

# Alexey Barsukov

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<b>EDUCATION</b>	<b>Université Clermont Auvergne</b> , Aubière, France <ul style="list-style-type: none"><li>▪ M.S. in Informatics Sep 2017 – Jul 2018</li></ul> <b>Higher School of Economics</b> , Moscow, Russia <ul style="list-style-type: none"><li>▪ M.S. in Applied Mathematics and Informatics Sep 2016 – Nov 2018</li><li>▪ B.S. in Mathematics Aug 2012 – Jun 2016</li></ul> <b>School 57</b> , Moscow, Russia <ul style="list-style-type: none"><li>▪ Sep 2009 – Jun 2012</li></ul>
<b>RESEARCH EXPERIENCE</b>	<b>Charles University</b> , Prague, Czechia <ul style="list-style-type: none"><li>▪ PostDoc at ERC Grant POCOCOP May 2023 – Apr 2026</li></ul> <b>IUT Sénart-Fontainebleau</b> , Fontainebleau, France <ul style="list-style-type: none"><li>▪ ATER Sep 2022 – Aug 2023</li></ul> <b>Université Clermont Auvergne</b> , Aubière, France <ul style="list-style-type: none"><li>▪ Ph.D. in Informatics Dec 2018 – Dec 2022</li></ul>
<b>TEACHING EXPERIENCE</b>	<b>Charles University</b> , Prague, Czechia <ul style="list-style-type: none"><li>▪ Algebra (Lectures) 2025</li><li>▪ Convex Optimization (Seminars) 2024</li></ul> <b>IUT Sénart-Fontainebleau</b> , Fontainebleau, France <ul style="list-style-type: none"><li>▪ Programming in C (Practicals) 2022</li><li>▪ Programming in Java (Practicals) 2022</li><li>▪ Database theory (Seminars, Practical) 2022</li></ul> <b>Université Clermont Auvergne</b> , Clermont-Ferrand, France <ul style="list-style-type: none"><li>▪ Logic (Practicals) 2020, 2021</li><li>▪ Numerical Algorithms (Seminars) 2019, 2020</li><li>▪ Game Theory (Practicals) 2020</li><li>▪ Programming in C (Practicals) 2020</li><li>▪ Algorithms (Seminars) 2020</li></ul>
<b>EVENTS ORGANIZED</b>	<ul style="list-style-type: none"><li>▪ Summer School on Algebra and Ordered Sets 2025</li></ul>
<b>PUBLICATIONS</b>	<b>JOURNALS</b> <ol style="list-style-type: none"><li>1) with F. Madelaine, <i>On Guarded Extensions of MMSNP</i>, Logical Methods in Computer Science, Volume 21, Issue 4 (2025)</li><li>2) with M. M. Kanté, <i>Generalisations of Matrix Partitions: Complexity and Obstructions</i>, Theoretical Computer Science, Volume 1007 (2024), Article 114652</li></ol> <b>CONFERENCES</b> <ol style="list-style-type: none"><li>1) with M. Pinsker, J. Rydval, <i>Containment for Guarded Monotone Strict NP</i>, ICALP 2025</li><li>2) with F. Madelaine, <i>On Guarded Extensions of MMSNP</i>, CiE 2023</li></ol> <b>PREPRINTS</b> <ol style="list-style-type: none"><li>1) with A. Mottet, D. Perinti, <i>Edge-coloring problems with forbidden patterns and planted colors</i></li><li>2) with B. Roy, <i>Maximum cut on interval graphs of interval count two is NP-complete</i></li></ol>
<b>LANGUAGES</b>	<ul style="list-style-type: none"><li>▪ Russian: Native</li><li>▪ English: Fluent (C1)</li></ul>

- French: Fluent (B1)
- Czech: Basic (A2)

[CV compiled on January 6, 2026 ]