

Curriculum Vitae

Ábel Komálovics



Personal information:

Birth: Győr, 1999.12.21.
Parents: Ágnes Lengyel and Zoltán Komálovics
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Studies:

- 2018-2023:** Budapest University of Technology and Economics (BUTE) BSc and MSc in Mathematics
- 2018-:** Member of the Wigner Jenő Vocational College
- 2021:** BSc diploma with award, title of thesis: *Operator monotone and operator convex functions and applications*, supervisor: József Pitrik
- 2023:** Pure mathematician diploma with award with a 4.94 accumulated credit index, title of thesis: *A one parameter extension of the Bures and Hellinger distances, and trace characterizations*, supervisor: Lajos Molnár
- Acceptance to the PhD school of mathematics of the University of Szeged
- 2024:** Continuation of studies at the PhD school of mathematics of BUTE under the supervision of Péter Bálint, topic: dynamical systems and ergodic theory.

Conference and summer school participations:

- *PDE Tasting* spring school about chaotic fluid dynamics, Leipzig (2023)
- YMC*A conference, Leuven (2023)
- *School on probabilistic aspects of hyperbolic dynamical systems*, Budapest (2024)
- *Workshop on statistical properties of chaotic dynamics in and out of equilibrium*, Budapest (2024)

Achievements:

- Second place at the analysis and stochastics section of the National TDK (2023)
- A paper joint with supervisor Lajos Molnár titled *On a parametric family of distance measures that includes the Hellinger and the Bures distances* appeared in *J. Math. Anal. Appl.* The paper includes the results from the TDK thesis (2023)
- Excellent student of the faculty of the year 2023
- Grant of Móricz Ferenc PhD foundation
- Rényi Kató award of the Bolyai János Mathematical Society (2023)

Spare time interests:

I play the classical guitar. I am keen on jazz and classical music, painting and graphics, and the culinary arts. I play tennis, squash, do calisthenics and enjoy table soccer and billiard. I like hiking in the High Tatras. I practice the art of bonsai as well.