RATE AND GEOEFFECTIVENESS OF LARGE-SCALE TYPES OF THE SOLAR WIND
COSMIC RESEARCH 48(1), 1-30 (2010)
25. YERMOLAEV, YI; NIKOLAEVA, NS; LODKINA, IG; YERMOLAEV, MY.
LARGE-SCALE SOLAR WIND STRUCTURES: OCCURRENCE RATE AND GEOEFFECTIVENESS
TWELFTH INTERNATIONAL SOLAR WIND CONFERENCE 1216, 648-651 (2010)

26. VERIGIN, MI; KOTOVA, GA; BEZRUKIKH, VV; ZASTENKER, GN; NIKOLAEVA, N.
ANALYTICAL MODEL OF THE NEAR-EARTH MAGNETOPAUSE ACCORDING TO THE DATA OF THE PROGNOZ AND INTERBALL SATELLITE DATA
GEOMAGNETISM AND AERONOMY 49(8), 1176-1181 (2009)
27. YERMOLAEV, YI; LODKINA, IG; NIKOLAEVA, NS; YERMOLAEV, MY.
THE "FLOOR" IN THE INTERPLANETARY MAGNETIC FIELD: ESTIMATION ON THE BASIS OF RELATIVE DURATION OF ICME OBSERVATIONS IN SOLAR WIND DURING 1976-AEURO PARTS PER THOUSAND 2000
SOLAR PHYSICS 260(1), 219-224 (2009)
28. YERMOLAEV, YI; NIKOLAEVA, NS; LODKINA, IG; YERMOLAEV, MY.
CATALOG OF LARGE-SCALE SOLAR WIND PHENOMENA DURING 1976-2000
COSMIC RESEARCH 47(2), 81-94 (2009)
29. VERIGIN, M.I.; KOTOVA, G.A.; BEZRUKIKH, V.V.; ZASTENKER, G.N.; NIKOLAEVA, N..
ANALYTICAL MODEL OF THE NEAR-EARTH MAGNETOPAUSE OBSERVED BY PROGNOZ AND INTERBALL SATELLITES
SOLNECHNO-ZEMNAYA FIZIKA (12-1), 133-137 (2008)
30. NIKOLAEVA, NS; PARKHOMOV, VA; BORODKOVA, NL; YERMOLAEV, YI.
THE MAGNETOSPHERIC BOUNDARY MOTION DURING THE MAIN PHASE OF THE MODERATE MAGNETIC STORM (CASE STUDY)
PLANETARY AND SPACE SCIENCE 55(15), 2299-2309 (2007)
31. YERMOLAEV, YI; YERMOLAEV, MY; LODKINA, IG; NIKOLAEVA, NS.
STATISTICAL INVESTIGATION OF HELIOSPHERIC CONDITIONS RESULTING IN MAGNETIC STORMS: 2
COSMIC RESEARCH 45(6), 461-470 (2007)
32. YERMOLAEV, YI; YERMOLAEV, MY; LODKINA, IG; NIKOLAEVA, NS.
STATISTICAL INVESTIGATION OF HELIOSPHERIC CONDITIONS RESULTING IN MAGNETIC STORMS
COSMIC RESEARCH 45(1), 1-8 (2007)
33. YERMOLAEV, Y. I.; YERMOLAEV, M. Y.; NIKOLAEVA, N. S.; LODKINA, L. G..
INTERPLANETARY CONDITIONS FOR CIR-INDUCED AND MC INDUCED GEOMAGNETIC STORMS
BULG, J. PHYS 34, 128 (2007)
34. NIKOLAEVA, NS; YERMOLAEV, YI; BORODKOVA, NL; PARKHOMOV, VA.
VARIATIONS OF THE MAGNETOPAUSE POSITION VERSUS THE LEVEL OF GEOMAGNETIC ACTIVITY (ACCORDING TO DATA OF THE INTERBALL-1 SATELLITE FOR 1995-1997)
COSMIC RESEARCH 44(5), 385-392 (2006)
35. NIKOLAEVA, N.S.; YERMOLAEV, YU. I.; BORODKOVA, N.L.; PARKHOMOV, V.A..
VARIATIONS OF THE MAGNETOPAUSE POSITION VERSUS THE LEVEL OF GEOMAGNETIC ACTIVITY (ACCORDING TO DATA OF THE *INTERBALL-1* SATELLITE FOR 1995-1997)
KOSMICHESKIE ISSLEDOVANIYA 44(5), 403-410 (2006)
36. YERMOLAEV, YI; ZELENYI, LM; ZASTENKER, GN; PETRUKOVICH, AA; YERMOLAEV, MY; NIKOLAEVA, NS;
PANASYUK, MI; KUZNETSOV, SN; MYAGKOVA, IN; MURAV'EVA, EA; YUSHKOV, BY; VESELOVSKY, IS;
DMITRIEV, AV; ZHUKOV, AN; YAKOVCHOUK, OS; KUZNETSOV, VD; CHERTOK, IM; ISHKOV, VN; BELOV, AV;
EROSHENKO, EA; YANKE, VG; GAIDASH, SP; KANONIDI, KD; KUZIN, SV; ZHITNIK, IA; IGNAT'EV, AP; SLEMZIN,
VA; SUKHODREV, NK; SHESTOV, SA; ESELEVICH, MV; ESELEVICH, VG; RUDENKO, GV; DVORNIKOV, VM;
SDOBNOV, VE; KRAVTSOVA, MV; BOGOD, VM; KOTEL'NIKOV, VS; PERSHAKOV, LA; BELOGLAZOV, MI;
VLASOV, VI; CHASHEI, IV; KLEIMENOVA, NG; KOZYREVA, OV; KOZLOV, VI; PARKHOMOV, VA; KUGAENKO, YA;

KHISAMOV, RZ; YANCHUKOVSKI, VL; KUDELA, K.

A YEAR LATER: SOLAR, HELIOSPHERIC, AND MAGNETOSPHERIC DISTURBANCES IN NOVEMBER 2004
GEOMAGNETISM AND AERONOMY 45(6), 681-719 (2005)

37. NIKOLAEVA, NS; PARKHOMOV, VA; BORODKOVA, NL; KLIMOV, SI; NOZDRACHEV, MN; ROMANOV, SA;
YERMOLAEV, YI.
A MAGNETOSPHERIC SUBSTORM AND THE MOTION OF THE MAGNETOPAUSE
COSMIC RESEARCH 43(4), 233-244 (2005)
38. KOTOVA, G; VERIGIN, M; ZASTENKER, G; NIKOLAEVA, N; SMOLKIN, B; SLAVIN, J; SZABO, A; MERKA, J;
NEMECEK, Z; SAFRANKOVA, J.
BOW SHOCK OBSERVATIONS BY PROGNOZ-PROGNOZ 11 DATA: ANALYSIS AND MODEL COMPARISON
SOLAR WIND-MAGNETOSPHERE-IONOSPHERE DYNAMICS AND RADIATION MODELS 36(10), 1958-1963
(2005)
39. NIKOLAEVA, NS; PARKHOMOV, VA; BORODKOVA, NL; KLIMOV, SI; NOZDRACHEV, MN; ROMANOV, SA;
YERMOLAEV, YI.
THE DEVELOPMENT OF THE MAGNETOSPHERIC SUBSTORM AND ITS INFLUENCE ON THE MAGNETOPAUSE
MOTION
PLANETARY AND SPACE SCIENCE 53(1-3), 169-179 (2005)
40. PARHOMOV, V.A.; MISHIN, V.V.; LEONOVICH, A.S.; NIKOLAEVA, N.S.; SOLOV'EV, S.I..
MAGNETOSPHERIC RESPONSE IN LONG-PERIOD GEOMAGNETIC PULSATIONS, OBSERVED DURING THE
MULTY-TRAVERSE OF THE MAGNETOPAUSE BY INTERBALL-1 SATELLITE
SOLNECHNO-ZEMNAYA FIZIKA (8), 161-163 (2005)
41. NIKOLAEVA, NS; ZASTENKER, GN; BORODKOVA, NL.
VERIFICATION OF THE ACCURACY OF THE MAGNETOPAUSE EMPIRICAL MODELS USING THE INTERBALL-1
SATELLITE DATA
COSMIC RESEARCH 40(4), 324-334 (2002)
42. NIKOLAEVA, NS; ZASTENKER, GN; BORODKOVA, NL; ROMANOV, SA; NOZDRACHEV, MN.
THE MAGNETOPAUSE LOCATION AS OBSERVED BY THE INTERBALL-1 SATELLITE
ACCELERATION AND HEATING IN THE MAGNETOSPHERE 30(7), 1705-1710 (2002)
43. YERMOLAEV, YI; ZASTENKER, GN; NIKOLAEVA, NS.
THE EARTH'S MAGNETOSPHERE RESPONSE TO SOLAR WIND EVENTS ACCORDING TO THE INTERBALL
PROJECT DATA
COSMIC RESEARCH 38(6), 527-539 (2000)
44. NIKOLAEVA, NS; ZASTENKER, GN; ROMANOV, SI; BORODKOVA, NL; MUKAI, T; KOKUBUN, S.
TWO EXAMPLES OF OBSERVATION OF NEARLY SIMULTANEOUS MOTION OF THE MAGNETOPAUSE AND
EARTH'S BOW SHOCK ON THE INTERBALL-1 AND GEOTAIL SATELLITES
COSMIC RESEARCH 38(5), 445-457 (2000)
45. NIKOLAEVA, NS; ZASTENKER, GN; PROKHORENKO, VI; BORODKOVA, NL.
ON THE ACCURACY OF A PRIORI PREDICTIONS OF THE MAGNETOPAUSE POSITION (ACCORDING TO THE
INTERBALL PROJECT DATA)
COSMIC RESEARCH 38(5), 458-463 (2000)
46. YERMOLAEV, YI; ZASTENKER, GN; BORODKOVA, NL; KOVRAZHKIN, RA; NIKOLAEVA, NS; NOZDRACHEV, MN;
SAVIN, SP; SKALSKY, AA; ZELENYI, LM; NEMECEK, Z; SAFRANKOVA, J; SAUVAUD, JA.
STATISTIC STUDY OF MAGNETOSPHERE RESPONSE TO MAGNETIC CLOUDS: INTERBALL MULTI-SATELLITE

OBSERVATIONS

PHYSICS AND CHEMISTRY OF THE EARTH PART C-SOLAR-TERRESTIAL AND PLANETARY SCIENCE 25(1-2), 177-180 (2000)

47. ZELENYI, L; ZASTENKER, G; DALIN, P; EIGES, P; NIKOLAEVA, N; SAFRANKOVA, J; NEMECEK, Z; TRISKA, P; PAULARENA, K; RICHARDSON, J.
VARIABILITY AND STRUCTURES IN THE SOLAR WIND - MAGNETOSHEATH - MAGNETOPAUSE BY MULTISCALE MULTIPOINT OBSERVATIONS
CLUSTER-II WORKSHOP MULTISCALE/MULTIPOINT PLASMA MEASUREMENTS, PROCEEDINGS 449, 29-38 (2000)
48. SAVIN, SP; ROMANOV, SA; FEDOROV, AO; ZELENYI, L; KLIMOV, SI; YERMOLAEV, YI; BUDNIK, EY; NIKOLAEVA, NS; RUSSELL, CT; ZHOU, XW; URQUHART, AL; REIFF, PH.
THE CUSP/MAGNETOSHEATH INTERFACE ON MAY 29, 1996: INTERBALL-1 AND POLAR OBSERVATIONS
GEOPHYSICAL RESEARCH LETTERS 25(15), 2963-2966 (1998)
49. SAFRANKOVA, J; NEMECEK, Z; PRECH, L; ZASTENKER, G; PAULARENA, KI; NIKOLAEVA, N; NOZDRACHEV, M; SKALSKY, A; MUKAI, T.
THE JANUARY 10-11, 1997 MAGNETIC CLOUD: MULTIPOINT MEASUREMENTS
GEOPHYSICAL RESEARCH LETTERS 25(14), 2549-2552 (1998)
50. SAVIN, SP; BORODKOVA, NL; BUDNIK, EY; FEDOROV, AO; KLIMOV, SI; NOZDRACHEV, MN; MOROZOVA, IE; NIKOLAEVA, NS; PETRUKOVICH, AA; PISSARENKO, NF; PROKHORENKO, VI; ROMANOV, SA; SKALSKY, AA; YERMOLAEV, YI; ZASTENKER, GN; ZELENYI, LM; TRISKA, P; AMATA, E; BLECKI, J; JUCHNIEWICZ, J; BUECHNER, J; CIOBANU, M; GRARD, R; HAERENDEL, G; KOREPANOV, VE; LUNDIN, R; SANDAHL, I; EKLUND, U; NEMECEK, Z; SAFRANKOVA, J; SAUVAUD, JA; RUSTENBACH, J; RAUCH, JL; HORWITZ, JL; GALLAGHER, DL; PETERSON, WK.
INTERBALL TAIL PROBE MEASUREMENTS IN OUTER CUSP AND BOUNDARY LAYERS
GEOSPACE MASS AND ENERGY FLOW 104, 25 (1998)
51. NIKOLAEVA, N.; ZASTENKER, G.N.; SAFRANKOVA, J.; NEMECEK, Z.; NOZDRACHEV, M.N.; ROMANOV, S.A.; ET AL..
ON THE SOURCES AND AMPLITUDES OF MAGNETOPAUSE MOTION
COSM. RES. 36(6), 576 (1998)
52. NIKOLAEVA,, N. S.; ZASTENKER,, G. N.; SAFRANKOVA,, J.; NEMECEK,, Z.; NOZDRACHEV,, M. N.; ROMANOV,, S. A.; ET AL..
ON SOURCES AND AMPLITUDE OF MAGNETOPAUSE MOTION
COSMIC RESEARCH 36(6), 537 (1998)
53. SAVIN, SP; BALAN, O; BORODKOVA, N; BUDNIK, E; NIKOLAEVA, N; PROKHORENKO, V; PULKKINEN, T; RYBJEVA, N; SAFRANKOVA, J; SANDAHL, I; AMATA, E; AUSTER, U; BELLUCCI, G; BLAGAU, A; BLECKI, J; BUECHNER, J; CIOBANU, M; DUBININ, E; YERMOLAEV, Y; ECHIM, M; FEDOROV, A; FORMISANO, V; GRARD, R; IVCHENKO, V; JIRICEK, F; JUCHNIEWICZ, J; KLIMOV, S; KOREPANOV, V; KOSKINEN, H; KUDELA, K; LUNDIN, R; LUTSENKO, V; MARGHITU, O; NEMECEK, Z; NIKUTOWSKI, B; NOZDRACHEV, M; ORSINI, S; PARROT, M; PETRUKOVICH, A; PISSARENKO, N; ROMANOV, S; RAUCH, J; RUSTENBACH, J; SAUVAUD, JA; SARRIS, ET; SKALSKY, A; SMILAUER, J; TRISKA, P; TROTIGNON, JG; VOJTA, J; ZASTENKER, G; ZELENYI, L; AGAFONOV, Y; GRUSHIN, V; KHRAPCHENKOV, V; PRECH, L; SANTOLIK, O.
INTERBALL MAGNETOTAL BOUNDARY CASE STUDIES
RESULTS OF THE IASTP PROGRAM 20(4-5), 999-1015 (1997)
54. YERMOLAEV, YI; ZASTENKER, GN; BORODKOVA, NL; KOVRAZHIN, RA; KUDELA, K; LUTSENKO, VN; NIKOLAEVA, NS; NEMECEK, Z; NOZDRACHEV, MN; SAFRANKOVA, J; SAUVAUD, JA; SKALSKY, AA; ZELENYI, LM.
MAGNETIC CLOUD EVENT ON 6-11 JANUARY, 1997: INTERBALL MULTI-SATELLITE AND MULTI-INSTRUMENT

OBSERVATIONS

31ST ESLAB SYMPOSIUM ON CORRELATED PHENOMENA AT THE SUN, IN THE HELIOSPHERE AND IN GEOSPACE 415, 155-162 (1997)

55. NIKOLAEVA, N. S.; SERGEEVA, N. I.
SPECIFICS OF MUSEUMIFICATION OF ARCHAEOLOGICAL SITES
PUBLISHER: SPBGAK PUBL., ST. PETERSBURG 147, 204 (1997)
56. ISRAELEVICH, PL; NIKOLAEVA, NS.
HIGH-LATITUDE IONOSPHERIC CONVECTION INFERRED FROM THE DISTRIBUTION OF FIELD-ALIGNED CURRENTS
PLANETARY AND SPACE SCIENCE 39(8), 1107-1117 (1991)
57. ISRAELEVICH, PL; KUZMIN, AK; NIKOLAEVA, NS; PETKOV, N; TELTSOV, MV.
OBSERVATIONS OF THE INTENSIVE OII(P-2) EMISSION IN THE POLAR-CAP
PLANETARY AND SPACE SCIENCE 38(11), 1367-1373 (1990)
58. DUBININ, EM; ISRAELEVICH, PL; NIKOLAEVA, NS.
AURORAL ELECTROMAGNETIC DISTURBANCES AT AN ALTITUDE OF 900 KM - THE RELATIONSHIP BETWEEN THE ELECTRIC AND MAGNETIC-FIELD VARIATIONS
PLANETARY AND SPACE SCIENCE 38(1), 97-108 (1990)
59. ISRAELEVICH, PL; PODGORNYY, IM; KUZMIN, AK; NIKOLAEVA, NS; DUBININ, EM.
CONVECTION AND FIELD-ALIGNED CURRENTS, RELATED TO POLAR-CAP ARCS, DURING STRONGLY NORTHWARD IMF (11 JANUARY 1983)
PLANETARY AND SPACE SCIENCE 36(12), 1317-1328 (1988)
60. PODGORNYY, IM; DUBININ, EM; ISRAELEVICH, PL; NIKOLAEVA, NS.
LARGE-SCALE STRUCTURE OF THE ELECTRIC-FIELD AND FIELD-ALIGNED CURRENTS IN THE AURORAL OVAL FROM THE INTERCOSMOS-BULGARIA-1300 SATELLITE DATA
GEOPHYSICAL RESEARCH LETTERS 15(13), 1538-1540 (1988)
61. DUBININ, EM; VOLOKITIN, AS; ISRAELEVICH, PL; NIKOLAEVA, NS.
AURORAL ELECTROMAGNETIC DISTURBANCES AT ALTITUDES OF 900 KM - ALFVEN-WAVE TURBULENCE
PLANETARY AND SPACE SCIENCE 36(10), 949-962 (1988)
62. DUBININ, E. M.; ISRAELEVICH, P. L.; NIKOLAEVA, N. S.; PODGORNYY, I. M.; KUZMIN, A. K.; ZAYZEV, A. N.; PETROV, V. G..
ELECTRODYNAMICS OF THE MORNING SECTOR OF POLAR OVAL
KOSM. ISSLED. 26, 890 (1988)
63. DUBININ, EM; ISRAELEVICH, PL; NIKOLAEVA, NS; KUTIEV, I; PODGORNYY, IM.
LOCALIZED AURORAL DISTURBANCE IN THE MORNING SECTOR OF TOPSIDE IONOSPHERE AS A STANDING ELECTROMAGNETIC-WAVE
PLANETARY AND SPACE SCIENCE 33(6), 597-606 (1985)
64. BALEBANOV, VM; GDALEVICH, GL; GUBSKY, VF; DUBININ, EM; LAZAREV, VI; NIKOLAEVA, NS; PODGORNYY, IM; TELTSOV, MV; BANKOV, L; BOCHEV, A; CHAPKANOV, S; DACHEV, Z; KOLEVA, R; KUTIEV, I; SERAFIMOV, KB; STANEV, G; TEODOSIEV, D.
EFFECTS OF SMALL-SCALE PLASMA DISTURBANCE ON THE IKB-1300 SPACECRAFT POTENTIAL
ACTA ASTRONAUTICA 12(5), 345-350 (1985)

65. DUBININ, E.M.; PODGORNYYI, I.M.; BALEBANOV, M.; BANKOV, L.; BANKOV, N.; GDALEVICH, G.L.; DACHEV, TS.; ZHUZGOV, L.I.; KUTIEV, I.; LAZAREV, V.I.; NIKOLAEVA, N.S.; SERAFIMOV, K.; STANEV, G.; TEODOS'EV, D..
INTENSE LOCALIZED DISTURBANCES OF THE AURORAL IONOSPHERE
KOSM. ISSLED. 23, 449 (1985)
66. DUBININ, M.; ISRAELEVICH, P. L.; NIKOLAEVA, N. S.; KUTIEV, I.; PODGORNYY, I. M..
LOCALIZED AURORAL DISTURBANCE IN THE MORNING SECTOR OF TOPSIDE IONOSPHERE AS A STANDING
ELECTROMAGNETIC WAVE
PLANET. SPACE SCI. 33(597), (1985)
67. ANTONOVA, AE; NIKOLAEVA, NS.
STREAMS OF ENERGETIC ELECTRONS IN THE OUTER IONOSPHERE OF THE EARTH BY OBSERVATIONS AT ASE
PROGNOS-3
GEOMAGNETIZM I AERONOMIYA 19(4), 615 (1979)
68. LUTSENKO, V.N.; NIKOLAEVA, N.S..
RELATIVE CONTENT AND THE RANGE OF ALPHA PARTICLES IN THE INNER RADIATION BELT OF THE EARTH BY
MEASUREMENTS ON SATELLITE PROGNOZ-5
COSM. RES. 16(3), 459 (1978)