Сведения о ведущей организации

Полное и сокращенное наименование ведущей организации	Федеральное государственное бюджетное образовательное учреждение науки Институт автоматики и электрометрии Сибирского отделения Российской академии наук ИАиЭ СО РАН
Адрес	просп. Академика Коптюга , д.1, Новосибирск, 630090
Телефон	+7 (383) 330-79-69, +7 (383) 339-93-58
Адрес электронной почты	iae@iae.nsk.su, office@iae.nsk.su, director@iae.nsk.su
Адрес сайта в сети «Интернет» (при наличии)	iae.nsk.su
Список основных публикаций работников организации по теме диссертации в рецензируемых научных изданиях за последние 5 лет (не более 15)	1. S.R. Abdullina, M.I. Skvortsov, A.A. Vlasov, E.V. Podivilov, S.A. Babin. Coherent Raman lasing in a short polarization–maintaining fiber with a random fiber Bragg grating array // *Laser Phys. Lett.* – 2019. – Vol. 16, No 10. – P. 105001 (7 p.). – DOI 10.1088/1612–202X/ab3a28. 2. S.A. Babin. High–brightness all–fiber Raman lasers directly pumped by multimode laser diodes // *High Power Laser Sci. Eng*. – 2019. – Vol. 7. – P. e15 (7 p.). – DOI 10.1017/hpl.2018.76. 3. Y. Bliokh, E.I. Chaikina, I.D. Vatnik, D.V. Churkin. Temporal variation of the spectrum of a continuously pumped random fiber laser: phenomenological model // *J. Opt. Soc. Am. B.* – 2019. – Vol. 36, is. 2. – P. 408–414. – DOI 10.1364/JOSAB.36.000408 4. A.A. Wolf, A.V. Dostovalov, K. Bronnikov, S.A. Babin. Arrays of fiber Bragg gratings selectively inscribed in different cores of 7–core spun optical fiber by IR femtosecond laser pulses // *Opt. Express.* – 2019. – Vol. 27, is. 10. – P. 13978–13990. – DOI 10.1364/OE.27.013978. 5. A.V. Dostovalov, A.A. Wolf, M.I. Skvortsov, S.R. Abdullina, A.G. Kuznetsov, S.I. Kablukov, and S.A. Babin. Femtosecond-pulse inscribed FBGs for mode selection in multimode fiber lasers // *Opt. Fiber Technol.*. – 2019. – Vol. 52, is. 10. – P. 101988 (16 p.) – DOI 10.1016/j.yofte.2019.101988. 6. A. E. Budarnykh, I. A. Lobach, and S. I. Kablukov. “Self-sweeping Tm-doped fiber laser with wavelength stopping,” *Laser Phys. Lett.*, **16**, 025108 (2019) – DOI 110.1088/1612-202X/aaf804. 7. E. A. Evmenova, A. G. Kuznetsov, I. N. Nemov, A. A. Wolf, A.

V. Dostovalov, S. I. Kablukov, and S. A. Babin, "2nd-order random lasing in a multimode diode-pumped graded-index fiber," *Sci. Rep.* **8**, 17495 (2018) – DOI 10.1038/s41598-018-35767-9.

8. A. E. Budarnykh, I. A. Lobach, E. A. Zlobina, V. V. Velmiskin, S. I. Kablukov, S. L. Semjonov, and S. A. Babin, "Raman fiber laser with random distributed feedback based on a twin-core fiber," *Opt. Lett.* **43**, 567–570 (2018) – DOI 10.1364/OL.43.000567
9. A. E. Budarnykh, A. D. Vladimirskaya, I. A. Lobach, and S. I. Kablukov, "Broad-range self-sweeping single-frequency linearly polarized Tm-doped fiber laser," *Opt. Lett.* **43**, 5307–5310 (2018) – DOI 10.1364/OL.43.005307.
10. A. Yu. Tkachenko, A. D. Vladimirskaya, I. A. Lobach, and S. I. Kablukov. Michelson mode selector for spectral range stabilization in a self-sweeping fiber laser. *Opt. Lett.* **43** (7), 1558-1561 (2018) – DOI 10.1364/OL.43.001558.
11. S. A. Babin, E. A. Zlobina and S. I. Kablukov. Multimode fiber Raman lasers directly pumped by laser diodes. *IEEE J. Sel. Top. Quantum Electron.* **24** (3), 1400310 (2018) – DOI 10.1109/JSTQE.2017.2764072.
12. E. A. Zlobina, S. I. Kablukov, A. A. Wolf, A. V. Dostovalov, and S. A. Babin. Nearly single-mode Raman lasing at 954 nm in a graded-index fiber directly pumped by a multimode laser diode. *Opt. Lett.* **42** (1), 9-12 (2017) – DOI 10.1364/OL.42.000009.
13. E. A. Zlobina, S. I. Kablukov, A. A. Wolf, I. N. Nemov, A. V. Dostovalov, V. A. Tyrtyshnyy, D. V. Myasnikov, S. A. Babin. Generating high-quality beam in a multimode LD-pumped all-fiber Raman laser. *Opt. Express* **25** (11), 12581-12587 (2017) – DOI 10.1364/OE.25.012581.
14. A. Yu. Tkachenko, I. A. Lobach, S. I. Kablukov. All-fiber Brillouin optical spectrum analyzer based on self-sweeping fiber laser. *Opt. Express* **25** (15) 17600-17605 (2017) – DOI 10.1364/OE.25.017600.
15. I. A. Lobach, S. I. Kablukov, and S. A. Babin. Linearly polarized cascaded Raman fiber laser with random distributed feedback operating beyond 1.5 μm. *Opt. Lett.* **42** (18), 3526-3529 (2017) – DOI 10.1364/OL.42.003526.