

Curriculum Vitae

Name, position: Lyudmila Turowska, Professor (Biträdande Professor)
Date of birth: 21st of July 1971
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Education and degrees

- 2006, Professor, Mathematics, Chalmers tekniska högskola
- 2002, Docent, Mathematics, Chalmers tekniska högskola
- 1996, PhD, Mathematics, Institute of Mathematics, National Academy of Sciences of Ukraine, Kiev, Ukraine
- 1993, MSc, Mathematics, Taras Shevchenko National University of Kiev, Ukraine

Current and previous positions

Present position

October 2006 – present, Biträdande Professor, Department of Mathematical Sciences, Chalmers University of Technology, Gothenburg

Previous positions

- July 2003 - September 2006, Associate Professor (Docent), Department of Mathematical Sciences, Chalmers University of Technology, Gothenburg
- July 1999 - June 2003, Research Assistant Professor, Department of Mathematical Sciences, Chalmers University of Technology, Gothenburg
- September 1998 - June 1999, Lecturer, Department of Mathematical Sciences, Chalmers University of Technology, Gothenburg
- September 1997 - June 1998, Visiting Assistant Researcher, Department of Mathematics, Royal Institute of Technology, Stockholm
- September 1996 – June 1997, Postdoctoral position at the Mittag-Leffler Institute, Stockholm
- September 1993 – June 1996, PhD student, Institute of Mathematics, National Academy of Sciences of Ukraine, Kiev, Ukraine

I have been on parental leave for a total 7 months during my career

Distinctions, scholarships and awards

- 1994 -1996 - awarded scholarship for graduate studies, AMS grant
- 1995 - awarded scholarship for research, the Fundamental Research Foundation of the State Committee on Science and Technology of Ukraine grant no.1(1).3/30
- 1996 - awarded scholarship for graduate studies, Grant N PSU061106 of the International Soros Science Educational Program (ISSEP)

- 1996 - 1997 - awarded Post-doctoral research grant at the Mittag-Leffler Institute
- 1998 - 2005 - different (8) research grants for collaboration with the former Soviet Union supported by the Swedish Academy of Sciences
- 2003 - 2006 - a grant from STINT for collaboration between Sweden and Ukraine with V.Mazorchuk, Uppsala, as principal coordinator
- 2003 - 2005 - Project "Operator synthesis: measure-theoretical approach" supported by the Swedish Research Council
- 2006 - 2008 - Project "Operator synthesis and its applications" supported by the Swedish Research Council
- 2009 - 2011 - Project "Operator multipliers and similarity problem" supported by the Swedish Research Council
- 2013 - 2015 - Project "Group algebras and multipliers", supported by the Swedish Research Council
- 2011-2013 - a grant from the Swedish Institute (Visby Programme) for collaboration between Sweden and Ukraine
- 1997 -- 2016 - several travel grants

Supervising experience

- Jonas Hartwig, PhD 2008, Generalized Weyl algebras and elliptic quantum groups
- Åse Fahlander, a current PhD student, expected PhD 2018
- Olof Giselsson, a current PhD student, expected PhD 2020

I was a mentor for Postdoc students

- Stanislav Popovych, 2006-2007
- Kostyantyn Yusenko, 2009-2010
- Mahmood Alaghmandan, 2015-2017

Teaching experience

Various courses at undergraduate level since 1997: Linear algebra, single- and multi-variable calculus, abstract algebra, complex analysis, discrete mathematics.

Development and responsibility for joint Master and PhD course in Functional Analysis, PhD courses in C^* -algebras, K -theory for operator algebras and Methods of Operator spaces.

Other experience

I have attended a course "Högskolepedagogik för Chalmerslärare", a similar course and a course in methods of teaching of mathematics I attended while studied at Kiev University.

National and international assignments of importance

- Member of the VR (Swedish Research Council) Evaluation Panel for Mathematics, 2004, 2006, 2007, 2009, 2010, 2014
- Coordinator of the Gothenburg knot of the research network "Operator algebras and dynamics" supported by NordForsk (2009-2012)
- Member of evaluation board at several PhD thesis defences in Sweden and UK
- Organizer of several conferences:
 - Conference "Groups and Operators", Gothenburg, August 15-18 2016

- LMS Workshop on Operator Methods in Harmonic Analysis, Belfast, 18-21 August 2014
- Banach Algebras and Applications, Gothenburg , July 29-August 4, 2013 (supported by VR and Wenner-Gren Stiftelserna)
- Operator Theory and its Applications, Gothenburg, April 26-29, 2011 (supported by VR and Wenner-Gren Stiftelserna)
- A special session “Noncommutative functional analysis” at the 1st British-Nordic and the 25th Nordic congress in Mathematics, Oslo, June 2010 (supported by VR)
 - Workshop ”Algebraic Methods in Functional Analysis”, June 2009, Gothenburg
 - Satellite conferences to the Fourth European Congress of Mathematics “Representations theory and its Applications”, Uppsala, June 2004
 - Workshop “ C^* -algebras, Lie algebras and related topics”, Kyiv, Ukraine, December 2003
 - ”Tame and Wild Workshop” (Uppsala, November 26-28, 2004), a mini- workshop within the joint research project ”Representation theory of algebras and applications”, supported by STINT

Invited lectures:

Sixth Summer School and Workshop in Operator Theory, Athens, July 3-7, 2017

International Conference “Quantum algebras, Quantum integrable systems, Quantum information”, Kristineberg, Sweden, July 11-15, 2016

Workshop “Groups and Operator algebras”, Queen’s University Belfast, May, 2016

Institut Mittag-Leffler, Research Programme “Classification of operator algebras: complexity, rigidity and dynamics”, April 2016

International Conference on Abstract Harmonic Analysis, Halifax, Canada, August 2015

Institut Mittag-Leffler, Research Programme “Representation Theory”, April, 2015

Danish-Norwegian Operator Algebra Workshop, Oslo, December 2014

"Thematic Program on Abstract Harmonic Analysis, Banach and Operator Algebras", the Fields Institute for Research in Mathematical Sciences, Toronto, April, 2014

Danish-Norwegian Operator Algebra Workshop, Copenhagen, December 2013

International Conference on Abstract Harmonic Analysis, Granada, Spain, May 2013

"Harmonic Analysis, Operator Algebras and Representation Theory", CIRM, Marseille, France, November 2012

"2nd Summer School on Operator Theory", Karlovassi, Greece, July 2012

"Noncommutative harmonic analysis and representation theory", Luxembourg, June 2011

"1st British-Nordic and 25th Nordic congress in Mathematics", June 2009, Oslo, Norway

"3d International workshop on elementary operators and their applications", April 2009, Belfast, UK

"Harmonic analysis, operator algebras and representations", November 2009, CIRM, Marseille, France

"Operator spaces and Group algebras", August 2007, Banff, Canada

"Belfast Functional Analysis Day", November 2006, Belfast, UK

"Istanbul International Conference on Abstract Harmonic Analysis", July 2004, Istanbul, Turkey

Satellite conferences to the Fourth European Congress of Mathematics "Non-commutative Geometry and Mathematical Physics" July 2004, Karlstad, Sweden

"Banach Algebras and their Applications", Edmonton, Canada, July 27-August 9, 2003