Short Curriculum Vitae of Alexander Pushnitski

December 2022

BORN: 11 October 1972 in St.-Petersburg, Russia.

EDUCATION:

- M.Sc. (1995) at St.-Petersburg State University, Department of Mathematical Physics.
- Ph.D. (1998) at St.-Petersburg State University, Department of Mathematical Physics. Supervisor: Prof. M. Sh. Birman.

EMPLOYMENT:

- February — August 1999: Research Associate, School of Mathematical Sciences, University of Sussex, U.K.
- September 1999 — August 2005: Lecturer in Applied Mathematics, Department of Mathematical Sciences, Loughborough University, U.K.
- Since September 2005: Lecturer, Senior Lecturer, Reader, Professor in Analysis, Department of Mathematics, King's College, London, U.K.

CURRENT RESEARCH INTERESTS:

- Spectral theory of Hankel and Toeplitz operators
- Spectral perturbation theory of self-adjoint operators
- Scattering theory

DISTINCTIONS:

- "1998 Young Mathematician prize" of the St.Petersburg Mathematical Society.
- 2005: Leverhulme Research Fellowship (spent 2005/2006 at Caltech).
- 2011: Whitehead Prize by the London Mathematical Society.
- 2012: King's College Award for Excellence in Teaching.

SERVICE:

- Member of the editorial board of the Journal of Spectral Theory (since 2014).
- London Mathematical Society Programme Committee member (2014–2016).
- Co-organiser of: Paris-London Analysis Seminar; London Analysis Seminar; King's College Analysis Seminar.
- Co-organiser of the annual international conference in Spectral Theory at the Euler Institute in St.Petersburg (2009–2015).

SUPERVISION:

- Dr V. Sloushch (EPSRC funded postdoc), 2002-2003.
- I. Sorrell (PhD), 2002-2005.
- D. Bulger (PhD), 2010-2013.
- P. Honore (PhD), 2013-2016.
- E. Fedele (PhD), 2015-2019.
- M. Gebert (DFG funded postdoc), 2016-2018.
- C. Tantalakis (PhD), 2017-2022.

TEACHING:

Since 1999, I have been teaching a large selection of courses, on average 2 lecture courses per year, ranging from large first year courses (over 200 students) to advanced PhD level courses.

In particular, at King's College London I have taught: Numbers and Functions (1st year course), Real Analysis (2nd year course), Fourier Analysis (3rd year course), Metric and Banach Spaces (advanced 4th year course), Operator Theory (advanced 4th year course).

LIST OF PUBLICATIONS:

see http://www.mth.kcl.ac.uk/~pushn/list.html