

Сведения о ведущей организации

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| Полное наименование и сокращенное наименование | Федеральное государственное автономное образовательное учреждение высшего профессионального образования «Национальный исследовательский ядерный университет «МИФИ», НИЯУ МИФИ |
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| Список основных публикаций работников ведущей организации по теме диссертации в рецензируемых научных изданиях за последние 5 лет | <ol style="list-style-type: none"> 1. D.Yu. Sergeeva, A.A. Tishchenko, M.N. Strikhanov, X-ray Diffraction and Transition Radiation from Charged Particles Bunches, Nucl. Instr. and Meth. B 309, 189-193, 2013. 2. A.A. Ponomarenko, M.I. Ryazanov, M.N. Strikhanov, A.A. Tishchenko, Terahertz Radiation from Electrons Moving through a Waveguide with Variable Radius, based on Smith-Purcell and Cherenkov Mechanisms, Nucl. Instr. and Meth. B 309, 223-225 (2013). 3. D.Yu. Sergeeva, M.N. Strikhanov, A.A. Tishchenko, UV and X-ray diffraction radiation for submicron noninvasive diagnostics, Proc. of IPAC'13, MOPME062, pp. 616-618. 4. A.A. Tishchenko, K.O. Kruchinin, D.Yu. Sergeeva, M.N. Strikhanov, Backward X-ray transition radiation from multilayered target for submicron beam diagnostics, Proc. of IPAC'13, MOPME063, pp. 619-621. 5. K.V. Lekomtsev, A.S. Aryshev, P.V. Karataev, M.V. Shevelev, A.A. Tishchenko, J. Urakawa, Simulations of transition radiation from a flat target using CST particle studio // Journal of Physics: Conference Series 517(1) 012016 (2014) 6. D.Yu. Sergeeva, A.A. Tishchenko, X-Ray Smith-Purcell Radiation from a Beam Skimming a Grating Surface, Proc. of FEL'14, TUPO13, 2014. 7. A.A. Tishchenko, D.Yu. Sergeeva, Forward X-Ray and Ultraviolet Smith-Purcell Radiation for FEL, Proc. of FEL'14, TUPO14, 2014. 8. D.Yu. Sergeeva, A.A. Tishchenko, M.N. Strikhanov, Conical diffraction effect in optical and x-ray Smith-Purcell radiation, Phys. Rev. ST AB 18, 052801 (2015). 9. D.Yu. Sergeeva, A.A. Tishchenko, M.N. Strikhanov, XUV Cherenkov and Diffraction radiation from femtosecond electron bunch, Proc. of SPIE 2015 9509, 95090R-1 (2015). 10. A.A. Tishchenko, D.Yu. Sergeeva, M.N. Strikhanov, Coherent effects in backward EUV and X-Ray Transition Radiation of a bunch of electrons from thin wires, Proc. of SPIE 2015 9509, 95090Q-1 (2015). 11. D.Yu. Sergeeva, A.A. Tishchenko, M.N. Strikhanov, Influence of beam divergence on form-factor in X-ray diffraction radiation, Nucl. Instr. and Meth. B 355, 175-179 (2015). 12. D.Yu. Sergeeva, A.A. Tishchenko, M.N. Strikhanov, Conical effect in diffraction radiation, Nucl. Instr. and Meth. B 355, 155-159 (2015). 13. A.A. Ponomarenko, K.V. Lekomtsev, A.A. Tishchenko, M.N. Strikhanov, J. Urakawa CST simulation of THz radiation from a channel with periodically variable radius, Nucl. Instr. and Meth. B 355, 160-163 (2015). |

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| | <p>14. K. Lekomtsev, P. Karataev, A.A. Tishchenko, J. Urakawa, CST simulations of THz Smith–Purcell radiation from a lamellar grating with vacuum gaps, Nucl. Instr. and Meth. B 355, 164-169 (2015).</p> <p>15. A.Yu. Savchenko, A.A. Tishchenko, M.I. Ryazanov, M.N. Strikhanov, Parametric X-ray radiation from composite bunches, Nucl. Instr. and Meth. B 355, 135-139 (2015).</p> |
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