

ПУБЛИКАЦИИ

1. A.Ivanenko, S.Kobtsev, S.Smirnov, A.Kemmer. Mode-locked long fibre master oscillator with intra-cavity power management and pulse energy > 12 uJ. *Optics Express*, Vol. 24, Issue 6, pp. 6650-6655 (2016).
2. S. Kobtsev, S. Smirnov and S. Kukarin. Double-scale Pulses Generated by Mode-locked Fibre Lasers and Their Applications. Chapter 4 in book "Fiber Laser" (ed. M.C.Paul), p. 69-88, InTech, 2016, ISBN: 978-953-51-4615-5
3. S.V.Smirnov, J.D.Ania-Castanon, S.Kobtsev, S.K.Turitsyn. Supercontinuum in telecom applications. Chapter 10 in book "The Supercontinuum Laser Source. The Ultimate White Light" (ed. R.R. Alfano), Springer, 2016, p. 371-403, ISBN: 978-1493933242.
4. S. Khripunov, S. Kobtsev, D. Radnatarov. Efficiency of different methods of extra-cavity second harmonic generation of continuous wave single-frequency radiation. *Applied Optics*, Vol. 55, Issue 3, pp. 502-506 (2016).
5. D.Radnatarov, S.Khripunov, S.Kobtsev, A.Taichenachev, V.Yudin, M.Basalaev, I.Popkov, V.Andryushkov. Effect of electromagnetically-induced transparency delay generated by dynamic coherent population trapping in Rbvapour. *Proc. SPIE*, v. 9763, 97630A (2016).
6. S.Smirnov, S.Kobtsev. Modelling of noise-like pulses generated in mode-locked fibre lasers. *Proc. of SPIE*, v. 9732, 97320S-1 (2016).
7. S.Kobtsev, A.Ivanenko, Y.Fedotov, S.Smirnov, A.Golubtsov, S.Khripunov. Switchable dual-pulse-shape mode-locked figure-eight all-PM fibre master oscillator with 0.5 W-level average output. *Proc. SPIE*, v. 9728, 97281M-1 (2016).
8. D.V.Churkin, S.Sugavanam, N.Tarasov, S.Khorev, S.V.Smirnov, S.M.Kobtsev, S.K.Turitsyn. Stochasticity, periodicity and localized light structures in partially mode-locked fibre lasers. *Nature Communications* 6, 7004 (2015).
9. D.Radnatarov, S.Kobtsev, S.Khripunov, V.Lunin. 240-GHz continuously frequency-tuneableNd:YVO4/LBO laser with two intra-cavity locked etalons. *Optics Express*, Vol. 23, Issue 21, pp. 27322-27327 (2015).
10. S.V.Smirnov, N.Tarasov, D.V.Churkin. Radiation build-up in laminar and turbulent regimes in quasi-CW Raman fiber laser. *Optics Express*, Vol. 23, Issue 21, pp. 27606-27611 (2015).
11. S.Kobtsev, S.Kukarin, A.Kokhanovskiy. Synchronously pumped picosecond all-fibre Raman laser based on phosphorus-doped silica fibre. *Optics Express*, Vol. 23, Issue 14, pp. 18548-18553 (2015).

12. I.I.Beterov, A.G.Markovski, S.M.Kobtsev, E.A.Yakshina, V.M.Entin, D.B.Tretyakov, V.I.Baraulya, I.I.Ryabtsev. Simple digital system for tuning and long-term frequency stabilization of a CW Ti:Sapphire laser. *Optical Engineering*, v. 54(3), 034111 (2015).