

Curriculum Vitae

PERSONAL

Name: **Gergely Székely**
Date of birth: 3rd October 1979
Citizenship: Hungarian
Webpage: <http://www.renyi.hu/~turms/>

EDUCATION

2010 PhD (in mathematics), Eötvös Loránd University, Budapest
Title: *First-Order Logic Investigation of Relativity Theory*
Advisers: Hajnal Andréka and Judit X. Madarász
2004-2007 PhD school, Eötvös Loránd University, Budapest
2004 M.Sc. diploma (mathematician), Eötvös Loránd University, Budapest
Title: *A First Order Logic Investigation of the Twin Paradox and Related Subjects*
Advisers: István Németi and Judit X. Madarász
1998-2004 Eötvös Loránd University, Budapest

EMPLOYMENT

2018- Senior Research Fellow at Alfréd Rényi Institute of Mathematics
2018- Associate Professor at University of Public Service
2010-2018 Research Fellow at Alfréd Rényi Institute of Mathematics
2009-2018 Assistant Professor at University of Public Service
2008-2010 Assistant Research Fellow at Alfréd Rényi Institute of Mathematics
2008-2009 External Lecturer at Zrínyi Miklós University of National Defence
2007-2009 External Lecturer at Technical University of Budapest

LANGUAGE SKILL

Hungarian mother tongue
English intermediate level
Italian elementary level
Esperanto advanced level

RESEARCH

Since 2003, I have been doing research on Logical Foundations of Relativity Theory in the Algebraic Logic Research Division of Alfréd Rényi Institute of Mathematics.

Supporting grants:

2020-2024 NKFIH FK-134732 (Principal investigator)
2015-2016 Royal Society International Exchanges Scheme, IE110369
2011-2014 OTKA PD-84093 (Principal investigator)
2010-2014 OTKA K-81188 (Investigator)
2008-2010 OTKA K-73601 (Investigator)

I have 47 scientific publications in total. 1 edited book, 6 book chapters and 28 papers in high quality peer reviewed international journals, such as *Annals of Pure and Applied Logic*, *Review of Symbolic Logic*, *Reports on Mathematical Physics*, *International Journal of Theoretical Physics*, *Foundations of Physics*, and *Classical and Quantum Gravity*.

Hirsch index: 10

CONFERENCE ORGANIZATION

- 2024 6th World Logic Day, 12 January, Pécs, Rényi Institute & MTA PAB.
- 2023 5th World Logic Day, 13 January, Budapest, MTA PAB & Rényi Institute.
- 2022 Tarskian Algebraic Logic, Relativity Theory and Methodology of Science, online, Sept.15–17, Rényi Inst.
- 2021 3rd World Logic Day, 14 January, online, Rényi Institute & ELTE.
- 2021 Logic, Relativity and Beyond 4th conference, online, July 14–17, Rényi Institute.
- 2020 2nd World Logic Day, 14 January, Budapest, ELTE & Rényi Institute.
- 2017 Logic, Relativity and Beyond 3rd conference, August 23–27, Rényi Institute.
- 2016 Advances in Modal Logic 2016, Budapest, 30 August – 1 September, CEU.
- 2015 Logic, Relativity and Beyond, 2nd international conference, Budapest, August 9–13, Rényi Institute.
- 2012 First International Conference on Logic and Relativity, Budapest, September 8–12, Rényi Institute.

TEACHING

Budapest Semesters in Mathematics:

2024 Mathematical Logic

University of Public Service / Zrínyi Miklós University of National Defence:

2008– Mathematics I, Mathematics M II, Mathematics M III, Mathematics MKE IV,
Applied Mathematics, Probability theory, etc. (in Hungarian)

Eötvös Loránd University:

2021 Logical Foundations of Relativity Theories

2015 Logical Foundations of General Relativity

2013 Logical Foundations of Special Relativity

2011–2012 Introduction to algebra

2005–2006 Mathematical Analysis (in Hungarian)

Technical University of Budapest:

2007–2009 Mathematics A1b, Mathematics A2b, Mathematics A3 (in Hungarian)

Advising

- I am the PhD supervisor of Péter Juhász at Eötvös Loránd University.
- I am the PhD supervisor of Attila Molnár at Eötvös Loránd University.
- I have supervised 4 students participating in Conferences of Student's Scholarly Circles.
- I was the PhD co-supervisor (together with Jean Paul Van Bendegem) of Koen Lefever who defended his PhD thesis in 2017 at Vrije Universiteit Brussel.