

## CURRICULUM VITAE

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### EDUCATION:

- 2004–2009 Belarusian State University, Physical Faculty, Department of Laser Physics.
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### PUBLICATIONS

#### Papers:

1. J. Macutkevic, P. Kuzhir, D. Seliuta, G. Valusis, J. Banys, A. Paddubskaya, D. Bychanok, G. Slepian, S. Maksimenko, V. Kuznetsov, S. Moseenkov, O. Shenderova, A. Mayer and Ph. Lambin, Dielectric properties of a novel high absorbing onion-like-carbon based polymer composite, **Diam Rel Mat**, Volume 19, Issue 1, January 2010, Pages 91-99, DOI: 10.1016/j.diamond.2009.11.011.
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3. P. Kuzhir, A. Paddubskaya, D. Bychanok, G. Slepian, S. Maksimenko, J. Macutkevic, D. Seliuta, G. Valusis, J. Banys, V. Kuznetsov, S. Moseenkov, O. Shenderova and Ph. Lam-bin, Electromagnetic response of polymer composites with quasi-spherical nanocarbon in-clusions: theory below the percolation threshold, *Journal of Polymer Engineering*, 31, 167-173 (2011) DOI 10.1515/POLYENG.2011.037
4. D. S. Bychanok, M. A. Kanygin, A. V. Okotrub, M. V. Shuba, A. G. Paddubskaya, A. O. Plyushch, P. P. Kuzhir, S. A. Maksimenko, Anisotropy of the Electromagnetic Properties of Polymer Composites Based on Multiwall Carbon Nanotubes in the Gigahertz Frequency Range, *JETP Letters*, 93 (10), 607–611 (2011)
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6. P.Kuzhir, V. Ksenevich, A. Paddubskaya, T. Veselova, D. Bychanok, A. Pliyshch, A. Nemilensau, M. Shuba, S. Maksimenko, L. Coderoni, F. Micciulla, I. Sacco, G. Rinaldi, S. Belluci, CNT based Epoxy Resin composites for conductive applications, *Nanoscience and Nanotechnology Letters*, 3 (6), P. 889-894, 2011

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8. A. Paddubskaya, D. Bychanok, A. Plyushch, P. Kuzhir, A. Nemilentsau, S. Maksimenko, S. Bellucci, L. Coderani, F. Micciulla, I. Sacco, G. Rinaldi, J. Macutkevic, D. Seliuta, G. Valusis, J. Banys. Epoxy Resin/SWCNT shielding paint for super-high-frequency ranges, *Journal of nanoelectronics and optoelectronics*, Vol. 7, 81-86, 2012.
9. A. Paddubskaya, P. Kuzhir, V. Kuznetsov, I. Mazov, S. Moseenkov, A. Ishchenko, A. Romanenko, O. Anikeeva, T. Buryakov, CNT/PMMA electromagnetic coating: effect of carbon nanotubes diameter, *Fullerenes Nanotubes and Carbon Nanostructures*, 20 (4-7), 527-530, 2012.
10. A. Pliushch, A. Paddubskaya, P. Kuzhir, S. Maksimenko, L. Coderoni, F. Micciulla, I. Sacco, S. Bellucci, Nanocarbon modified epoxy resin and microwaves, *Fullerenes Nanotubes and Carbon Nanostructures*, 20 (4-7), 496-501, 2012.
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16. M.V. Shuba, A.V. Melnikov, A.G. Paddubskaya, P.P. Kuzhir and S.A. Marsimenko. Role of finite-size effects in the microwave and subterahertz electromagnetic response of multiwall carbon-nanotube-based composite: Theory and interpretation of experiments. *Phys. Rev. B*. 88, 045436 (2013).
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methacrylate) composites, *Nanoscience and Nanotechnology Letters*, Volume 5, Number 11, November 2013, pp. 1201-1206(6)

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40. R. Kotsilkova, P. Todorov, E. Ivanov, T. Kaplas, Y. Svirko, A. Paddubskaya, P. Kuzhir, Mechanical properties investigation of bilayer graphene/poly(methyl methacrylate) thin films at macro, micro and nanoscale, *Carbon*, V. 100, 355-366, 2016.
41. A. Paddubskaya, N. Valynets, P. Kuzhir, K. Batrakov, S. Maksimenko, R. Kotsilkova, H. Velichkova, I. Petrova, I. Biró, K. Kertész, G. I. Márk, Z. E. Horváth, and L. P. Biró, Electromagnetic and thermal properties of three-dimensional printed multilayered nano-carbon/poly(lactic) acid structures, *J. Appl. Phys.* 119, 135102 (2016).