CURRICULUM VITAE

Matea Jelić was born in Split. She graduated from the III. High school in Split in 2012 and in the same year she enrolled in the undergraduate study programme in Mathematics at the Faculty of Science, University of Split which she completed in 2015 by defending her final thesis *Masche's theorem* under the mentorship of Assoc. Ph.D. Gordan Radobolja. She completed her graduate study programme in Mathematics –specialisation in Pure Mathematics, in 2017, and thus obtained the title of master of mathematics, by defending her thesis *Mathematical basis of neural networks* under the mentorship of Assoc. Ph.D. Ivo Ugrina. During her studies, she received two Rector's awards for excellence and two Dean's awards. In December 2018, after being employed at the Faculty of Civil Engineering, Architecture and Geodesy, University of Split she enrolled in the doctoral programme in Mathematics at the Mathematics Department of the Faculty of Science, University of Zagreb. She has defended her doctoral thesis *Computability of generalized graphs* in September, 2023 under the mentorship of Prof. Ph.D. Zvonko Iljazović. She is a member of the Topological Seminar in Split. She was a member of the project *Computable Structures, Decidability and Complexity* of the Croatian Science Foundation from October 1, 2018 to September 30, 2022.

She participated in the following scientific gatherings and conferences:

- **20th International Conference on Computability and Complexity in Analysis 2023 (CCA 2023)**, September 7-9, 2023, Dubrovnik, Croatia - presentation on *Computability of generalized graphs*
- **Seventh Croatian Mathematical Congress**, June 15-18, 2022, Split, Croatia - poster entitled *Computability of chainable graphs*
- **16th International Conference on Computability and Complexity in Analysis 2019 (CCA 2019)**, July 8-11, 2019, Zagreb, Croatia - *presentation on Computability of spaces with attached arcs*
- **16th International Conference on Computability and Complexity in Analysis 2019 (CCA 2019)**, July 8-11, 2019, Zagreb, Croatia - member of the organizing committee
- **15th International Conference on Computability and Complexity in Analysis 2018 (CCA 2018)**, August 5-11, 2018, Lake Kochel, Germany - participation

She is the co-author of three scientific articles which have been published or accepted for publication:

- Iljazović, Zvonko; **Jelić, Matea**: Computable approximations of a chainable continuum with a computable endpoint // Archive for mathematical logic, 63 (2024), 1-2; 181-201. doi: 10.1007/s00153-023-00891-5
- Iljazović, Zvonko; **Jelić, Matea**: Computability of sets with attached arcs // Mathematical communications, 29 (2024), 1; 1-19
- Iljazović, Zvonko; **Jelić, Matea**: Computability of chainable graphs // Rad Hrvatske akademije znanosti i umjetnosti. Razred za matematičke, fizičke i kemijske znanosti. Matematičke znanosti, (2024)

CroRIS: https://www.croris.hr/osobe/profil/34808