

## CURRICULUM VITAE

Shterenberg Roman G.

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### Field of interest

Functional Analysis, Operator Theory, Spectral Theory, Scattering Theory, PDE and Boundary Problems, Inverse Problems, Non-Linear Differential Equations

### Academic Background

1998 - BS in Physics, St. Petersburg St. Univ., Dept. of Math. Physics  
2000 - MS in Physics, St. Petersburg St. Univ., Dept. of Math. Physics  
2003 - PhD in Mathematics, St. Petersburg St. Univ., Dept. of Math. Physics,  
Adviser Prof. M. Birman

### Academic Positions

2000 - 2003, St. Petersburg St. Univ., Graduate Teaching Assistant  
2003 - 2005, St. Petersburg St. Univ., Postdoctoral Associate  
2005 - 2007, University of Wisconsin-Madison, Van Vleck Assistant Professor  
2007 - present, University of Alabama at Birmingham, Assistant Professor

### Visiting Positions

2001 Winter, KTH (Stockholm) — visiting scientist  
2001 Spring, Institute of Nuclear Physics (Prague) — visiting scientist  
2002 Fall, Mittag-Leffler Institute (Stockholm) — visiting researcher  
2004/01 - 2004/06, KTH (Stockholm) — postdoc

### Teaching Experience

Calculus, Ordinary Differential Equations, Linear Algebra, Probability, Methods of Mathematical Physics I (complex analysis), Methods of Mathematical Physics II (distributions, partial differential equations)

### Grants and Awards

1998 — St. Petersburg City Fellowship for advanced students  
1999 - 2001 — St. Petersburg University Merkur'ev Fellowship for young advanced researchers  
2003 — Russian Federation Research Grant RFBR no. 03-01-06386

### Conference and Seminar/Colloquia Presentations

Seminars at Munich Univ., Stuttgart Univ. (2003);  
Seminars at KTH (Stockholm), Lund Univ., Chalmers Univ. (Göteborg) (2004);  
Conference "Operator Theory and Mathematical Physics", Bedlewo, Poland, 05.07.2004-09.07.2004;  
Seminars at Edinburgh Univ., Birmingham Univ., London College Univ. (03.2006);  
Meeting of Canadian Mathematical Society, Toronto, 12.2006;

Seminars at Univ. of Alabama-Birmingham, Univ. of Wisconsin-Madison, Chicago Univ. (2007);

Seminars at St. Petersburg State Univ., Univ. of Arizona-Tucson, Texas A&M Univ. (2008);

27th Annual Western States Mathematical Physics Meeting, Caltech (2009);

Workshop: Random Schrödinger Operators: Universal Localization, Correlations, and Interactions, The Banff International Research Station for Mathematical Innovation and Discovery (BIRS), Canada, April 19-24, 2009;

Summer School on Selected Topics in Spectral Theory, ESI, Vienna, May 5th - July 25th, 2009;

Seminars at Univ. of Alabama-Birmingham, Munich Univ. (2009).

### **Conference Participation**

Fourth European Congress of Mathematics, Stockholm, June 27 – July 02, 2004;

Spectral Theory of the Schrödinger Operators, Stockholm, July 3-5, 2004;

Spectral Theory of Partial Differential Equations, Oberwolfach, Germany, Nov. 28 – Dec. 04, 2004;

Summer School on Current Topics in Mathematical Physics, ESI, Vienna, July 21-31, 2008;

London-Paris Seminar, London, March 2009.

### **Publications**

Total number of publications: 22