Curriculum Vitae of Alexander Pushnitski

December 2017

BORN: 11 October 1972 in St.-Petersburg, Russia.
NATIONALITY: British and Russian
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

SELECTED GRANTS AND AWARDS:

- "1998 Young Mathematician prize" of the St.Petersburg Mathematical Society.
- 2001: EPSRC grant £60,000 under the 'first grant' scheme.
- 2005: Leverhulme Research Fellowship.
- 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), since 2015.
- M. Gebert (DFG funded postdoc), 2016–2018.
- C. Tantalakis (PhD), since 2017.

TEACHING:

Since 1999, I have been teaching a large selection of courses, on average 2-3 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: CM115 Numbers and Functions (large 1st year course), MS05 Metric and Banach Spaces (advanced 4th year course), MS08 Operator Theory (advanced 4th year course).

LIST OF PUBLICATIONS:

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