

Информация по оппонентам и ведущей организации по диссертации Ладейщикова Дмитрия Антоновича

Ведущая организация

Полное название: Федеральное государственное бюджетное образовательное учреждение высшего образования «Московский государственный университет имени М.В.Ломоносова» (Государственный астрономический институт им. П.К. Штернберга)

Сокращенное название: МГУ имени М.В.Ломоносова (ГАИШ)

Полное название (англ.): Lomonosov Moscow State University (Sternberg Astronomical Institute)

Сокращенное название (англ.): MSU (SAI)

Адрес: 119991, Российская Федерация, Москва, Ленинские горы, д. 1, Московский государственный университет имени М.В.Ломоносова

Телефон: (495) 939-1000

Факс:(495) 939-0126

e-mail: info@rector.msu.ru

Сайт: www.msu.ru

Публикации сотрудников ведущей организации, близкие к теме диссертации

Д.А.Ладейщикова:

- 1) Lekht, E. E., Pashchenko, M. I., Rudnitskii, G. M., "Evolution of the H₂O maser emission in IRAS 20126+4104", Astronomy Letters, 2015, Volume 41, pp. 607-612.
- 2) Krasnov, V. V. and Lekht, E. E. and Rudnitskii, G. M. and Pashchenko, M. I. and Tolmachev, A.M., "H₂O maser flares in the source W75 N", 2015, Astronomy Letters, Volume 41, pp.517-528.
- 3) P. Colom, E. E. Lekht, M. I. Pashchenko, G. M. Rudnitskii, A. M. Tolmachev, "H₂O and OH masers associated with cold infrared sources", 2015, Astronomy Letters, Volume 41, pp.425-441.
- 4) P. Colom, E. E. Lekht, M. I. Pashchenko and G. M. Rudnitskij, "OH and H₂O maser variations in W33B", 2015, Astronomy & Astrophysics, Volume 575, id. A49, pp. 17.
- 5) O. M. Belova, K. V. Bychkov, G. M. Rudnitskii, "Cooling time of shock-heated gas in the atmospheres of Mira Ceti long-period variable stars", 2014, Astronomy Reports, Volume 58, pp. 922-927.
- 6) P. Colom, E. E. Lekht, M. I. Pashchenko, G. M. Rudnitskii, A. M. Tolmachev, "Investigation of the OH and H₂O maser emission from the semiregular variable HU puppis", 2014, Astronomy Letters, Volume 40, pp. 212-221.

- 6) Arkhipova, V. P. and Egorov, O. V. and Esipov, V. F. et al., “A family of cometary globules at the periphery of Cyg OB1: the star HBHA 3703-01 and the reflection nebula GM 2-39”, 2013, Monthly Notices of the Royal Astronomical Society, Volume 432, Issue 3, p. 2273-2283.
- 7) A. M. S. Richards, S. Etoke, M. D. Gray, E. E. Lekht, J. E. Mendoza-Torres, K. Murakawa, G. Rudnitskij and J. A. Yates, “Evolved star water maser cloud size determined by star size”, 2012, Astronomy & Astrophysics, Volume 546, id. A16, pp. 75.
- 8) Lekht, E. E. and Pashchenko, M. I. and Rudnitskii, G. M., “Long-term monitoring of the W44C (G 34.3+0.15) maser in the 1.35 cm water vapor and 18 cm hydroxyl lines”, 2012, Astronomy Reports, Volume 56, Issue 1, pp. 45-62.
- 9) Sitnik, T. G. and Egorov, O. V. and Lozinskaya, T. A. et al., “Star-forming regions at the periphery of the supershell surrounding the Cyg OB1 association - I. The star cluster vdB 130 and its ambient gas and dust medium”, 2015, Monthly Notices of the Royal Astronomical Society, Volume 454, Issue 3, p. 2486-2501.
- 10) E. E. Lekht, V. V. Krasnov, A. M. Tolmachev, “Results of a long-term monitoring of the 1.35-cm water-vapor maser source ON 1, (1981-2013)”, 2014, Astronomy Letters, Volume 40, Issue 9, pp. 551-565.
- 11) V. V. Krasnov, E. E. Lekht, A. M. Tolmachev, “Flares of H₂O maser emission from SGR B2 in 2005-2012”, 2013, Astronomy Reports, Volume 57, Issue 8, pp.567-572.
- 12) O.V. Egorov, T.A. Lozinskaya, A.V. Moiseev, “Triggered star formation in giant HI supershells: ionized gas”, 2015, Astronomical & Astrophysical Transactions, Vol. 29, Issue 1, p. 17-24.
- 13) Lekht, E. E. and Pashchenko, M. I. and Rudnitskii, G. M., “Results of Long-Term Observations of the Maser Emission Source W44C (G34.3+0.15) in the OH and H₂O Radio Lines”, 2011, eprint arXiv:1111.4961.
- 14) V. I. Slysh, M. I. Pashchenko, G. M. Rudnitskiĭ, V. M. Vitriřchak, P. Colom, “Polarization observations of the OH maser W75N on the Nançay radio telescope”, 2010, Astronomy Reports, Volume 54, Issue 7, pp. 599-610.
- 15) Rudnitskii, G. M., Pashchenko, M. I., Colom P., “Polarization observations of circumstellar OH masers”, 2010, Astronomy Reports, Volume 54, Issue 5, pp. 400-417.

Вибє Дмитрий Зигфридович

Доктор физико-математических наук, заведующий отделом физики и эволюции звезд
Института астрономии РАН, профессор РАН.

Специальность: 01.03.02 - астрофизика и звездная астрономия.

Адрес: 119017, Россия, Москва, Пятницкая ул. 48, Институт астрономии РАН

Телефон: +7(495)951-27-35

e-mail: dwiebe@inasan.ru

Публикации Д.З. Виебе, близкие к теме диссертации Д.А. Ладейщикова:

- 1) Kirsanova, M. S.; Wiebe, D. S.; Sobolev, A. M.; Henkel, C.; Tsivilev, A. P., “Physical conditions in star-forming regions around S235”, Monthly Notices of the Royal Astronomical Society, Volume 437, Issue 2, p.1593-1608 (2014).
- 2) Murga, M. S.; Khoperskov, S. A.; Wiebe, D. S., “Restructuring and destruction of hydrocarbon dust in the interstellar medium”, Astronomy Reports, Volume 60, Issue 2, pp.233-251 (2016).
- 3) Kochina, O. V.; Wiebe, D. S., “The possibility of diagnosing evolutionary stages of a protostellar object using observations of complex molecules”, Astronomy Reports, Volume 59, Issue 8, pp.762-771 (2015).
- 4) Akimkin, V. V.; Kirsanova, M. S.; Pavlyuchenkov, Ya. N.; Wiebe, D. S., “Dust dynamics and evolution in expanding H II regions. I. Radiative drift of neutral and charged grains”, Monthly Notices of the Royal Astronomical Society, Volume 449, Issue 1, p.440-450 (2015).
- 5) Khramtsova, M. S.; Wiebe, D. S.; Lozinskaya, T. A.; Egorov, O. V., “VizieR Online Data Catalog: HII complexes optical and IR emissions”, VizieR On-line Data Catalog: J/MNRAS/444/757 (2015).
- 6) Khramtsova, M. S.; Wiebe, D. S.; Lozinskaya, T. A.; Egorov, O. V., “Optical and infrared emission of H II complexes as a clue to the PAH life cycle”, Monthly Notices of the Royal Astronomical Society, Volume 444, Issue 1, p.757-775 (2014).
- 7) Kochina, O. V.; Wiebe, D. S.; Kalenskii, S. V.; Vasyunin, A. I., “Modeling of the formation of complex molecules in protostellar objects”, Astronomy Reports, Volume 57, Issue 11, pp.818-832 (2013).
- 8) Pavlyuchenkov, Ya. N.; Kirsanova, M. S.; Wiebe, D. S., “Infrared emission and the destruction of dust in HII regions”, Astronomy Reports, Volume 57, Issue 8, pp.573-585 (2013).
- 9) Akimkin, V. V.; Pavlyuchenkov, Y. N.; Vasyunin, A. I.; Wiebe, D. S.; Kirsanova, M. S.; Henning, T., “UV-controlled physical and chemical structure of protoplanetary disks”, Astrophysics and Space Science, Vol. 335, No. 1, p. 33-38 (2011).
- 10) Vasyunin, A. I.; Wiebe, D. S.; Birnstiel, T.; Zhukovska, S.; Henning, T.; Dullemond, C. P., “Impact of Grain Evolution on the Chemical Structure of Protoplanetary Disks”, The Astrophysical Journal, Volume 727, Issue 2, article id. 76, pp. (2011).

Алакоз Алексей Валерьевич

Кандидат физико-математических наук, заведующий лабораторией спектральной радиоастрономии Астрокосмического центра Физического института им. П.Н. Лебедева РАН.

Специальность: 01.03.02 - астрофизика и звездная астрономия.

Почтовый адрес: Россия, 117997, Москва, ГСП-7, Профсоюзная, 84/32.

Телефон: +7(495)333-25-12, +7(495)424-63-15

e-mail: l-sha@yandex.ru

Публикации А.В. Алакоза, близкие к теме диссертации Д.А. Ладейщикова:

- 1) Bayandina O.S., Alakoz A.V., Val'tts, I.E., «Magnetic Fields in 7 Young Stellar Objects Observed with Nançay Radio Telescope», Proceedings of the International Astronomical Union, IAU Symposium, Volume 302, pp. 38-39 (2014).
- 2) Bayandina O.S., Alakoz A.V., Val'tts, I.E., «Magnetic fields in methanol maser condensations based on data for related regions. Seven sources: Astrophysical parameters», Astronomy Reports, Volume 58, Issue 7, pp. 462-470 (2014).
- 3) Bayandina O.S., Alakoz A.V., Val'tts, I.E., «Magnetic fields in methanol maser condensations based on data for related regions. Seven sources: Observational parameters», Astronomy Reports, Volume 57, Issue 12, pp. 889-903 (2013).
- 4) Slysh, V.I., Alakoz, A.V., Migenes, V., «Evolution of the spectrum and VLBI structure of W75N during the huge OH maser flare in 2003-2007», MNRAS, Volume 404, Issue 3, pp. 1121-1128.
- 5) Alakoz, A.V., Slysh, V.I., Migenes, V., «Spectral and VLBI-structure monitoring of an OH maser flare in W75N», Astrophysical Masers and their Environments, Proceedings of the International Astronomical Union, IAU Symposium, Volume 242, p. 186-187 (2007).
- 6) Kalenskii, S.V., Alakoz, A.V., Promyslov, V.G., «A Study of Warm Clouds in the Lines of Complex Molecules», SFChem 2002: Chemistry as a Diagnostic of Star Formation, proceedings of a conference held August 21-23, 2002 at University of Waterloo, Waterloo, Ontario, Canada N2L 3G1. Edited by Charles L. Curry and Michel Fich. NRC Press, Ottawa, Canada, p. 321 (2003).
- 7) Litovchenko, I.D., Alakoz, A.V., Val'tts, I.E., Larionov, G.M., «Search for class I methanol maser emission in various types of objects in the interstellar medium», Astronomy Reports, Volume 55, Issue 12, pp.1086-1095 (2011).
- 8) Litovchenko, I.D., Alakoz, A.V., Val'tts, I.E., Larionov, G.M., «Search for class I methanol maser emission toward several supernova remnants», Astronomy Reports, Volume 55, Issue 11, pp.978-988 (2011).

- 9) Larionov, G.M., Litovchenko, I.D., Val'tts, I.E., Alakoz, A.V., «The Revised Version of Class I Methanol Maser Catalog», *The Molecular Universe, Posters from the proceedings of the 280th Symposium of the International Astronomical Union held in Toledo, Spain, May 30-June 3, 2011*, p.225 (2011).
- 10) Lyubchenko, S.Yu., Alakoz, A.V., Val'tts, I.E., Slysh, V.I., «Search for main-line OH emission toward high-latitude IRAS sources in the southern hemisphere», *Astronomy Reports*, Volume 53, Issue 6, pp. 528-540 (2009).
- 11) Alakoz, A.V., Slysh, V.I., Popov, M.V., Val'tts, I.E., «The brightest OH maser in the sky: A flare of emission in W75 N», *Astronomy Letters*, vol. 31, Issue 6, p.375-379 (2005).
- 12) Alakoz, A.V., Kalenskii, S.V., Voronkov, M.A., Slysh, V.I., «Observations of Cyanoacetylene Sources», *Astronomy Reports*, vol. 47, Issue 1, p.75-79 (2003).
- 13) Voronkov, M.A., Sobolev, A.M., Ellingsen, S., Ostrovskii, A., Alakoz, A.V., «Maser Action in Methanol Transitions», *Astrophysics and Space Science*, Volume 295, Issue 1-2, pp.217-223 (2005).