

CURRICULUM VITAE

Oleksandr Zaiets

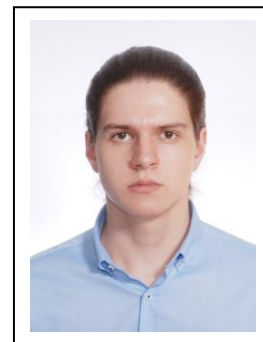
Address: Ukraine, Kyiv, Mykoly Mateyuka Street 5-A

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Sex: Male

Marital Status: Single

Nationality: Ukrainian



Interests:

I am interested in physics in general and in physics of nanomagnetism in particular. I see myself in a theoretical research.

Education:

Name of educational institution: Taras Shevchenko National University of Kyiv

Faculty, specialty: Faculty of Radiophysics, Electronics and Computer Systems, Applied Physics

Status: Bachelor in Applied Physics

Grade Point Average: 95 on the 100-point grade system

Period: from 2017 till 2021

Name of educational institution: Kyiv Academic University

Departments, specialty: Theoretical and Mathematical Physics at the Bogolyubov Institute for Theoretical Physics of the National Academy of Sciences of Ukraine, Physics and astronomy

Status: Master Student in Physics

Grade Point Average: not yet evaluated

Period: from 2021 till present

Research Experience:

December, 2018 – Present Research in Theory of Magnetism (RiTM) Group, Faculty of Radio Physics, Electronics and Computer Systems, Taras Shevchenko National University of Kyiv; Bogolyubov Institute for Theoretical Physics of the National Academy of Sciences of Ukraine, Kyiv, Ukraine. **Supervisor: Prof. Denis D. Sheka**(sheka@knu.ua).

February 25 – March 23, 2019 I participated in joint research at the Helmholtz-Zentrum Dresden-Rossendorf (HZDR). My stay was a part of the project "German-Ukrainian Center for Large-Scale Experiments" ("Deutsch-Ukrainisches Zentrum für Großversuche"), funded by the Federal Ministry of Education and Research (grant: 01DK17007).

Proceedings of Scientific Conferences:

Zaiets O., Sheka D., Kravchuk V., Makarov D.

Circular Stripe Domains Imprinted into the Out-of-Plane Magnetised Material

IEEE International Conference on "Nanomaterials: Applications & Properties" (NAP-2020), Sumy, Ukraine, November 9-13, 2020, Online meeting

URL: <https://nap.sumdu.edu.ua/index.php/nap/nap2020/paper/view/3474>

Zaiets O., Sheka D., Kravchuk V., Makarov D.

Circular stripe domains in a vertically stacked magnetic heterostructures

XI Conference of Young Scientists "Problems in Theoretical Physics", 21-23 December 2020, Online meeting, P. 58-59

URL: <https://indico.bitp.kiev.ua/event/7/book-of-abstracts.pdf>

O. Zaiets, V. P. Kravchuk, D. D. Sheka, D. Makarov

Circular stripe domains in magnetic heterostructures of cylindrical geometry

Curvilinear Condensed Matter: Fundamentals and Applications 717. WE-Heraeus-Seminar 24 - 26 June 2021, Online meeting, P. 63

URL: <https://www.we-heraeus-stiftung.de/veranstaltungen/seminare/2021/curvilinear-condensed-matter-fundamentals-and-applications/program/>

Other Achievements:

May 29, 2018 Cisco Networking Academy course "CPA: Programming Essentials in C++".

May 22-23, 2019 Participation in organization of International Workshop «Curvilinear Magnetism», located in Kyiv, Ukraine.

Language Skills:

Ukrainian: Fluent (Native language)

English: Good (IELTS Score 7.0, 06.02.2021)

Russian: Fluent

Technical Skills:

Programming languages knowledge: C/C++, C#(Basic level)

Scientific packages knowledge: Wolfram Mathematica, LaTeX

Hobbies:

Basketball, reading books
