University Academic Curriculum Vitae

Personal information	Anton Gnatenko
Education since leaving school	• 2019, Bachelor of Applied Mathematics and Computer Science (Moscow State University) • 2021, Master of Applied Mathematics and Computer Science (Higher School of Economics)
Present appointment	• PhD Student in Computer Science • November 1, 2021 • Free University of Bozen-Bolzano • Doing research and completing a PhD thesis
Experience in academic teaching	• 2023-2025, Teaching Assistantship in courses “Probability Theory and Statistics” and “Data Structures and Algorithms”, Free University of Bozen-Bolzano

Publications

Alessandro Artale, Anton R. Gnatenko, Vladislav Ryzhikov, and Michael Zakharyaschev 2025. On Deciding the Data Complexity of Answering Linear Monadic Datalog Queries with LTL Operators. In 28th International Conference on Database Theory, ICDT 2025, March 25-28, 2025, Barcelona, Spain (pp. 31:1–31:19). Schloss Dagstuhl - Leibniz-Zentrum für Informatik.

Alessandro Artale, Anton R. Gnatenko, Vladislav Ryzhikov, and Michael Zakharyaschev 2025. On Deciding the Data Complexity of Answering Linear Monadic Datalog Queries with LTL Operators(Extended Version). CoRR, abs/2501.13762.

Alessandro Artale, Anton R. Gnatenko, Vladislav Ryzhikov, and Michael Zakharyaschev 2024. On Deciding the Data Complexity of Answering Linear Monadic Datalog Queries with LTL Operators (Extended Abstract). In Proceedings of the 37th International Workshop on Description Logics (DL 2024), Bergen, Norway, June 18-21, 2024. CEUR-WS.org.

Anton R. Gnatenko, Oliver Kutz, and Nicolas Troquard 2024. Modelling and Mining Knowledge About Computational Complexity. In Knowledge Engineering and Knowledge Management - 24th International Conference, EKAW 2024, Amsterdam, The Netherlands, November 26-28, 2024, Proceedings (pp. 453–470). Springer.

Anton R. Gnatenko, Oliver Kutz, and Nicolas Troquard 2024. Building an ontology of computational complexity. In Proceedings of the Joint Ontology Workshops (JOWO) - Episode X: The Tukker Zomer of Ontology, and satellite events co-located with the 14th International Conference on Formal Ontology in Information Systems (FOIS 2024), Enschede, The Netherlands, July 15-19, 2024. CEUR-WS.org.

Alessandro Artale, Anton R. Gnatenko, Vladislav Ryzhikov, and Michael Zakharyaschev 2023. A Decidable Temporal DL-Lite Logic with Undecidable First-Order and Datalog-rewritability of Ontology-Mediated Atomic Queries (Extended Abstract). In Proceedings of the 36th International Workshop on Description Logics (DL 2023) co-located with the 20th International Conference on Principles of Knowledge Representation and Reasoning and the 21st International Workshop on Non-Monotonic Reasoning (KR 2023 and NMR 2023)., Rhodes, Greece, September 2-4, 2023. CEUR-WS.org.

Anton R. Gnatenko, and Vladimir A. Zakharov 2022. Satisfiability and Model Checking for One Parameterized Extension of Linear Temporal Logic. Autom. Control. Comput. Sci., 56(7), p.649–660.

Anton R. Gnatenko, and Vladimir A. Zakharov 2021. On the Model Checking Problem for Some Extension of CTL. Autom. Control. Comput. Sci., 55(7), p.776–785.

Anton R. Gnatenko, and Vladimir A. Zakharov 2019. On the Expressive Power of Some Extensions of Linear Temporal Logic. Autom. Control. Comput. Sci., 53(7), p.663–675.

Language competence

English: C1, Italian: B1, Russian: mother tongue

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