

# Curriculum Vitae

Pach Péter Pál

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## Personal Data

**Name:** Pach Péter Pál

**Place of birth:** Budapest

**Date of birth:** 30 December 1985

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## Studies

**2009–2012:** PhD in Theoretical Mathematics, ELTE TTK

**2004–2009:** MSc in Mathematics, ELTE TTK

**1998–2004:** Mihály Fazekas High School, Special Mathematics Class, Budapest

## Affiliation

**2012–2013** Department of Computer Science and Information Theory, Budapest University of Technology and Economics, assistant lecturer

**2013–** Department of Computer Science and Information Theory, Budapest University of Technology and Economics, assistant professor

## Teaching

**2006–2013** Eötvös Loránd University (ELTE)

**2012–** Budapest University of Technology and Economics (BME)

**2012–** Budapest Semesters in Mathematics (BSM)

**2015–** Aquincum Institute of Technology (AIT)

## Talks

1. ELTE, Finite Geometry Seminar, 2016
2. Rényi Institute, Combinatorics Semminar, 2016
3. Rényi Institute, Number Theory Semminar, 2016
4. Conference on elementary and analytic number theory, Strobl am Wolfgangsee, 2016
5. Combinatorial and Additive Number Theory, New York, 2016
6. Additive Combinatorics in Bordeaux, 2016
7. Combinatorial and Additive Number Theory, Graz, 2016
8. 9th Hungarian-Japanese Symposium on Discrete Mathematics and its Applications, Fukuoka, 2015
9. Summit:240 Conference, Budapest, 2014

10. International colloquium on graph theory and combinatorics, Grenoble, 2014
11. BME, SZIT Seminar, 2012
12. ELTE, Algebra Seminar, 2011
13. Paul Turán Memorial Conference, Budapest, 2011
14. Artic Number Theory School, Helsinki, 2011
15. International Congress of Mathematicians (Poster section), Hyderabad, India, 2010
16. Number Theory and its Applications, Debrecen, 2010
17. Summer School on General Algebra and Ordered Sets, Malenovice, 2010
18. International Conference on Algebras and Lattices, Prague, 2010
19. Combinatorics, Groups, Algorithms, and Complexity, Columbus, Ohio, 2010
20. ELTE, Algebra Seminar, 2009

## Prizes

1. János Bolyai Research Scholarship (2015-2018)
2. Géza Grünwald Medal (2015)
3. Erdős Pál Young Researcher Scholarship (2014)
4. Honourable Mention of the Dean (2013)
5. Sport and Education Scholarship (2011)
6. International Mathematics Competition for University Students, First prize, member of the winning team of ELTE (Blagoevgrad, 2008)
7. Excellent Student of the Faculty Award (2008)
8. Vojtěch Jarník International Mathematical Competition, 8th place (Ostrava, 2008)
9. Miklós Schweitzer Memorial Competition, honourable mention (2007)
10. International Mathematics Competition for University Students, First prize, member of the winning team of ELTE (Blagoevgrad, 2007)
11. Fellowship granted by the Republic of Hungary (2007-2008)
12. Miklós Schweitzer Memorial Competition, Third Prize
13. International Mathematics Competition for University Students, First prize (Odessa, 2006)
14. Vojtěch Jarník International Mathematical Competition, 4th place (Ostrava, 2006)
15. Operation Research Competition, First Prize (2005)
16. Miklós Schweitzer Memorial Competition, honourable mention (2005)
17. International Mathematics Competition for University Students, First prize (Blagoevgrad, 2005)
18. Fazekas Medal of Honour (2004)
19. International Mathematical Olympiad, First Prize (Athens, 2004)
20. International Mathematical Olympiad, Second Prize (Tokyo, 2003)

## **Research projects**

1. OTKA PD115978 Applications of Combinatorics in Multiplicative Number Theory (2015-2018), principal investigator
2. OTKA K108947 Optimization Methods for Cloud Computing and Communications (2013-2017), investigator
3. OTKA NK67867 Discrete and Continuous: interfaces between graph theory, algebra, analysis and geometry (2007-2010), investigator

## **Role in Scientific Community**

1. 2005– member of the Editorial Board of Kömal
2. 2009– member of the Kürschák Competition Committee
3. 2014– member of the Hungarian National Mathematical Olympiad (OTKV) Committee

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