

Curriculum Vitae

Personal Data

Name: Yurii Daniilovich Khomskii
Date of Birth: 05 September 1980
Place of Birth: Moscow, Russia
Nationality: Russian and Dutch

Languages

- Fluent in: English, Russian, Dutch, German, Bulgarian
- Some knowledge: French, Latin, Japanese

Education

1992–1999 International School, Maartens College, Groningen
Included internationally acknowledged programmes:
- International General Certificate of Secondary Education (IGCSE)
- International Baccalaureate (IB), 1997-1999

1999–2002 Mathematics, University of Groningen (switched to Leiden)

1999–2001 Computer Science, University of Groningen (incomplete)
“Propaedeuse” (2000)

1999–2003 Piano performance: Conservatorium Groningen.
Bachelor’s Degree “Uitvoerend Musicus” (18 June 2003)

2002–2005 Mathematics, University of Leiden.
Bachelor’s Degree (18 April 2005)
Bachelor Thesis: “Banach Algebras” (Supervisor: Dr. Marcel de Jeu)

2005–2007 Master of Logic, University of Amsterdam
Master of Science Degree, Cum Laude (14 August 2007)
Master Thesis: “Regularity Properties and Determinacy”
(Supervisor: Dr. Benedikt Löwe)

2007–present PhD student at the Institute of Logic, Language and Computation (ILLC)
University of Amsterdam
Supervisor: Dr. Benedikt Löwe

Work experience

- PhD researcher at the ILLC, 2007–present.
- Teaching assistant: Recursion Theory, Fall 2007 (Master of Logic programme)
- Teaching assistant: Axiomatic Set Theory, Spring 2008 (Master of Logic and Bachelor of Mathematics programme)
- Teaching assistant: Intuitionistic Logic, Spring 2008 (Master of Logic programme)
- Lecturer and teaching assistant: Capita Selecta: Set Theory, Model Theory, Fall 2008 (Master of Logic and Master of Mathematics programme)
- Lecturer of intensive course: Infinite Games, Summer 2010, Sofia University, Bulgaria (Erasmus teacher’s exchange programme).
- Teaching assistant: Set Theory, Spring 2011 (“MasterMath” national mathematics programme)
- Teaching assistant: Intuitionistic Logic, Spring 2011 (Master of Logic programme)

Publications

- Yuri Khomskii, *William of Sherwood, Singular Propositions and the Hexagon of Opposition*, Jean-Yves Béziau and Gillman Payette (eds.), *New Perspectives on the Square of Opposition*, Peter Lang, Bern, 2010 (to appear).
- Yuri Khomskii, *A General Setting for the Pointwise Investigation of Determinacy*, *Proceedings of the Third Indian Conference on Logic and Applications*, (Eds.) R. Ramanujam and Sundar Sarukkai, Springer LNAI 5378, 2009. pp 187–197.
- Jörg Brendle, Yuri Khomskii, *Polarized Partitions on the Second Level of the Projective Hierarchy*, preprint
- Jörg Brendle, Yuri Khomskii, *Aleph-1-perfect mad families*, in preparation

Grants and Distinctions

- Member of the “Echo Ambassador” network, a distinction based on the nomination for the Echo Award 2006. This is an Award given to Dutch

students of non-western origin, showing exceptionally high academic performance, as well as an active interest and participation in society. Members of the “Echo Ambassadors” can participate in social/cultural events, debates, masterclasses etc., often related to the issue of non-western and other minority groups within the Dutch scientific community. For more information please see <http://www.echo-net.nl/award/>.

- Mosaic Award 2007. This is a fund for a four year period of doctoral research, granted by the Netherlands Organisation for Scientific Research (NWO), aimed at stimulating the participation of ethnic minorities in academic research. For more information, see http://www.nwo.nl/subsidiewijzer.nsf/pages/NWOP_5RNBJK_Eng.

International Activities

- Contributed talk “William of Sherwood, Singular Propositions and the Hexagon of Opposition”, at the First International Congress on the Square of Opposition in Montreux, Switzerland, June 1–3, 2007.
- Contributed talk “A General Setting for the Pointwise Investigation of Determinacy”, Third Indian Conference on Logic and Applications, Chennai, India, January 9–11, 2009.
- Contributed talk “Polarized Partition Properties for Δ_2^1 and Σ_2^1 sets”, Logic Colloquium 2009, Sofia, Bulgaria, 31 July–5 August 2009.
- Contributed talk “Polarized Partition Properties on the Second Level of the Projective Hierarchy”, RIMS Workshop “Combinatorial set theory and forcing theory”, Kyoto, Japan, 16–19 November 2009.
- Contributed talk “Polarized Partition Properties on the Second Level of the Projective Hierarchy”, Third Indian School on Logic and its Applications, Workshop on Set Theory, Hyderabad, India, 18–29 January 2010.
- Contributed talk “Regularity and Definability”, PhD’s in Logic III, Brussels, Belgium, 17–18 February 2011.
- Contributed talk “Mad families and the projective hierarchy”, ASL 2011 North American Meeting, University of California Berkeley, Berkeley, C.A., 24–27 March 2011.