

Сведения об официальном оппоненте

диссертации Маланчева Константина Леонидовича

«Нестационарные процессы в астрофизических аккреционных дисках»

Официальный оппонент: Бикмаев Ильфан Фяритович

Ученая степень: доктор физико-математических наук

Ученое звание: доцент

Должность: заведующий кафедрой астрономии и космической геодезии

Место работы: Институт физики Казанского федерального университета

Адрес: Казань, ул. Кремлевская, д. 18, Учебное здание №03

Тел.: +7 (843) 292-77-97

E-mail: Ifan.Bikmaev@kpfu.ru

Список основных научных публикаций по специальности «Астрофизика и звездная астрономия» за последние 5 лет:

1. Planck 2013 results. I. Overview of products and scientific results, Planck Collaboration, et al., Astronomy and Astrophysics, vol.571, p.A1, 2014
2. Planck 2015 results. I. Overview of products and scientific results, Planck Collaboration, et al., Astronomy and Astrophysics, vol.594, p.A1, 2016
3. Planck 2013 results. XX. Cosmology from Sunyaev-Zeldovich cluster counts, Planck Collaboration, et al., Astronomy and Astrophysics, vol.571, p.A20, 2014
4. Planck 2013 results. XXIX. The Planck catalogue of Sunyaev-Zeldovich sources, Planck Collaboration, et al., Astronomy and Astrophysics, vol.571, p.A29, 2014
5. Planck intermediate results. V. Pressure profiles of galaxy clusters from the Sunyaev-Zeldovich effect, Planck Collaboration, et al., Astronomy and Astrophysics, vol.550, p.A131, 2013
6. Planck 2015 results. XXVII. The second Planck catalogue of Sunyaev-Zeldovich sources, Planck Collaboration, et al., Astronomy and Astrophysics, vol.594, p.A27, 2016
7. Planck intermediate results. XIII. Constraints on peculiar velocities, Planck Collaboration, et al., Astronomy and Astrophysics, vol.561, p.A97, 2014

8. Planck intermediate results. XI. The gas content of dark matter halos: the Sunyaev-Zeldovich-stellar mass relation for locally brightest galaxies, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.557, p.A52, 2013
9. Planck intermediate results. X. Physics of the hot gas in the Coma cluster, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.554, p.A140, 2013
10. Planck intermediate results. III. The relation between galaxy cluster mass and Sunyaev-Zeldovich signal, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.550, p.A129, 2013
11. Planck intermediate results. VIII. Filaments between interacting clusters, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.550, p.A134, 2013
12. Planck 2013 results. XXXII. The updated Planck catalogue of Sunyaev-Zeldovich sources, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.581, p.A14, 2015
13. Planck intermediate results. IV. The XMM-Newton validation programme for new Planck galaxy clusters, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.550, p.A130, 2013
14. Planck intermediate results. II. Comparison of Sunyaev-Zeldovich measurements from Planck and from the Arcminute Microkelvin Imager for 11 galaxy clusters, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.550, p.A128, 2013
15. Planck intermediate results. XXVI. Optical identification and redshifts of Planck clusters with the RTT150 telescope, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.582, p.A29, 2015
16. Gamma-rays from Type Ia Supernova SN2014J, Churazov, E., et al., *The Astrophysical Journal*, vol.812, p.62, 2015
17. Comparison of Sunyaev-Zel'dovich measurements from Planck and from the Arcminute Microkelvin Imager for 99 galaxy clusters, Perrott, Y. C., et al., *Astronomy and Astrophysics*, vol.580, p.A95, 2015
18. Planck intermediate results. XXXVI. Optical identification and redshifts of Planck SZ sources with telescopes at the Canary Islands observatories, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.586, p.A139, 2016
19. Planck intermediate results. VI. The dynamical structure of PLCKG214.6+37.0, a Planck discovered triple system of galaxy clusters, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.550, p.A132, 2013
20. Planck intermediate results. XLIII. Spectral energy distribution of dust in clusters of galaxies, Planck Collaboration, et al., *Astronomy and Astrophysics*, vol.596, p.A104, 2016
21. Extrasolar planet searches at the TUG: Test observations and capabilities, Yılmaz, M., et al., *New Astronomy*, vol.20, p.24, 2013

22. Additional spectroscopic redshift measurements for galaxy clusters from the first Planck catalogue, Vorobyev, V. S., et al., Astronomy Letters, vol.42, p.63, 2016
23. Extrasolar planet searches at the TUG: Test observations and capabilities, Yılmaz, M., et al., New Astronomy, vol.20, p.24, 2013
24. The multiple system ADS 9626: A quadruple star or an encounter of two binaries?, Kiyayeva, O. V., et al., Astronomy Reports, vol.58, p.835, 2014
25. Determining the nature of faint X-ray sources from the ASCA Galactic center survey, Lutovinov, A. A., et al., Astronomy Letters, vol.41, p.179, 2015
26. Low mass stellar companions around four giant stars, Yılmaz, M., et al., New Astronomy, vol.34, p.108, 2015
27. Dwarf nova EZ Lyncis second visit to instability strip, Pavlenko, E. P., et al., Publications of the Astronomical Society of Japan, vol.66, p.113, 2014
28. Comparative analysis of photometric variability of TT ARI in the years 1994-1995 and 2001, 2004, Belova, A. I., et al., Astronomy Letters, vol.39, p.111, 2013
29. Spectral Characteristics of Radiation from the Nucleus of the Seyfert Galaxy NGC 1275 After an Epoch of its Maximum Activity, Bikmaev, I. F., et al., Astrophysics, vol.59, p.48, 2016
30. Type Ia supernovae 2014J and 2011fe at the nebular phase, Bikmaev, I. F., et al., Astronomy Letters, vol.41, p.785, 2015
31. Physical properties of components in multiple stars and their dynamics, Zhuchkov, R. Y., et al., Astronomical and Astrophysical Transactions, vol.28, p.63, 2013
32. PG 1316+678: A young pre-cataclysmic binary with weak reflection effects, Shimansky, V. V., et al., Astronomy Reports, vol.57, p.212, 2013

Ученый секретарь диссертационного совета МГУ.01.02,

доктор физико-математических наук

Алексеев С. О.

Подпись, печать