

CURRICULUM VITAE

PERSONAL DATA:

Name: Marina A. Yakovleva
Date of Birth 7th of August, 1994
Place of Birth Republic of Belarus
Nationality: Republic of Belarus
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Home address: Timiryazeva str. 92-22, Minsk, Belarus, 220020
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Position: Junior researcher assistant
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EDUCATION:

- M. Sc. in Physics, 2016 - Present, Belarus State University, Physical Department, Minsk, Belarus. Subject of examination: atomic physics and physical informatics.
- 2011 – 2016, Belarus State University, Physical Department, Minsk, Belarus. Subject of examination: atomic physics and physical informatics.

EXPERIENCE:

Department of Computer Modeling of Physical Faculty, Belarus State University, Minsk, Belarus

2014 – 2015 (Assistant)

Institute for Nuclear Problems, Belarus State University, Minsk, Belarus

2014 – Present (Junior research assistant of Laboratory of NanoElectroMagnetism)

Specialization (*specify*)

- (i) **main field** interaction electromagnetic waves with condensed matter
- (ii) **current research interest** investigations of electromagnetic properties of graphene heterostructures

AWARDS

The best graduate of the Faculty of Physics 2016.

INTERNATIONAL PROGRAMMES

Participation in the Erasmus+ International Credit Mobility programme at the University of Namur's Faculty of Science during a five-month period from Nov 8, 2016 to April 7, 2017.

PUBLICATIONS

1. Yakovleva M., Golubeva E., Shuba M., The use of Raman spectroscopy for visualization carbon nanotubes in cells, Proceedings of the 71st Scientific Conference of Students and PhD students of the Belarusian State University, 2014 Minsk, Belarus, Vol. 1, pp. 176-179.
2. Yakovleva M., Bychanok D., Ivanov E., Petrova I., Kotsilkova R., The electromagnetic properties of the three-phase polymer composites based on carbon nanotubes mnogostennnyh in the microwave frequency range, Proceedings of the IV Republican scientific conference of students, Master students and PhD students "Actual problems of physics and engineering", 2015, Gomel Belarus Vol.1, pp. 132-135.

ABSTRACTS

1. Bychanok D., Yakovleva M., Kuzhir P., Ksenevich V., Kostikova R. Broadband electromagnetic characterization of ternary polypropylene-MWCNT-clay composites, Fundamental and Applied NanoElectroMagnetics, book of abstracts, 2015, Minsk, Belarus, p. 64-64
2. Yakovleva M. Absorption enhancing of electromagnetic wave in graphene by periodic grating Open Readings 2016.59th Scientific Conference for Students of Physics and Natural Sciences 2016 Vilnius Lithuania c. 232

SELECTED REPORTS

1. “Methods of enhancing of electromagnetic radiation absorption in graphene”, the 7th International scientific conference "Materials and structures of modern electronics", Department of physics of semiconductors and nanoelectronics of BSU, Minsk, Belarus, October, 12-13, 2016.
2. “Increased absorption of electromagnetic radiation in graphene in a diffraction of waves on a periodic medium. The case of the diffraction grating”, IX International Scientific Conference “Fullerenes and Nanostructures in Condensed Matter”, A.V. Luikov Heat and Mass Transfer Institute of the National Academy of Sciences of Belarus, Minsk, Belarus, September, 6-9, 2016.