

1.4. Участие на Даниела Кирилова с научни доклади на форуми в чужбина и у нас (пленарни и др.)

33 поканени обзори и пленарни доклада, 8 поканени доклада

A. Международни форуми - 84 доклада

1. Kirilova D., Neutrino Oscillations and Primordial Nucleosynthesis, Russian Conference and Workshop "Foundations of Physics", April 1989, Sochi (доклад)
2. Kirilova D., Dolgov A., The Effect of Some Nonequilibrium Processes on the Primordial Nucleosynthesis, Int. Conf.IUPAP "Primordial Nucleosynthesis and the Evolution of Early Universe",Tokyo, Japan 4-8 Sept. 1990, ed. K. Sato, J.Audouze, Kluwer Acad. Publishers, 1991, p.55-59 (доклад)
3. Chizhov M., Kirilova D., Baryogenesis and Large Scale Periodicity of the Universe, Int. Conf. "Astrophysics and Cosmology after Gamow", Sept. 1994, Odessa, Ukraine 5-10 Sept. 1994, Kosmoinform, Moskva 1994, p.27-28 (постер)
4. Kirilova D.,Baryogenesis Model Suggesting Antigalaxies, International Conference "Our Galaxy", Moscow, SAI, March 1996; Preprint ICTP IC/98/53, Trieste, 1998, p.1- 6 (доклад)
5. Kirilova D., Chizhov M., Is There A Cosmological Evidence For Additional Particles, International Conference "Our Galaxy", SAI, March 1996; Preprint ICTP IC/98/53, Trieste, 1998, p.1-6 (постер)
6. Kirilova D. Baryogenesis and the Large Scale Structure of the Universe,TAC-NORDTA International Workshop on the Physics of the Early Universe, 31.05-2.06, 1997, Kopenhagen, Denmark (доклад)
7. Kirilova D., Chizhov M., Nonequilibrium Neutrino Oscillations and Primordial Helium Production, 17 Internatiopnal; Conf. Neutrino Physics and Astrophysics "NEUTRINO96", 18 June 1996,Helsinki, Finland; in the Proc. of NEUTRINO 96, Helsinki,1996, p.478-484 (доклад)
8. Kirilova D.,Nonequilibrium Neutrino Oscillations and Cosmological Nucleosynthesis: the Nonresonant Case, Workshop "Extended Workshop on Highlights in Astroparticle Physics" 15.10 - 15.12. 1997, ICTP, Trieste, Italy (доклад)
9. Kirilova D.,Lepton Asymmetry, Neutrino Oscillations and Cosmological Nucleosynthesis, Workshop "Relic Neutrino",17 Sept.1998, ICTP,Trieste, Italy (**поканен пленарен доклад**)
10. Kirilova D., Chizhov M., Lepton Asymmetry Effect on Neutrino Oscillations and Primordial Helium-4, International Conference on Cosmology and Particle Physics (CAPP2000), Verbier, 17-28 July, 2000,Switzerland; published in "Cosmology and Particle Physics", AIP Conference Proceedings, Melville, New York, 2001, v.555, p.433-436, eds. J. Garcia-Bellido, R. Durrer, and M. Shaposhnikov; (доклад)
11. Kirilova D., Chizhov M., Big Bang Nucleosynthesis and Cosmological Constraints on Neutrino Oscillations Parameters, Int. Conf. "Hot Points in Astrophysics", JINR, 22-26 August, 2000, Russia; p.56-66 (**поканен обзори доклада**)

12. Kirilova D., Chizhov M., Neutrino Oscillations in the Early Universe, invited talk at European Workshop on Neutrino Oscillations (NOW 2000), 11-16.09. 2000, Conca Specchiulla, Otranto, Lece, Italy; Published in "Otranto 2000, Europhysic neutrino oscillation workshop" p. 360-362 (поканен доклад)
13. Kirilova D., Primordially Produced Helium-4 in the presence of neutrino oscillations, SOHO-ACE Workshop "Solar and Galactic Composition", 6-9 March, 2001, Bern, Switzerland, in proc. Joint SOHO-ACE Workshop "Solar and Galactic Composition", Bern, 6-9 March, 2001, p.405-410 (постер)
14. Kirilova D., Chizhov M., Large Scale Structure and Baryogenesis, XXI Moriond Astrophysics Meeting, Les Arcs, Savoie, France, March 10-17, 2001, published in Galaxy Clusters and the High-Redshift universe observed in X-rays, proc. of XXXVIth Rencontres de Moriond, eds. J. Tran Thanh Van and Doris M. Neumann (постер)
15. Kirilova D., Chizhov M., Lepton Asymmetry Effect on Neutrino Oscillations and Primordial Helium-4, talk at the International Conference CAPP 2000, Verbier, Switzerland, 17-28 July, 2000, in "Cosmology and Particle Physics", AIP Conference Proceedings, Melville, New York, 2001, v.555, p.433-436; eds. J. Garcia-Bellido, R. Durrer, and M. Shaposhnikov (доклад)
16. Kirilova D., Big Bang Nucleosynthesis and Cosmological Constraints on Neutrino Masses and Mixings, First Journee de Lacs Alpains de Cosmologie, Geneva Univ., 16 April, 2001, Geneva, Switzerland (доклад)
17. Kirilova D., How Cosmology Constrains Neutrino Oscillations, Les HOUCHEs EuroConference on Neutrino Masses and Mixings, 18-22 June, 2001, Les Houches, France, CD-ROM of LesHouches EuroConf on Neutrino Masses and Mixings, and in neutrinhouches.in2p3.fr/slides/slides. (поканен доклад)
18. Kirilova D., Baryonic Content in Nonstandard BBN Models, International Conference "Where's the Matter? Tracing Dark and Bright Matter with the New Generation of Large Scale Surveys", 25-29 June, 2001, Marseille, France; published in Proc. of Int. Conference "Where's the Matter? Tracing Dark and Bright Matter with the New Generation of Large Scale Surveys", Treyer & Tresse Eds, Frontier Group (постер)
19. Kirilova D., Overproduction of helium-4 due to neutrino oscillations, Int. Conference "International Collaboration in Astronomy: Actual State and Prospects", 25.05-02.06 2002, Moscow, Russia, p. 421-424. (постер)
20. Kirilova D., Baryon Density in modified models of primordial Nucleosynthesis, Proc. Int. Conference "International Collaboration in Astronomy: Actual State and Prospects", 25.05-02.06 2002, Moscow Russia, p.425-428 (постер)
21. D.Kirilova, M.Panayotova, T.Valchanov, Vast antimatter regions and SUSY-condensate baryogenesis, Proc. XIVth Rencontre de Blois "Matter-Antimatter Asymmetry" 16th-22nd June, 2002, Chateau de Blois, France, <http://perso.wanadoo.fr/blois-2002/index.html>, ed. J. Tran Thanh Van, IC/2002/133. <http://perso.wanadoo.fr/blois-2002/index.html>, CERN-CH/2002-218 (постер)
22. D.Kirilova, Baryogenesis model predicting antimatter in the Universe, Proc. XII Int. Symposium "Very High Energy Cosmic Ray Interactions", 15 - 20 July 2002, CERN, Geneva, Switzerland, in

Geneva 2002, Very high energy cosmic ray interactions 404-408 (доклад)

23. Kirilova, D.P.: Neutrino oscillations and the early Universe, Proc. of the XIII National Conference of Yugoslav Astronomers, 17-20 Oct. 2002, Belgrade, Publ. Astron. Obs. Belgrade, Serbia, No.75, 2003, 167-178 (**поканен обзорен доклад**)
24. Kirilova, D.P, Cosmological Constraints on Neutrino Oscillations, Workshop on Cosmology and Particle Physics (CAPP2003), CERN, Geneva, Switzerland, 12-17 Jun 2003; IC/2003/63 (постер)
25. Kirilova, D.P, Helium-4 overproduction in models with neutrino Oscillations, 20 Brussels Meeting between Astrophysicists and Nuclear Physics, 15-16 Dec., 2003, Bruxelles, Belgium (доклад)
26. D.Kirilova, M.Panayotova, Cosmological constraints on neutrino oscillations for initially non-zero sterile state, presented at 4th Serbian-Bulgarian Astronomical Conference (IV SBGAC), 21-24 April 2004, Belgrade, Serbia, (доклад)
27. D.Kirilova, T.Valchanov, Early Universe Baryogenesis, Proc. Of 4th Serbian-Bulgarian Astronomical Conference (IV SBGAC), 21-24 April 2004, Belgrade, Serbia (доклад)
28. D. Kirilova, Generalized Cosmological Constraints on Neutrino Oscillations - Relaxed or Strengthened, Proc. 6th Intern. Symposium on Frontiers of Fundamental and Computational Physics, 26-29 September, Udine, Italy (**поканен доклад**)
29. D. Kirilova, Cosmological Constraints on Neutrino Oscillations, Proc. of Manev International Conference on Historical and Contemporary Aspects of Astronomy, Theoretical and Gravitational Physics, 20-22 May, 2004, Sofia, Bulgaria (**поканен доклад**)
30. D.Kirilova, M.Panayotova, General BBN constraints on neutrino oscillations, Non-accelerator astroparticle physics, eds. A.Carrigan, G. Giacomelli, N. Paver, World Scientific, 2005, p.301. (постер)
31. D.Kirilova, T.Valchanov, On Scalar Condensate Baryogenesis Model, Non-accelerator astroparticle physics, eds. A. Carrigan, G.Giacomelli, N. Paver, World Scientific, 2005, p.302. (постер)
32. D.Kirilova, BBN constraints on sterile neutrino mixing, talk at the Workshop on Sterile Neutrinos in Astrophysics and Cosmology 2006 Crans Montana, Switzerland, March 25-29, 2006 (доклад)
33. D. Kirilova, Neutrino Oscillations in the Early Universe 11th Summer Institute at Gran Sasso National Laboratory, Frontiers in Astroparticle Physics, July 11 - 28, 2006, LNGS, (доклад) Assergi, Italy, <http://www.lngs.infn.it/SummerInstitute2006/right.html> (доклад)
34. D. Kirilova, Neutrino spectrum distortion due to active-sterile neutrino oscillations and its effect on BBN, lecture at the Galileo Galilei Int. workshop Aug-Oct, 2006, Arcetri, Firenze, Italy (**поканен обзорен доклад**)
35. D. Kirilova, Neutrino Oscillations in the Early Universe Plasma and Cosmological Nucleosynthesis, International Workshop on Frontiers of Plasma Science, 21-31 Aug, 2006, Trieste, Italy (доклад)
36. D. Kirilova, M. Panayotova, The Role of Particle Creation Processes in the Scalar Condensate Baryogenesis model, Bulgarian-Serbian Astronomical Conference, May, 2006 (постер)
37. D. Kirilova, Big Bang Nucleosynthesis with Neutrino Oscillations, Fourth Advanced Research

Workshop GRAVITY, ASTROPHYSICS AND STRINGS AT THE BLACK SEA, June 10-16, 2007, Bulgaria (доклад)

38. D. Kirilova, M. Panayotova, The Account of Particle Creation Processes in the Scalar Condensate Baryogenesis model, presented at the Balkan Astronomical Meeting, Sofia, may 2007, Heron Press, (постер)
39. Kirilova D., Non-equilibrium Neutrino In The Early Universe Plasma, AIP Conf. Proc., School and Workshop on Space Plasma Physics, 31.08-07.09, 2008, Sozopol, Bulgaria, ed.I. Zhelyazkov, <http://sp.phys.uni-sofia.bg/Sozopol08/> (доклад)
40. Kirilova D., BBN, CMB and CNB probes of nonequilibrium neutrino, ICTS- IUCAA "Cosmology with the CMB and LSS", workshop "Probes of Large Scale Structure", 14-20 август 2008, Pune, India (поканен доклад)
41. Kirilova D., Evolution of Oscillating Cosmic Neutrinos, ICTS-IUCAA "Cosmology with the CMB and LSS", workshop "Links to Early Universe", 20.08-3.09.2008, Пуна, Индия (постер)
42. Kirilova D., Neutrinos in Cosmology, SREAC Meeting and the Joined scientific meeting "Astrophysics and Astrodynamics in Balkan Countries in the International Year of Astronomy", Belgrade, Serbia, 28-0 Sept. 2009, www.aob.bg.ac.yu/sreac (поканен пленарен доклад)
43. M.Chizhov, D.Kirilova "A Possible TeV Window on the Universe", XXIth Rencontres de Blois "Windows on the Universe", 21-26 June, 2009, in the Chateau de Blois, Loire Valley, France(постер)
44. D. Kirilova, Non-equilibrium neutrino in the early universe plasma, School and Workshop on Space Plasma Physics, 31.08-07.09, Sozopol, Bulgaria (поканен доклад)
45. D. Kirilova, BBN Constraints on Neutrino and CNB", Erice Workshop "Neutrinos in Cosmology, in Astro, Particle and in Nuclear Physics" ERICE, Trapani, Sicily; September 16-24 2009 (поканен доклад)
46. Kirilova D., On leptogenesis and lepton asymmetry effects in the early Universe, XIVth Rencontres de Moriond, 2010 Cosmology, La Thuile, Italy, 13-20 March, 2010 (постер)
47. D. Kirilova, On lepton asymmetry and BBN", International Workshop "Particle and Nuclear Astrophysics" ERICE, Trapani, Sicily; September 16-24 2010, 32 course (поканен обзорен доклад)
48. Kirilova D., Cosmology review, Международна програма в ЦЕРН , Bulgarian Teachers Programme' 2010, CERN, Geneva, Switzerland, 2-8 May 2010 (поканен обзорен доклад)
49. Kirilova D., Cosmology in Bulgaria, R-ECFA meeting , (Restricted European Committee for Future Accelerators) May 7th-8th, 2010, <http://indico.cern.ch/conferenceDisplay.py?confId=91697> (поканен обзорен доклад)
50. Kirilova D., Cosmology review, Международна програма в ЦЕРН 'Bulgarian Teachers Programme' 2011, CERN, Geneva, Switzerland, 24-28 June 2011 (поканен обзорен доклад)
51. D. Kirilova, „From Mateev's Baryogenesis Ideas to Contemporary Cosmological Constraints“ Международната конференция по физика в памет на акад. М. Матеев, International Conference

on Physics MMM, 10-12 April 2011, Sofia (**обзорен доклад**)

52. Kirilova D., On lepton asymmetry and Cosmological Nucleosynthesis, International Conference on Physics MMM, 10-12 April 2011, Sofia (постер)
53. Kirilova D., Cosmology I, Cosmology II, Международна програма в ЦЕРН 'Bulgarian Teachers Programme' 2012, CERN, Geneva, Switzerland from 16-22 септември 2012, <http://indico.cern.ch/conferenceDisplay.py?confId=206381> (**2 поканени обзорни доклада**)
54. Kirilova D., Lepton asymmetry and neutrino oscillations interplay, 5th Int. Symp. On Symmetries in Subatomic Physics, 17-22 June, 2012, Грьонинген, Холандия (доклад)
55. Kirilova D., Big Bang Nucleosynthesis effects of oscillating neutrino and on leptogenesis, Workshop on Recent Developments in Astronuclear and Astroparticle Physics, ICTP, Trieste, Italy, 19-23 November 2012, <http://agenda.ictp.it/smr.php?2347> (**поканен обзорен доклад**)
56. Kirilova D., The excess of relativistic density in the early Universe and its explanation, VIII Сръбско-Българската конференция, 8-12 май, Лесковац, Сърбия, 2012 (доклад)
57. Kirilova D., Panayotova, M., Inhomogeneous Baryogenesis Model and Antimatter in the Universe, VIII Serbian-Bulgarian Astronomical Conference, 8-12 май, 2012, Лесковац, Сърбия (постер)
58. Kirilova D., Cosmology I, Cosmology II, III, Int. Conf. and School, Trends in Particle Physics, 10-16 June, 2012, Primorsko, Bulgaria (**3 поканени обзорни доклада**)
59. Kirilova D., Topics in Cosmology I, II, III, Международната школа и конференция ISSCSMB'12, 2-8 септември, 2012, Белек, Анталия, Турция (**3 поканени обзорни доклада**)
60. Kirilova D., Cosmology, Международна програма в ЦЕРН Bulgarian Teachers Programme 2013, CERN, Geneva, Switzerland, 21-27 юли 2013 (**поканен обзорен доклад**)
61. Kirilova D., Neutrino Oscillations in the Early Universe – Cosmological Effects and Constraints, International Workshop on Neutrino Physics: Present and Future, Erice-Sicily, Italy, September 16-24, 2013 (**поканен обзорен доклад**)
62. Kirilova D., Neutrinos from the Early Universe and Physics Beyond Electroweak and Cosmological Standard Models Сърбия, Врњачка Баня, 25-29 април, 2013, SEENET-MTP Workshop: Beyond the Standard Models - Balkan Workshop BW2013 <http://bw2013.seenet-mtp.info/poster-bw2013.pdf> (**поканен обзорен доклад**)
63. Kirilova D., Contemporary Cosmology I, II, III, Int. Conf. and School, Trends in Particle Physics Primorsko 2014" 10 юни 2014, Primorsko, Bulgaria (**3 поканени обзорни доклади**)
64. Kirilova D., Helium-4 from Big Bang Nucleosynthesis and CMB, International Workshop on "Nuclei in the Laboratory and in the Cosmos", Erice-Sicily, Italy, September 16-24, 2014 (**поканен доклад**)
65. D.P. Kirilova, Tensor Particles in the Early Universe, Int. Conf. 52nd Rencontre de Moriond, Very High Energy Phenomena in the Universe, 18.03 – 25.03.2017, La Thuile, Italy (постер)

66. D.P. Kirilova, On lepton asymmetry neutrino oscillations interplay, BBN and the problem of dark radiation, 53rd Rencontres de Moriond, 2018 Very High Energy Phenomena in the Universe, La Thuile (Italy) March 17-24, 2018
- 67.D.P. Kirilova, BBN cosmological constraints on Physics Beyond the Standard Model, XI Bulgarian-Serbian Astronomical Conference, Belogradchik, Bulgaria, May 14-18, 2018 (**поканен пленарен доклад**).
- 68.Daniela Kirilova, Mariana Panayotova , Baryon Asymmetry of the Universe Generated by Scalar Field Condensate Baryogenesis Model in Different Inflationary Scenarios, AIP Conf. 2019, Conference: 10th Jubilee International Conference of the Balkan Physical Union
69. Daniela P. Kirilova, Emmanuil M. Chizhov, Chiral tensor particles in the early Universe- BBN Constraints , AIP Conf. 2019, Conference: 10th Jubilee International Conference of the Balkan Physical Union
- 70.Daniela Kirilova, BBN Cosmological Constraints on Beyond Standard Model Neutrino, Corfu Summer Institute 2018 "School and Workshops on Elementary Particle Physics and Gravity"(CORFU2018)31 August - 28 September, 2018, Corfu, Greece
- 71.Daniela Kirilova, Emanuil Chizhov, Vassillen Chizhov, Several BBN Constraints on Beyond Standard Model Physics, Nuclear Physics in Astrophysics IX, 1 Castle Waldthausen, Frankfurt, 5 - 20 IX, 2019
72. D.P. Kirilova, BBN constraints on BSM Neutrino Characteristics , **обзорен доклад**, Международна работна среща по космология: Alpine Cosmology Workshop 30 юни -5 юли, 2019, Ла Берарде, Франция, <https://wiki.helsinki.fi/display/alpine/cosmology>
73. D.P. Kirilova, Big Cosmological Influence of Tiny Lepton Asymmetry During BBN, доклад Joint Conference of SREAC and BgAS, 4-8 June, 2019, Sofia.
74. D. Kirilova, M. Panayotova, Inflationary models, reheating and scalar field condensate baryogenes, XII Serbian-Bulgarian Astronomical Conference (XII SBAC) September 25 - 29, 2020, Sokobanja, Serbia [ishttp://12sbak.matf.bg.ac.rs/programme.html](http://12sbak.matf.bg.ac.rs/programme.html), постреп
75. D. Kirilova and M. Panayotova, SFC BARYOGENESIS MODEL, INFLATIONARY SCENARIOS AND REHEATING IN THE UNIVERSE XIX SERBIAN ASTRONOMICAL CONFERENCE, October 13-17, 2020, Belgrade, Serbia
76. Даниела Кирилова, Mariana Panayotova, SFC baryogenesis calculated in different inflationary scenarios, CHALLENGES AND INNOVATIONS IN COMPUTATIONAL ASTROPHYSICS – II, IAU workshop - zoom meeting in computational astrophysics 18- 21 November 2020
77. Mariana Panayotova, Daniela Kirilova, Favoured Inflationary Models by SFC Baryogenesis, 362 IAU Symposium THE PREDICTIVE POWER OF COMPUTATIONAL ASTROPHYSICS AS A DISCOVERY TOOL, 8-12.11.2021
78. Mariana Panayotova, Daniela Kirilova, Successful generation of the observed baryon asymmetry for SFC baryogenesis in different inflationary scenarios, Cosmology from Home 2021, 5-16.07.2021, Online Conference, United Kingdom (C21-07-05.2)

79. Daniela Kirilova, Mariana Panayotova, Emmanuil Chizhov, доклад Updated BBN cosmological constraints on Beyond Standard Model physics, BPU11 CONGRESS, 28 August 2022 to 1 September 2022, Serbian Academy of Sciences and Arts – SASA

80. Daniela Kirilova, Mariana Panayotova, Emmanuil Chizhov, Several Cosmological Nucleosynthesis Constraints on Neutrino and New Physics, XIIIth Bulgarian-Serbian Astronomical Conference , 2-7 October 2022, Velingrad, **обзорен доклад**

81. Daniela Kirilova, Emanuil Chizhov, FRW cosmology with chiral tensor particles, “The Modern Physics of Neutron Stars and Relativistic Gravity” Yerevan, Armenia, Sep 12 – 16, 2023, online доклад

82. Daniela Kirilova, Мариана Панайотова, Емануил Чижев, Cosmological Constraints on Beyond Standard Model Neutrino Physics, COSMOLOGY 2023 in MIRAMARE, Институт SISSA гр. Триест, Италия, **обзорен доклад**

83. Мариана Панайотова, Daniela Kirilova, Updated BBN constraints on non-equilibrium active-sterile neutrino oscillations, IC-MSQUARE Int'l Conference on Mathematical Modeling in Physical Sciences August 28-31, 2023 Belgrade, Serbia, online доклад

84. D. Kirilova, Mariana Panayotova, Emanuil Chizhov, Several Updated BBN Constraints on Beyond Standard Model Neutrino Physics, 58th Rencontre de Moriond – Cosmology, 31.03.2024 – 07.04.2024, La Thuile, Italy

Б. Доклади на национални форуми 15

1. D. Kirilova, Cosmological Constraints on Neutrino Oscillations, Manev International Conference on Historical and Contemporary Aspects of Astronomy, Theoretical and Gravitational Physics, 20-22 May, 2004, Sofia, **поканен обзореи доклад**
2. Д. Кирилова, "Процеси в ранната Вселена", **поканен обзореи доклад** на XXXIV астроконференция, 5-10 юни, 2008, Варна.
3. Д. Кирилова, Космологични ограничения върху физика отвъд стандартния модел, (доклад) Първа работна среща на ИА НАО, 9-10 ноември 2017 г., Творчески дом на БАН, Златните мостове, **обзореи доклад**
4. D.P. Kirilova, Chiral Tensor Particles Cosmological Constraints (постер) Национална конференция на САБ, 5-8 октомври, 2017, Ивайловград .
5. D.P. Kirilova, On lepton asymmetry neutrino oscillations interplay in BBN epoch (постер) Национална конференция на САБ, 5-8 .IX .2018
6. D.P. Kirilova, „Изследване на физични процеси в ранната Вселена“ постер за представянето на ИА БАН на 17 октомври, 2018.
7. Даниела Кирилова, Марияна Панайотова "Бариогенезисен модел с кондензат на скаларно поле в различни инфлационни модели", доклад , Втора работна среща на ИА НАО, 26-27 юни, 2018, Творчески дом на БАН, Копривщица.
8. Даниела Кирилова, Емануил Чижов „Chiral tensor particles – cosmological effects and constraints“, Трета работна среща на ИА НАО, 26-29 ноември 2018 г., хотел Бор, Велинград.
9. Даниела Кирилова, М. Панайотова, Е. Чижов "Инфлация, рихитинг, бариогенезис, нуклеосинтез и космологични ограничения върху нови взаимодействия", доклад, IV работна среща на ИА НАО, 17-20 ноември , Велинград, 2019, **обзореи доклад**

10. Даниела Кирилова „Нобеловата награда по космология за 2019“, доклад, IV работна среща на ИА НАО, 17-20 ноември, Велинград, 2019
11. Даниела Кирилова „Нобеловата награда по физика за 2019“ доклад, работна среща на катедра Атомна Физика, ФзФ, СУ, 13-15 дек. 2019, Университетска база, Гьолечица.
12. Daniela Kirilova, Космично неутрино и неутринни осцилации, I-ви Национален форум за съвременни космически изследвания, **поканен пленарен доклад**, 21.10.2020 - 22.10.2020, София, България
13. D. Kirilova, M. Panayotova, Cosmological constraints on neutrino oscillations, XV годишна конференция на Съюза на астрономите в България, 30.05.2022 - 01.06.2022, Ямбол, България
14. Даниела Кирилова, Мариана Панайотова, Емануил Чижов „Космологични указания за физика отвъд стандартния модел. Барионна и лептонна асиметрия на Вселената“ Пета работна среща на ИА НАО 27-30 ноември 2023, парк-хотел Кюстендил, Кюстендил
15. D. Kirilova, Космологичен нуклеосинтез и указанията следващи от него за физика отвъд Стандартния модел, 16-та годишна конференция на Съюза на астрономите в България, 14-16 юни 2023г. Варна **обзорен доклад**