

CURRICULUM VITAE

SAEED GHASEMI

Personal Information

Citizenship: Iran

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Education and Employment

- Adjunct assistant professor, Institute of Mathematics, Polish Academy of Sciences (IM PAN), 2015/09 - 2017/09.
- Ph.D. York University, Toronto, under supervision of Professor Ilijas Farah, 2009- 2015.
Title of the Thesis: Rigidity of Corona Algebras.
- M.Sc. Tarbiat Modares University, Tehran, 2006-2009.
Title of the Thesis: Infinitary Model-Theoretic Logics.
- B.Sc. Shahid Beheshti University, Tehran, 2002-2006.

Research Interests

Set Theory, Set-Theoretic Topology, Operator Algebras, Model Theory, Applications of Logic to C^* -algebras.

Teaching Experiences

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| 2009 - 2015 | Teaching assistant and math tutor at York University. |
| 2006 | Teaching assistant at Shahid Beheshti University. |
| 2007-2008 (summers) | Math teacher at Ghalamchi Institute, Zanjan, Iran. |

Publications and Preprints

- (1) Saeed Ghasemi and Piotr Koszmider, Non-commutative Cantor-Bendixson derivatives and scattered C^* -algebras, arXiv:1611.00221v1.
- (2) Saeed Ghasemi and Piotr Koszmider, An extension of compact operators by compact operators with no nontrivial multipliers. arXiv:1609.04766v1.
- (3) Saeed Ghasemi, Reduced products of metric structures: a metric Feferman-Vaught theorem, Journal of Symbolic Logic, Volume 81, Issue 3, pp. 856-875, 2016.
- (4) Saeed Ghasemi, Isomorphisms of quotients of FDD-algebras, Israel Journal of Mathematics, Israel Journal of Mathematics Volume 209, Issue 2, pp 825-854, 2015.
- (5) Saeed Ghasemi, SAW^* -algebras are essentially non-factorizable, Glasgow Mathematical Journal, 57, pp 1-5, 2015.

Talks

- (1) A non-commutative Mrówka C^* -algebras (part 2), IM PAN, Warsaw, Poland, 15/12/2016.
- (2) A non-commutative Mrówka C^* -algebras (part 1), IM PAN, Warsaw, Poland, 01/12/2016.
- (3) An introduction to scattered C^* -algebras (part 2), IM PAN, Warsaw, Poland, 12/10/2016.
- (4) An introduction to scattered C^* -algebras (part 1), IM PAN, Warsaw, Poland, 05/10/2016.
- (5) A non-stable extension of an algebra of compact operators by compact operators, Munster, Germany, 29/07/2016.
- (6) Non-commutative Cantor-Bendixson derivatives and scattered C^* -algebras, Będlewo, Poland 21/07/2016.
- (7) Non-trivially isomorphic corona algebras, University of Warsaw, Poland, 08/06/2016.
- (8) The rigidity of isomorphisms between some corona algebras (part 3), IM PAN, Warsaw, Poland, 29/10/2015.
- (9) The rigidity of isomorphisms between some corona algebras (part 2), IM PAN, Warsaw, Poland, 15/10/2015.
- (10) The rigidity of isomorphisms between some corona algebras (part 1), IM PAN, Warsaw, Poland, 08/10/2015.
- (11) Isomorphisms of the coronas of the form $\prod_n M_{k(n)}(\mathbb{C})/\bigoplus_n M_{k(n)}(\mathbb{C})$, Winter School in Abstract Analysis 2015, section Set Theory and Topology, Hejnice, Czech Republic, Jan 31st-Feb 7th, 2015.
- (12) Reduced products of metric structures, Weekly Set Theory Seminar, Fields Institute, Toronto, 2014.
- (13) Automorphisms of FDD-algebras, Weekly Set Theory Seminar, Fields Institute, Toronto, 2013.
- (14) Divisibility properties of C^* -algebras, Set Theory and Operator Algebras Seminar, Fields Institute, Toronto, 2013.
- (15) The Homotopy lifting theorem for semiprojective C^* -algebras, Set Theory and Operator Algebras Seminar, Fields Institute, Toronto, 2012.
- (16) SAW*-algebras are essentially non-factorizable, Set Theory and Operator Algebra Seminar, Fields Institute, Toronto, 2012.
- (17) SAW*-algebras are essentially non-factorizable, Weekly Operator Algebra Seminar, Fields Institute, Toronto, 2012.
- (18) Sub-Stonian spaces and SAW*-algebras, Weekly Operator Algebra Seminar, Fields Institute, Toronto, 2012.
- (19) Complete K_σ equivalence relations, Set Theory and Operator Algebras Seminar, Fields Institute, Toronto, 2011.
- (20) Infinitary logics, Logic Colloquium, University of Toronto, 2011.
- (21) Dimension phenomena of $\beta\omega$ -spaces, University of Toronto, University of Toronto Graduate Student Colloquium, 2010.
- (22) Automorphisms of the Calkin algebra, University of Toronto, University of Toronto Graduate Student Colloquium, 2010.
- (23) Mini-course on model theoretic logics, Tarbiat Modares University, 2009.
- (24) Forcing and some applications, Tarbiat Modares University, 2009.
- (25) Mini-course on topos theory, Tarbiat Modares University, 2008.

Conferences and Visits

- (1) Noncommutative geometry the next generation (Simons Semester), Warsaw, Poland, 01.09.2016 - 30.11.2016.
- (2) Young Mathematicians in C^* -algebras 2016, University of Münster, Germany, July 25-29, 2016.
- (3) Transfinite methods in Banach spaces and algebras of operators, Będlewo, Poland, July 18-22, 2016.
- (4) Workshop on the Geometry of Noncommutative Manifolds at the Fields Institute, Toronto, March 16-18, 2015.
- (5) Winter School in Abstract Analysis 2015, section Set Theory and Topology, Hejnice, Czech Republic, Jan 31st-Feb 7th, 2015.

- (6) The Canadian Mathematical Society (CMS) 2014 winter meeting, December 5-8, Hamilton, Ontario, 2014.
- (7) The 12th East Coast Operator Algebras Symposium, Fields Institute, October 11-12, 2014.
- (8) 42nd Canadian Annual Symposium on Operator Algebras and Their Applications (COSy), Fields Institute, June 23-27, 2014.
- (9) Thematic Program on Abstract Harmonic Analysis, Banach and Operator Algebras, Fields Institute, January-June, 2014.
- (10) Canadian Annual Symposium on Operator Algebras and their Applications (COSy), University of Toronto, May 27-31, 2013.
- (11) ASL 2013 North American Annual Meeting, University of Waterloo, May 8-11, 2013.
- (12) Thematic Program on Forcing and its Applications, Fields Institute, July-December, 2012.
- (13) BIRS Workshop Descriptive Set Theory and Functional Analysis, Banff International Research Station for Mathematical Innovation and Discovery, Banff, Alberta, June 17 to June 22, 2012.
- (14) Appalachian Set Theory, Carnegie Mellon University, USA, March 3, 2012.
- (15) Computational Prospects of Infinity II: AII Graduate Summer School, Singapore, 15 Jun - 13 Jul, 2011.
- (16) Young Set Theory Workshop, Knigswinter near Bonn, Germany, March 21-25, 2011.
- (17) Logic Student Colloquium, University of Toronto, Toronto, 2011.
- (18) Toronto Weekly Set Theory Seminar, Fields Institute, Toronto, 2010-2014.
- (19) Toronto Weekly Set Theory Student Seminar, University of Toronto, Toronto 2010-2014.
- (20) 38th Annual Iranian Mathematics Conference, Zanjan University, Iran, 2008.
- (21) Stability Workshop, Tarbiat Modares University, Tehran, Iran, 2008.
- (22) IPM Logic Conference, IPM, Tehran, Iran, June 10-15, 2007.

Other Affiliations and Responsibilities

- Local committee member - Transfinite methods in Banach spaces and algebras of operators, Bedlewo, Poland, July, 18-22, 2016.
- Member of the Association for Symbolic Logic (ASL), 2010-2015.
- Member of the Canadian Union of Public Employee (CUPE). Employed as a Teaching Assistant at York University, 2009-2015.
- Member of the Iranian Mathematical Society, 2006-2009.
- Member of the Institute for Theoretical Physics and Mathematical Studies (IPM), 2006-2009.