CURRICULUM VITAE

KOSTYANTYN YUSENKO

PERSONAL DATA

Name:	Kostyantyn Yusenko
Place of birth:	Rivne, Ukraine
Date of birth:	October 4th, 1982
Citizenship:	Ukrainian
Marital status:	single
Languages:	Ukrainian, Russia, English
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EDUCATION

1. Ph.D, Institute of Mathematics NAS of Ukraine, 2008.
   Supervisor — Vasyl Ostrovskiy.
   Thesis — Structure theorem for ∗-algebras generated by collections of projections.

2. Specalist in Applied Mathematics, Rivne State University, 2004.

3. B.S. Applied Mathematics, Rivne State University, 2003.

POSITIONS

March 2011 – ...	**Postdoc.** Institute of Mathematics and Statistics. USP. Brazil.
September 2010 – February 2011	**Researcher.** Institute of Mathematics. Kiyv. Ukraine.
September 2009 – August 2010	**Postdoc.** Chalmers Tekniska Hogshola, Gothenborg, Sweden.
November 2007 – August 2009	**Junior researcher.** Institute of Mathematics. Kiyv. Ukraine.

RESEARCH

1. Research interests

   - Representation theory, Moduli spaces.

2. Preprints and papers

   - *Kleiner's theorem for unitary representations of posets*, with Yu.Samoilenko, accepted for publication in Linear Algebra and Its Applications, 13p.

   - *Representations of posets: linear vs unitary*, with V. Futorny, Yu. Samoilenko, Journal of Physics: Conference Series 346 (2012), 17p.

   - *Unitarizable representations of quivers*, with Thorsten Weist, preprint, 19p., submitted for publication.

   - *Unitarization of linear representations of non-primitive posets* with R. Grushevoy, preprint, 32p., available as http://arxiv.org/pdf/0807.0155.

   - *On the unitarization of linear representations of primitive partially ordered sets* with R. Grushevoy, Operator Theory: Advances and Applications **190**, (2008), pp. 279–294.

- *On quadruples of linearly connected projections and transitive systems of subspaces*, with Yu. P. Moskalyova, and V. L. Ostroskii. Methods Funct. Anal. Topol. **13** (2007), no. 1, pp. 43–49.

- *On quadruples of projections connected with linear relation.* Ukr. Math. J. **58** (2006), no. 9, pp. 1289–1295.

- *On existence of $*$-representations of certain algebras related to extended Dynkin graphs.* Methods Funct. Anal. Topol. **12** (2006), no. 2, pp. 197–204.

3. Research visits

- Trimester program "Rigidity", Hausdorff Institute for Mathematics, Bonn (Germany)
  October 16th – December 16th, 2009

- Visit at University of Leipzig (Germany)
  March 28th – April 19th, 2010
  November 5th – Novemberl 28th, 2010

- Visit at University of Wuppertal (Germany)
  April 20th – April 29th, 2010
  November 29th – December 4th, 2010

4. Invited talks

- International Workshop "Algebraic versus analytic representations", Kiev, Institute of Mathematics, December, 2005

- IV-th Summer School "Algebra, Topology, Functional and Stochastic analysis" Lviv, Kozyova July, 2006

- 17-th Mathematics School in Crimea, Laspi, Ukraine, September, 2006

- Modern Analysis and Application Odessa, Ukraine, April, 2007

- 22nd International Conference on Operator Theory, Timisoara, Romania, July, 2008

- Infinite Dimensional Analysis and Topology, Ivano-Frankivsk, Yaremche, Ukraine, May, 2009

- Special Session on Operator Algebras and Applications, Lisbon, Portugal, June, 2009

- Seminar on Functional Analysis, Leipzig, Germany, December, 2009

- Seminar on Representation Theory, Gothenburg, Sweden, March, 2010

- Mini-workshop on Operator Algebras, Leipzig, Germany, April, 2010

- Seminar on Algebra, Wuppertal, Germany, April, 2010

- Seminar on Functional analysis, Leipzig, Germany, November, 2010

OTHER ACTIVITIES

1. Referee and review activities

   - Referee for Methods of Functional Analysis and Applications
   - Referee for Ukrainian Mathematical Journal
   - Reviewer for AMS Mathematical Reviews