

Anastasiia Iosimovska
(CV updated 27/05/2024)

Date of birth: June 8, 2001

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Education:

- 2023 – Present **Skolkovo Institute of Science and Technology**
Materials Science Department, Master's program
- 2023 – 2024 **Lomonosov Moscow State University** – first year of a Master's
program in Geology, Department of Crystallography and Crystal
Chemistry
- 2019 – 2023 **Lomonosov Moscow State University** – Bachelor's Degree in
Geology, Department of Crystallography and Crystal Chemistry
GPA: 4.74/5.0 (5 - the highest mark)

Laboratory experience:

- 2021 – Present **Materials Discovery Laboratory, Skolkovo Institute of Science
and Technology (Head - Artem R. Oganov)**
- “Crystal chemical characteristics of atoms with high pressures and their influence on the character
of chemical bonding in the phases of the Earth's mantle” (2021– 2022)
- “Thermodynamic Stability and Ionic Conductivity in Lithium-Germanium Binary System” (2023
– 2024)
- 2022 – 2023 **Laboratory of New Materials for Solar Energy, Faculty of
Materials Science, M.V. Lomonosov Moscow State University**
- “Theoretical assessment of chloride ion influence on grain growth of hybrid perovskites”

Internships and educational practice:

- 2022: Russian Academy of Sciences, Institute of Experimental
Mineralogy (IEM RAS)
- Russian Academy of Sciences, A.V. Shubnikov Institute of
Crystallography, laboratory of Mössbauer spectroscopy
- Russian State Geological Prospecting University named after Sergo
Ordzhonikidze (MGRI RSUH) at the Department of Mineralogy
and Gemmology
- M.V. Lomonosov Moscow State University, at the Faculty of
Materials Science, in the laboratory for New Materials
for Solar Energy.

Conferences:

- 2023: Lomonosov student conference, Moscow, Russia – **oral report**
“Crystal chemical characteristics of atoms with high pressures and their influence on the character of chemical bonding in the phases of the Earth’s mantle”
- 2022: Modern Trends in Computational Materials Discovery (21st USPEX workshop), Isfahan University of Technology (IUT), Isfahan, Iran – **tutor and poster present**
- Day of scientific creativity at the Moscow State University – **winner's certificate**
- All-Russian annual workshop on experimental mineralogy, petrology and geochemistry in Institute of Geochemistry and Analytical Chemistry, Russian Academy of Sciences, Moscow, Russia – **poster**

Skills:

- **Languages:** Russian, English
- **Computer skills:** Linux, Python
- **Packages and programs:** USPEX, VASP, GULP, Phonopy

Publications:

- Anastasiia V. Iosimovska, Alexey P. Maltsev, Ilya V. Chepkasov, Artem R. Oganov, “Thermodynamic Stability and Ionic Conductivity in Lithium-Germanium Binary System” – <https://doi.org/10.1063/5.0208577>
- Marchenko E.I., Belich N.A., Iosimovska A., Misyutin V., Goodilin E.A., Tarasov A.B., “Theoretical assessment of chloride ion influence on grain growth of hybrid perovskites” accepted in journal “Mendeleev Communications” – <https://doi.org/10.1016/j.mencom.2024.04.004>
- Изучение природных клинкеров Восточной Монголии из комплекса Хамарин-Хурал-Хид, Йосимовска А.В., Чевычелов В.Ю. в сборнике XIII-я Всероссийская школа молодых ученых "Экспериментальная минералогия, петрология и геохимия": Сборник материалов, ИЭМ РАН, Черноголовка, с. 38-39